

WINTHROP UNIVERSITY
UNDERGRADUATE
CATALOG
2003 - 2004

ROCK HILL, SOUTH CAROLINA 29733

Effective August 16, 2003 through August 15, 2004

Volume 94

Purpose

The purpose of this catalog is to provide a general description of Winthrop University and its various academic units and to present detailed information regarding the undergraduate curricula which are offered. Inasmuch as the educational process necessitates change, the information and educational requirements in this catalog represent a flexible program which may be altered where such alterations are thought to be in the mutual interest of the University and its students.

The provisions of the catalog do not constitute any offer of a contract which may be accepted by students through registration and enrollment in the University. The University reserves the right to change without notice any fee, provision, offering, or requirement in this catalog and to determine whether a student has satisfactorily met its requirements for admission or graduation.

Student Responsibility

All academic units establish certain academic requirements that must be met before a degree is granted. Advisers, department heads, and deans are available to help the student understand and arrange to meet these requirements, but the student is responsible for fulfilling them. If, at the end of a student's course of study, the requirements for graduation have not been satisfied, the degree will not be granted. For this reason, it is important for each student to acquaint himself or herself with all academic requirements throughout his or her college career and to be responsible for completing all such requirements within prescribed deadlines and time limits.

Winthrop University offers equal opportunity in its employment, admissions, and educational activities.

University Calendar 2003-2004

Fall Semester 2003

August 24-30, Sun-Sat	Welcome Week
August 23, Saturday	7 AM, Freshmen and Transfer Students check into Residence Halls.
August 24, Sunday	7 AM, Upperclassmen check into Residence Halls.
August 25, Monday	9 AM, Open Registration
August 26, Tuesday	4 PM, Opening Convocation and Blue Line
August 27, Wednesday	Classes begin.
August 29, Friday	Last day of Fall semester registration
	Last day to change courses or course sections
	Last day to Audit courses
September 12, Friday	Last day to elect S/U option
September 30, Tuesday	Last day to drop full semester courses with grade of automatic "N"
October 20-21, Mon-Tues	Fall Break
	Residence Halls close 6 PM, Oct. 17; reopen 2 PM, Oct. 21.
October 22, Wednesday	Advising for Spring 2004 begins.
November 5, Wednesday	Registration for Spring 2004 begins.
November 26-30, Wed-Sun	Thanksgiving Holidays; offices closed Nov. 27-28.
	Residence Halls close 9 AM Nov. 26, reopen 2 PM November 30.
December 2, Tuesday	Last day to withdraw from full-semester course
December 9, Tuesday	Last day of Fall 2003 classes
December 10, Wednesday	Study day
December 10-17, Wed-Wed	Final examinations
December 18, Thursday	9 AM, Undergraduates check out of residence halls.
	7 PM, Graduate Commencement
December 20, Saturday	11 AM, Undergraduate Commencement
	6 PM, Graduates check out of residence halls.
	Residence Halls close.

Spring Semester 2004

January 11, Sunday	12 noon, Residence Halls open.
January 12, Monday	Open Registration
January 14, Wednesday	Classes begin.
January 16, Friday	Last day of Spring semester registration
	Last day to change courses or course sections
	Last day to Audit courses
January 19, Monday	Martin Luther King Holiday; offices closed.
January 30, Friday	Last day to elect S/U option
February 17, Tuesday	Last day to drop full semester courses with grade of automatic "N"
March 15-21, Monday-Sunday	Spring Break (Offices closed March 19.)
	Residence Halls closed 6 PM, Mar. 12; reopen 2 PM Mar. 21.
March 24, Wednesday	Advising for Fall 2004 begins.
April 7, Wednesday	Early Registration for Summer and Fall 2004 begins.
April 20, Tuesday	Last day to withdraw from a full semester course.
April 27, Tuesday	Last day of Spring 2004 courses
April 28, Wednesday	Study day
April 28-May 5, Wed-Wed	Final examinations
May 6, Thursday	9 AM, Undergraduates check out of residence halls.
	7 PM, Graduate Commencement
May 8, Saturday	11 AM, Undergraduate Commencement
	6 PM, Graduates check out of residence halls.
	Residence Halls close.

Please refer to the current semester's *Schedule of Courses* and winthrop.edu for updated information.

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Introduction

History

In 1886, Superintendent of Schools David Bancroft Johnson founded Winthrop in Columbia, South Carolina, as a training school for teachers. With the backing and support of The Honorable Robert C. Winthrop, chairman of the Peabody Educational Fund, the Winthrop Training School was established and began operations on November 15, 1886. Seventeen students were enrolled in the school that was housed in the chapel of the then defunct Presbyterian Theological Seminary.

In 1887, through the efforts of Governor John P. Richardson, the legislature granted a charter to the school and provided scholarships for one student from each of the 34 counties in the state. At the urging of President Johnson and with the support of Governor Benjamin Ryan Tillman, Winthrop became a state-supported institution in 1891, and the name was changed to "The South Carolina Industrial and Winthrop Normal College." In 1893, the college became known as "The Winthrop Normal and Industrial College of South Carolina," and the decision was made to move the college to Rock Hill.

On October 2, 1895, Winthrop opened its doors in Rock Hill with 300 students and 20 instructors. The college grew to become one of the largest women's colleges in the country. The name was changed to "Winthrop College, The South Carolina College for Women" in 1920. As early as 1955, the Board of Trustees went on record as favoring coeducation. Complete coeducation was not achieved until 1974 when legislation changed the name to "Winthrop College" and men were admitted on a residential basis. In keeping with Winthrop's function as a comprehensive institution, in 1992 the name was changed to "Winthrop University."

Mission Statement

Building on its origins as a women's college and its history as a teacher preparation institution, Winthrop University has broadened its mission and has achieved national recognition as a competitive and distinctive, public, residential comprehensive learning institution--one that strives to create an educational environment for its students, faculty, and staff. Consonant with that effort, Winthrop has earned a strong reputation as among the finest universities of its type in the nation.

The university provides personalized and challenging undergraduate, graduate, and continuing professional education programs of national caliber within a context dedicated to public service to the state of South Carolina. All eligible bachelor's, master's and specialist degrees in the liberal arts and sciences, education, business, and the visual and performing arts are nationally accredited.

Winthrop enrolls an achievement-oriented, culturally diverse, and socially responsible student body of more than 6,400 students and will remain a medium-sized comprehensive learning university of between 5,000 and 7,000 students for the foreseeable future. The university recruits South Carolina's best students as well as highly qualified students from beyond the state whose presence adds diversity and enrichment to the campus and state. Winthrop prides itself on being an institution of choice for groups traditionally under-represented on the college campus.

Winthrop's historic campus, located in a growing city within a major metropolitan area, provides a contemporary and supportive environment that promotes student learning and development. Winthrop has a diverse faculty and professional staff of national caliber and supports their work as effective teachers, scholars, researchers, practitioners, and creative artists. Through this talented group, Winthrop students acquire and develop knowledge, skills, and values which enrich their lives and prepare them to meet the needs and challenges of the contemporary world, including the ability to communicate effectively, appreciate diversity, work collaboratively, synthesize knowledge, and adapt to change. Ongoing assessment of programs and services ensures both that all academic programs challenge students at their highest level of ability and that the

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library, instructional technology, and other academic service areas support courses of study that are consonant with current methods and knowledge. As a result, Winthrop graduates are eminently well-prepared to assume successful careers in business, industry, government, education, the arts, and human services, as well as to enter the most competitive graduate or professional schools.

Accreditation

Winthrop's academic programs are measured by national standards of quality. Winthrop University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur GA 30033-4097; Telephone Number 404-679-4501) to award bachelor's, master's and specialist degrees. Winthrop was last accredited in 2001.

Winthrop offers 55 academic programs of which 42 are eligible for national specialized accreditation. Of those 42 eligible programs, 100 percent have received national accreditation.

Winthrop is accredited by the following specialized agencies:

- Accrediting Council on Education in Journalism and Mass Communication (ACEJMC)
- Association of Graduate Liberal Studies Programs (AGLSP)
- Association to Advance Collegiate Schools of Business (AACSB)
- Commission on Accreditation for Dietetics Education (CADE)
- Computing Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (CAC/ABET)
- Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Council on Social Work Education (CSWE)
- Foundation for Interior Design Education Research (FIDER)
- National Association of the Education of Young Children (NAEYC)
- National Association of Schools of Art and Design (NASAD)
- National Association of Schools of Dance (NASD)
- National Association of Schools of Music (NASM)
- National Association of School Psychologists (NASP)
- National Association of Schools of Theatre (NAST)
- National Council for the Accreditation of Teacher Education (NCATE)

Documents of accreditation reside in the Office of Academic Affairs.

Campus

Covering 425 acres, Winthrop's campus is comprised of a historic, traditional central campus, a recreational east campus, and a growing west campus. The university's tree-lined central campus encompasses a rich architectural blend of buildings and is included in the National Register of Historic Places. Johnson Hall, which houses the departments of mass communication and theatre and dance, has some of the finest training and performance facilities in the Southeast. Features include a 331-seat main theatre, experimental theatres, large dance studios, and modern editing labs.

Withers/W.T.S., a renovated structure housing the Richard W. Riley College of Education, is known for its distinctive Gothic architecture. Rutledge Building and the Conservatory of Music, both of which serve the College of Visual and Performing Arts, were renovated to include new classrooms, gallery and performance space, studios, and learning labs. Thurmond Building, home to the College of Business Administration, has one of the most up-to-date distance learning transmission facilities in the region. The university's science departments have experienced \$20 million in upgrades to classrooms, laboratories, and instrumentation since 1999, unique opportunities usually afforded only at the graduate level. The campus's computing infrastructure provides state-of-the-art learning facilities, including Internet access from all campus buildings and residence halls.

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About half of Winthrop's students live on campus, only a short walk away from classrooms, the cafeteria, art galleries, Dacus Library, and Dinkins Student Center. In early 2003, the west campus welcomed the newest concept in residential living with the opening of The Courtyard at Winthrop--a 113-unit, suite-style housing option for students. The East campus' recreational area, surrounding the Winthrop Lake, consists of a modern 6,100-seat sports coliseum, a 9-hole golf course, an 18-hole disc golf course, and numerous athletic fields. Peabody Gym, on the central campus, houses a wide variety of training and recreational facilities, including an indoor pool.

Profile

Winthrop University is a comprehensive, learning university with competitive admission that offers challenging academic programs of national caliber. Many students completing their degrees go on to graduate study, and a substantial number, having enjoyed their stay as undergraduates, continue in graduate programs at the university.

Location:

Rock Hill, South Carolina geographic center of the Carolinas, 20 miles south of Charlotte, North Carolina

Faculty 2002-2003:

480 faculty (full- and part-time)

Students:

6,462 (Fall 2002)

5,056 undergraduates

46 percent undergraduate residential

Academic Year:

Two semesters

Optional summer sessions: One 3-week Maymester, two 4^{1/2}- week sessions and one 9-week session

Undergraduate Degrees:

Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, Bachelor of Science, Bachelor of Social Work

Graduate Degrees:

Winthrop offers both master's and specialist degrees.

Athletics:

NCAA Division I intercollegiate competition in men's and women's basketball, tennis, golf, soccer, and track and cross-country; women's softball and volleyball; and men's baseball.

Office Hours:

8:30 a.m. to 5 p.m. Monday - Friday.

Telephone:

803-323-2211

Address:

701 Oakland Avenue

Rock Hill, South Carolina 29733

Directions for Correspondence

Winthrop University
Rock Hill, S.C. 29733

AREA OF INTEREST - OFFICE	ADDRESS	TELEPHONE NUMBER
Academic Records & Transcripts		
Records & Registration	102 Tillman	323-2194
Admissions Information		
Admissions Office (Undergraduate)	Joynes Hall	323-2191
Catalogs		
Records & Registration	102 Tillman Hall	323-2194
Financial Assistance		
Office of Financial Aid	119 Tillman Hall	323-2189
Graduate School Information		
Graduate Studies	209 Tillman Hall	323-2204
Health & Counseling Services	Crawford Building	323-2206
Identification Cards	Dinkins Student Center	323-4774
Library	Dacus Library	323-2131
Parking Regulations		
Campus Police	02 Crawford	323-3333
Payment of Fees		
Cashier's Office	22 Tillman Hall	323-2167
Personnel		
Human Resources & Affirmative Action	303 Tillman Hall	323-2273
Registration Information		
Records & Registration	102 Tillman Hall	323-2194
Student Activities		
Student Affairs	Dinkins Student Center	323-2248
Student Career Development		
Career Services	638 Oakland Ave	323-2141
Student Employment		
Human Resources & Affirmative Action	303 Tillman Hall	323-2273
Veterans Affairs		
Records & Registration	101 Tillman Hall	323-3691

Admissions

Winthrop University admits all qualified applicants and offers equal educational opportunities regardless of race, color, sex, age, national origin, religion, or disability.

Admission to Winthrop is competitive. Enrollment is maintained at a level that permits personal interaction between student and professor and allows Winthrop to offer an exemplary undergraduate education. Winthrop carefully reviews each applicant on an individual basis and the admission process is designed to determine the right match between high-achieving students and the distinctive educational opportunities offered at Winthrop University.

All applicant files are reviewed by the Office of Admissions and this office is solely responsible for rendering the admissions decision. Requests for information may be directed to the Office of Admissions, Winthrop University, Joynes Hall, Rock Hill, South Carolina 29733; telephone: (800) 763-0230 or (803) 323-2191;

Web: www.winthrop.edu/admissions.

Freshman Applicants

Freshman applicants are evaluated using the following criteria:

Primary criteria - will always be considered

- high school performance (with emphasis on grades earned on the required high school prerequisites)
- level of course work
- completion of high school course prerequisites
- standardized test scores (SAT or ACT)
- guidance counselor recommendation

Secondary criteria - will be considered if submitted

- letter(s) of recommendation
- factors (extenuating circumstances) affecting performance in classes
- essay or personal statement
- extracurricular activities
- personal interview

The admissions review process includes the evaluation of each individual student's application and academic credentials. **The most important factor is achievement in high school courses, including the type of courses a student has completed and the grades earned, followed by performance on the SAT or ACT.** Students must also complete the 20 course prerequisites required by the State of South Carolina (see list below). Recommendations and activities are also considered.

Students who have been out of high school for five or more years are not required to take the SAT or ACT, or submit a guidance counselor recommendation. Special consideration is given for their life experience. Applicants must also meet the Commission on Higher Education high school course prerequisites if they graduated from high school after 1987.

All students who enroll in a baccalaureate degree program must possess a high school diploma or G.E.D. certificate. With the exception of students who are home schooled, Winthrop does not accept experience in lieu of a high school diploma or G.E.D. certificate.

Required High School Courses for Freshmen Applicants

English: 4 units. At least two having strong grammar and composition components, at least one in English literature, and at least one in American literature. (Completion of college preparatory English I, II, III, & IV meets these requirements.)

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Mathematics: 3 units. Includes algebra I (for which applied mathematics I and II may count together as a substitute, if a student successfully completes algebra II), algebra II, and geometry. A fourth higher-level mathematics course is strongly recommended. The fourth course should be selected from among algebra III/trigonometry, precalculus, calculus, statistics, or discrete mathematics.

Laboratory Science: 3 units. Two units must be taken in two different fields and selected from among biology, chemistry, or physics. The third unit may be taken from the same field as one of the first two units (biology, chemistry, or physics) or from any laboratory science for which biology and/or chemistry is a prerequisite. Courses in earth science, general physical science, or introductory or general environmental science for which biology and/or chemistry is not a prerequisite will not meet this requirement.

Social Science: 3 units. One unit of U.S. History is required; a half unit of economics and a half unit of government is strongly recommended.

Foreign Language: 2 units. Two units of the same foreign language.

Physical Education or ROTC: 1 unit.

Electives: 4 units. Four college preparatory units must be taken from at least three different fields selected from among computer science, English, fine arts, foreign languages, humanities, laboratory science (excluding earth science, general physical science, general environmental science or other introductory science courses for which biology and/or chemistry is not a prerequisite), mathematics above the level of algebra II, and social sciences. It is suggested that one unit be in computer science which includes programming (i.e., not just keyboarding) and one unit in fine arts (appreciation of, history, or performance).

Home Schooled Applicants

Home schooled applicants should submit the following credentials: transcript (or other record of completed work) which shows name of the completed courses, credit earned and grades earned; and an official copy of SAT or ACT scores.

Students who are home schooled must complete the 20 high school courses prerequisites required by South Carolina (see section above). Applicants will be evaluated on an individual basis using the following credentials: course selection, earned grades and SAT or ACT score. Letters of recommendation, an essay or personal statement, and/or a personal interview will also be considered if submitted.

Special Admissions

The University provides a provisional admission program to a limited number of freshman applicants. **(The program is only offered to students who enroll in the fall semester.)**

The **Learning Excellent Academic Practices (LEAP) Program** will provide academic support throughout the first semester at Winthrop. Students who satisfy the criteria for successful completion of the fall program will be granted regular admission for the spring semester. Upon the discretion of the program director, some students will be allowed to return for the spring semester and will receive additional academic support during the term. Students who do not successfully complete the spring semester will not be allowed to return to Winthrop.

All LEAP program participants are assessed a **\$400 fee** in addition to tuition and fee charges. This fee will appear on the fall semester bill.

Transfer Applicants

Applicants who have taken college-level course work in a degree-seeking status after graduating from high school are classified as transfer students when making application for admission to Winthrop University, regardless of whether the course(s) will transfer for credit.

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1. All transfer applicants must be eligible to return to the last post-secondary school attended.
2. Transfer applicants must have **official copies of all** college course work (part- or full-time attempted or completed) **from every institution attended** (whether credit was earned or desired) sent directly from the registrar of each regionally accredited institution to the Winthrop University Office of Admissions. Course work posted on transcripts from institutions other than the original college where work was actually completed is not acceptable. A separate transcript from each institution is required in order to make an application complete.
3. Transfer applicants who have earned fewer than 30 semester hours must submit a high school transcript along with standardized test scores. (Standardized test scores are not required for applicants who have been out of high school five years or more.)
4. Transfer applicants who have attempted 30 semester (48 quarter) hours or more of course work at a regionally accredited institution must present a minimum cumulative grade-point ratio of 2.0 on a 4.0 scale.
5. Transfer applicants who have attempted 12 semester (18 quarter) hours of course work from a regionally accredited institution must present a minimum grade point ratio of 2.5 on a 4.0 scale. (Developmental courses cannot be included in the 12 hours.) Applicants who have attempted fewer than 12 hours of college course work will be evaluated on their college performance and high school record, including grades, class rank, and test scores (SAT or ACT). Standardized test scores are not required for applicants who have been out of high school for five years or longer.

Winthrop will consider on an individual basis transfer applicants whose cumulative GPA is below the required 2.0 (typically 1.9 on a 4.0 scale). Applicants can be considered for provisional admission if one of the following conditions applies:

1. Early course work adversely affected the cumulative GPA; course work completed most recently is satisfactory.
2. The cumulative GPA was earned as a result of an event that affected an applicant's performance in one semester. The pattern of achievement prior to or since that event supports the applicant's potential for success.

Transfers who are provisionally admitted must complete twelve hours during the first semester at Winthrop with a 2.0 GPA in order to continue their enrollment.

Undergraduate Transfer Credit Policy

Winthrop University, in general, accepts transfer course credit from other institutions of higher education under the following conditions:

1. The course work must have been taken at an institution that is accredited by the commission on colleges of a regional accreditation agency.
2. The subject matter and the level of the course must be appropriate to Winthrop's general education curriculum or the program into which the student is transferring.
3. The grade that is received for the course must be at least a C or a grade with a minimum level equivalent to a C.

In general, credit is not granted by transfer for vocational, remedial, or developmental courses unless the forwarding college granted credit and Winthrop offers essentially the same courses for credit.

Transferring students who have completed course work in general studies programs are permitted to transfer only 15 semester hours of selected courses from such programs into any curriculum at Winthrop. The selection of the courses and the applicability to the curriculum is determined by the academic division receiving the student.

The University does not evaluate transfer credit from foreign institutions. Admitted

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international students must secure the evaluation of credit from an independent credit evaluation service. Students are responsible for initiating the evaluation and should request that the results be mailed to the appropriate student services offices for the intended major. The individual college at Winthrop makes the final determination of the applicability of the accepted credit to the student's degree program.

Only 65 semester hours from a two-year college may be applied toward a baccalaureate degree program at Winthrop.

A transfer student must earn at least 31 semester hours of course credits at Winthrop to complete requirements for an undergraduate degree. (See Residence Requirements.)

Transfer credit is not used in computing a student's grade-point average at Winthrop. However, it is used in computing eligibility for academic honors.

The Admissions Office will evaluate military credit using the current edition of the *Guide to the Evaluation of Educational Experiences in the Armed Forces*. The academic college will make the final determination of the applicability of the acceptable credit to the student's degree program.

Winthrop University will consider experiential credit using the recommendations of the American Council on Education's College Credit Recommendation Service (CREDIT).

International Applicants

International students must submit the following materials before an admissions decision can be made. To insure applications will be processed promptly, follow these instructions carefully.

Official Copy of Transcript(s). Transcripts must be mailed to the Winthrop University Office of Admissions directly from the secondary school or college/university attended. If these transcripts are in a language other than English, the school must also submit a certified English translation of the transcript. **Documents must be originals or certified copies and cannot be returned after receipt in the Office of Admissions.**

English Proficiency. Verification of English proficiency is required for international students (if English is not the native language). Documentation of proficiency of the language can be provided by submitting one of the following credentials:

1. **TOEFL (Test of English as a Foreign Language)** score of 520 (paper-based test) or 190 (computer-based test). An official copy of the TOEFL score must be mailed from the College Board. We cannot accept a copy of the TOEFL score.
2. The **ELS Language Center** English proficiency level of 109 can be substituted for the TOEFL. Documentation must be mailed directly from the ELS Center.
3. **Two semesters of English composition** taken at an American college/university and completed with a minimum grade of "C" in both courses can be substituted for the TOEFL.
4. A certificate mailed from an **English as a Second Language (ESL) Program** showing successful completion of the ESL program can be substituted for the TOEFL.
5. Freshman applicants who will graduate from an American high school can substitute a **SAT verbal score** of 430 or higher for the TOEFL.
6. **Advanced Placement International English Language (APIEL)** score of 3. An official copy of the APIEL score must be mailed from the College Board.

Certification of Support. This form must be submitted with the application for admission, along with the required bank statement showing funds available in **U.S. dollars. The bank statement must be the original document - copies cannot be accepted - and cannot be dated more than one year prior to the student's enrollment at Winthrop.** Other than athletic or talent based scholarships, Winthrop offers limited financial assistance to international freshmen only. Students must, therefore, be prepared to fully

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support themselves during their study at Winthrop University. Non-residents of South Carolina who receive a scholarship will also receive a waiver of the out-of-state fee.

Health Form. This form must be completed and on file in Health Services along with complete immunization records prior to registering for classes.

International Application Deadlines

July 1 for admission in the fall (August) semester.

November 15 for admission in the spring (January) semester.

New Start

New Start is a service program for students 25 years or older. New Start students range in age from mid 20s to 80s. They may be continuing undergraduate work begun some years ago, or they may be enrolling in college for the first time. In either case, the New Start program gives these students the information and assistance they need to explore the many educational opportunities available at Winthrop and to succeed in meeting their educational goals.

Freshman Admission:

Applicants for freshman admission must demonstrate the potential for academic success through previous academic performance and life experience. **Previous academic performance is a critical factor in determining admission.**

1. New Start applicants are not required to submit SAT or ACT test scores.
2. To be **considered** for freshman admission the applicant must possess either a high school diploma or G.E.D. certificate. G.E.D. applicants must have passed the test with a total score greater than or equal to 250 and no individual standard (subject) score less than 45.
3. Applicants should have an official copy of their high school transcript mailed directly to the Office of Admissions. G.E.D. applicants should request that an official copy of their test scores and high school transcript (showing courses completed prior to withdrawal) be mailed directly to the Office of Admissions.

Transfer Admission:

Applicants for transfer admission will be evaluated based upon their cumulative grade point average (GPA) computed from grades earned at all previous colleges/universities. In general, transfer applicants who apply through the New Start Program must meet the same admissions requirements as traditional transfers. (Refer to section on Transfer Admission.) However, factors such as time elapsed since the last college enrollment, life experiences, etc. will be considered along with the cumulative G.P.A.

Senior Citizen Admission:

Citizens over 60 years of age may attend Winthrop on a "tuition free," space-available basis. A \$10 registration fee is required in addition to any lab fees and book purchases. **Applicants must be legal residents of South Carolina.** More information and specific guidelines and application forms are available in the New Start Office, Joynes Hall. They may be requested in person, by mail, or by telephone (803) 323-2106.

Non-Degree Applicants

All students taking undergraduate courses who are not working toward a degree are classified as special students. These students must apply and submit the appropriate credentials. A student admitted as an undergraduate special student may not change status to that of a regular student without submitting an application and meeting regular admission requirements.

Students admitted to any of the following special student categories may enroll only in those courses for which they have received approval from the dean of the college offering the courses. The categories of undergraduate special student are:

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Pre-College Credit Student

Qualified high school junior and seniors may enroll at Winthrop University during the regular academic year or summer session. **To qualify, students must have earned a cumulative grade average of 3.0 (on a 4.0 scale) and must be recommended by their high school counselor or principal.** Credit earned in this manner is not expected to count toward a high school diploma. However, it will count as full credit for those students who subsequently enroll as regular students at Winthrop. Students must submit an application, high school transcript, and test scores for consideration as a freshman applicant.

Transient Student

Regular students at other institutions wishing to take undergraduate courses for credit at Winthrop for transfer back to their home institutions may be enrolled as transient students. Admission is based on the written approval of the applicant's institution. The written approval must list courses to be taken at Winthrop and provide a statement of academic good standing. Transient students must be readmitted each semester through the Records Office.

Undergraduate Non-Degree

This admission status is designed to meet the needs of the student who is not seeking a degree. Please note that several restrictions apply (see below) and the Office of Admissions reserves the right to determine the admissions status of a prospective applicant.

1. Courses completed under this status carry full University credit; however, none of the hours are applicable to a degree until the student qualifies for admission to a degree program. **The applicability of courses completed under this status will be determined by the appropriate academic department should a student subsequently enroll in a degree program.**
2. Course work completed as an undergraduate non-degree student will not be considered for admissions purposes should a student apply for admission to a degree program.
3. To be eligible to enroll, the student must have completed high school two or more years ago.
4. Applicants who have been officially denied admission as degree-seeking students are not eligible for admission as a non-degree student.*
5. Applicants who would not qualify for admission as a degree-seeking student are not eligible for admission as a non-degree student.*
6. Special students may enroll for a **total** of twelve semester hours **under this status**. Subsequent enrollment (after twelve hours) requires the submission of an application and credentials for a degree-seeking applicant.

**Note: Applicants who cannot be admitted under the Undergraduate Non-Degree status may not audit courses.*

Notification of Admission

Spring Admission

The decision is mailed within two weeks of receipt of final documents. The application and supporting documents must be received by December 15.

Fall/Summer Admission

The decision is mailed on the 21st of each month—November through May. Priority processing is given to students who apply by May 1.

After the appropriate credentials for admission are received, admission officials carefully evaluate each student's application. Admitted students are sent a letter of acceptance, a health form, and a housing application if applicable.

Undergraduate students admitted to the University are required to reserve a place in the incoming class by **submitting a nonrefundable deposit of \$150 by the date stated**

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in the letter of admission. The deposit is credited to the student's tuition and fees account. The deposit is applicable only for the term for which the student is being admitted.

Admitted students who do not enroll for the deposited term forfeit the admissions deposit.

Detailed information and instructions concerning orientation, room assignments, and registration are sent to accepted students at appropriate times during the year.

Health Requirements

Students must demonstrate immunity to measles, rubella, diphtheria, and tetanus, and must have a TB test **before registering for classes is allowed.** Every Winthrop student must meet the health requirements of the University as stated in the Winthrop University Student Health Services bulletin. All medical information is confidential and does not in any way affect a student's admission status.

All full-time and part-time students who wish to use the health services are required to submit the Student Health Service Medical Form to Health Services. This medical form consists of personal data on the first three pages, with a Physician's Statement of Health on the last page. This form should be filled out first by the student and then given to the student's physician to be completed. The form should be sent to: Health Services, Winthrop University, Rock Hill, S.C. 29733.

Credit by Examination

Winthrop University grants credit to students who demonstrate mastery of a subject based on their performance on standardized examinations. Credit hours for courses exempted by examination are recorded on students' permanent records when they register as regular students at Winthrop. No grades are given for these hours and no more than 30 semester hours may be earned by examination. The acceptability for transfer to other colleges or universities of credit so earned cannot be guaranteed. Each college and university evaluates transfer credit in its own way.

Winthrop accepts and evaluates scores from four examination programs: Advanced Placement (AP), the International Baccalaureate Program (IB), the College Level Examination Program (CLEP) Examinations, and the SAT II Subject Tests.

Advanced Placement. Advanced placement scores must be sent directly to Winthrop from the College Scholarship Service. Students successfully completing advanced placement courses and receiving a score of three or above on the exam shall receive credit for the appropriate Winthrop course. For a listing of acceptable AP Exams and required scores, contact the Admissions Office.

International Baccalaureate. Winthrop University will award advanced credit for scores of 5 or above in mathematics and computer science and 4 or above in all other **higher level examinations.**

SAT II Subject Tests. Winthrop will award advanced credit for scores of 530 or above on SAT II subject Tests.

CLEP Examinations. The College-Level Examination Program (CLEP) tests are administered monthly at Winthrop, except in December. Interested students are advised to take the tests at least eight weeks before they plan to enroll so that the test results may be received and evaluated prior to registration. There are two types of CLEP examinations: the General Examination and the Subject Examination. Winthrop University grants credit only for the Subject Examinations, which are designed to exempt specific courses. Winthrop encourages students to take CLEP Subject Examinations for credit in subjects or areas which they have mastered through previous study, purposeful reading, travel, or other experiences. Students interested in foreign language exemptions are advised to take the CLEP Subject Examination in the desired language. Information on CLEP may be

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obtained from Counseling Services, 203 Crawford, Winthrop University (803-323-2233).

READMISSIONS

Any Winthrop student who was not registered for courses the previous fall or spring semester or who withdrew from the University for any reason during the last semester of enrollment, **and fewer than five calendar years have elapsed**, is required to apply for readmission through the Office of Records and Registration. Winthrop students **who have been absent for five calendar years or longer** must be readmitted through the Office of Admissions. Former Winthrop students who are 25 years or older may initiate readmission through the New Start Office (803) 323-2106.

Official transcripts from all institutions attended during a student's absence must be submitted when the student applies for readmission. After a 12 month absence, readmitted students must meet the graduation requirements and the minimum academic standards effective at the time of reentry. It should be noted that:

1. Any special permissions, waivers, substitutions, or other dispensations previously granted by Winthrop are void;
2. All credit hours previously earned at Winthrop, including credit by examination, are evaluated against current criteria.

At the time of readmission, a student who has been absent for five calendar years or longer may choose to reenter under the "**academic forgiveness**" policy. Under this policy, all courses previously taken at Winthrop University are treated as if they were transfer credit. The earlier courses are not used in computing the student's grade-point average. However, all earlier courses and the grades earned remain on the student's official transcript and are counted in computing eligibility for graduating with academic honors.

The student must exercise or waive the "academic forgiveness" option by the end of the first week of the second semester he or she is readmitted to Winthrop.

Tuition and Fees

The fees listed below represent 2002-2003 fees. Fees are subject to change at any time by action of the Winthrop Board of Trustees. The fees for the 2003-2004 academic year were not available at the time of this publication. Once these fees are set, students will be notified via the tuition bills of the amount due for the academic year.

Academic Fees	Costs per Semester:
Registration Fee (all students)	\$ 10
General Undergraduate Fees	
12 credit hours or more	
SC* Resident	\$2,800
Out-of-State Resident	\$5,155
11 credit hours or fewer (per credit hour)	
SC* Resident	\$ 233
Out-of-State Resident	\$ 430

*South Carolina Residents are those persons who meet the residency requirements specified in the South Carolina Code of Laws, Section 22.2, and amendments thereto and are eligible to pay in-state fees. All other persons must pay out-of-state fees. See Classification as a SC Resident for Fee Purposes, page 21.

Room and Board

Residence Hall (per semester)	Cost
Double Occupancy	\$1,335
Single Occupancy	\$2,136

Rental Fees for Apartments (per month):

1 Bedroom apartment	\$ 572
2 Bedroom apartment	\$ 652

The Courtyard (per semester)

4 Bedroom, 2 Bath	\$ 2,150
2 Bedroom, 1 Bath	2,445
2 Bedroom, 2 Bath	2,535

Meal Plan Cost per Semester*:

10 meals per week	\$ 760
15 meals per week	\$ 850
Unlimited	\$ 900
10 meals plus \$150 Cafe Cash	\$ 900
7 meals plus \$170 Cafe Cash	\$ 900

*Students living in residence halls must select one of the meal plans each semester.

Miscellaneous Fees and Expenses

Application Fee. A **nonrefundable** application fee must accompany each new application to the University. The application for admission and the application fee will be valid for one calendar year from the applicant's original entry date. Should the student not matriculate during that year, a new application and new application fee will be required.

Admission Deposit. Undergraduate students admitted to the University are required to reserve a place in the incoming class by submitting a **nonrefundable** deposit. The amount of the deposit required is stated in your admissions packet.

TUITION AND FEES

Advance Room Payment. All students signing residence hall contracts must pay a deposit at the time the contract is signed, one-half of which is credited against their fall room rent and the other half against their spring room rent. The amount of the deposit received is stated in the contract.

Laboratory Fees. For courses in which specialized equipment and consumable supplies are used, a **nonrefundable** laboratory fee is charged. Refer to the Courses of Study section of this catalog to determine specific courses for which there is a charge and for the amount of the charge.

LEAP Program Fee. All students participating in the LEAP Program are required to pay a **nonrefundable** \$400 fee to cover the services provided by the program.

Motor Vehicle Registration Fee. Motor vehicles operated or parked on Winthrop University property by students must be registered. Resident students may register one vehicle. Commuting students may register two vehicles. Registration fees are set annually and are billed to the student's account.

Commencement Costs. All students participating in the commencement exercises must wear appropriate academic regalia which is available through The Bookworm (the University's bookstore.)

Textbooks and Materials Cost. The cost of textbooks and materials needed for class work is not included in the regularly assessed fees and varies in accordance with the requirements of specific courses. Most textbooks and materials must be acquired at the beginning of a semester and are available on a cash basis from The Bookworm.

Fee Payment Schedule

Fee payments are due by 5 p.m. in the Cashier's Office on or before the dates specified in the Winthrop University *Schedule of Courses* and supplements issued prior to each registration. All checks and money orders are to be made payable to Winthrop University. Payments must be mailed to the Cashier's Office, Winthrop University, Rock Hill, South Carolina 29733, or pay via our website at www.winthrop.edu/cashiers. Remittance and correspondence must clearly identify the student whose account is affected through reference to the student's legal name and student number.

Important note for students who have zero or credit balances on their invoice: Even if no balance is due, resulting from financial aid, prepayments, or other credits, students must notify the Cashier's Office by the deadline to avoid cancellation of their registration. Students with zero balances may request validation at our website at www.winthrop.edu/cashiers.

Monthly Payment Plan

Students may pay their academic, room, and board fees monthly by enrolling in the Winthrop Monthly Payment Plan (WPP).

The features of WPP are as follows:

1. Only academic, room and board fees are deferrable—any previous balance and all miscellaneous charges such as traffic fines, library fines, etc. are payable in full each month.
2. Incoming freshmen or transfer students are automatically eligible to participate. Returning students will be eligible as long as they have a satisfactory credit history with Winthrop.
3. An application for participating in the WPP will be included in each semester's billing for academic, room, and board fees. The student needs only to complete the application and return the required payment by the fee payment deadline.
4. There will be four equal payments per semester. Payments are due on or about the 5th of each month.
5. Failure to make monthly payments as agreed may result in the student being ineligible for participation in future semesters.

TUITION AND FEES

6. There is an administrative fee semester for participating in the WPP. The student must sign up for WPP for each semester desired.
7. A late fee will be assessed each month in which the payment is not received by the due date.

Any questions about the WPP should be directed to the Controller's Office in 19 Tillman, by phoning 803-323-2165, or by accessing our website at www.winthrop.edu/cashiers/wpp.asp.

Tuition Adjustments for Withdrawals

Students who are admitted and register for courses at Winthrop University are financially responsible for fees and charges associated with those courses. Therefore, students are encouraged to complete all courses for which they register. In the event it becomes necessary for a student to drop one or more courses or completely withdraw from the University, an academic charge adjustment may be made using the following guidelines.

Academic Fee Adjustments for Courses Dropped - All Students

Should a student need to drop one or more courses (which brings them below 12 credit hours) but not completely withdraw from the University, the following adjustments to academic charges will be made.

<i>Date Course(s) Dropped*</i>	<i>Percentage of Adjustment</i>
Before the end of the 1 st week of classes	100%
Before the end of the 2 nd week of classes	75%
Before the end of the 3 rd week of classes	50%
Before the end of the 4 th week of classes	25%

*The week for academic fee adjustments begins with the 1st day of classes scheduled for the term.

Academic Fee Adjustments for First Time Freshmen Who Withdraw

First time freshmen who withdraw from the University before 60% of the term is completed will be eligible for a prorated adjustment of academic fees. This adjustment will be calculated using the number of weeks enrolled divided by the number of weeks in the term, rounded down to the next 10%.

<i>Date of Withdrawal*</i>	<i>Percentage of Adjustment</i>
Before classes begin or	
Before the end of the 1 st week of classes	100%
Before the end of the 2 nd week of classes	80%
Before the end of the 3 rd week of classes	80%
Before the end of the 4 th week of classes	70%
Before the end of the 5 th week of classes	60%
Before the end of the 6 th week of classes	60%
Before the end of the 7 th week of classes	50%
Before the end of the 8 th week of classes	40%
Before the end of the 9 th week of classes	40%

*The week for academic fee adjustments begins with the 1st day of classes scheduled for the term.

TUITION AND FEES

Academic Fee Adjustments for all other Students Who Withdraw

Students, other than first time freshmen, who withdraw from the University will be eligible for academic fee adjustments listed below.

<i>Date of Withdrawal*</i>	<i>Percentage of Adjustment</i>
Before the end of the 1 st week of classes	100%
Before the end of the 2 nd week of classes	75%
Before the end of the 3 rd week of classes	50%
Before the end of the 4 th week of classes	25%

*The week for academic fee adjustments begins with the 1st day of classes scheduled for the term.

NOTICE: Adjustments to tuition and fees are calculated from the date of official withdrawal or reduction of course load. Students must complete the appropriate forms for either reduction in course load or withdrawal. Reduction in course load is initiated in the Registration Office in 102 Tillman. Withdrawal is initiated in the Office of Enrollment Management in 102 Tillman.

Housing and Meal Adjustments are determined in the Residence Life Office. A schedule of adjustments is available to students in the Residence Life Office, 233 Dinkins.

IMPORTANT: Students Receiving Title IV Federal Financial Aid

Students who receive funds from the Federal Pell Grant, Federal SEOG, Federal Perkins Loan, Federal Direct or PLUS Loans and withdraw from the University are subject to the Return of Title IV Funds regulations.

Simply stated, students with funds from any of these programs “earn” their financial aid dollars while enrolled. If a student withdraws prior to completing 60% of a term, a prorated portion of the federal financial aid dollars must be considered “un-earned” and returned to the federal programs. Unearned financial aid dollars which have to be returned to the federal aid programs could cause students to owe the University a significant amount upon withdrawal.

In addition to the amount of federal aid that Winthrop must return, students who received financial aid for other educational costs, including off-campus living expenses, may be required to repay a portion of those funds to the federal programs. Failure to return aid due back to the federal aid programs will result in loss of eligibility for federal financial aid assistance.

Federal aid funds to be returned are distributed to the programs in the following order:

- Unsubsidized Federal Direct Stafford Loan
- Subsidized Federal Direct Stafford Loan
- Federal Perkins Loan
- Federal PLUS Loan
- Federal Pell Grant
- Federal SEOG
- Other Title IV programs

TUITION AND FEES

Treatment of State, Institutional, and Outside Grants and Scholarships for Student Withdrawal

Students will be allowed to retain the same percentage of state and institutional scholarships and grants as the percentage of academic fees charged to them. Funds from outside sources will be treated in accordance with program guidelines from the agency providing the award.

Refunds Due to Student Withdrawal

Any credit balance which may occur due to withdrawal will be processed and returned to the student after the required amounts of financial aid have been returned to the financial assistance programs. When forms required for reduction of course load or complete withdrawal are filed in a timely manner, it is anticipated that this process would be completed in 14 days from the date these forms are submitted.

Additional Information

For additional information on the following topics related to fee adjustments, please contact the following offices.

Registration for courses	102 Tillman	323-2194
Financial aid programs	119 Tillman	323-2189
Tuition, fee adjustment	19 Tillman	323-2165
Housing and meal adjustment	233 Dinkins	323-2223

Repayment

Repayment refers to the amount of any cash disbursement made to the student that the student must repay to the University after the student has withdrawn.

Any student who owes a repayment will be billed by the Controller's Office. Students who are unable to fulfill their financial obligations may contact the Controller's Office to arrange a satisfactory payment agreement. Any student who fails to meet the terms of the agreement will have a "financial hold" placed on their academic record which prohibits receiving a diploma, obtaining grades or a transcript, or registering for subsequent courses at Winthrop University. These students may also be subject to collection agency referral.

Federal regulations dictate refund/repayment policies for recipients of Federal Title IV Funds. Financial aid recipients are encouraged to request additional information and examples of the refund calculation from the Office of Financial Aid.

Past Due Indebtedness

Students are expected to keep their accounts current with the University. Any student with past due indebtedness is not allowed to obtain grades, a transcript, or a diploma, or to enroll for any subsequent semester or summer term. The University reserves the right to cancel the enrollment of a student with past due indebtedness; the cancellation of enrollment, however, does not relieve the student of the incurred debt.

Under the provisions of Sections 12-54-410 through 12-54-500 and 12-53-20 of the SC Code of Laws, the South Carolina Tax Commission is authorized to seize refunds otherwise due to taxpayers who have delinquent debts to Winthrop.

In the event an account becomes delinquent, the University reserves the right to assign the account to the credit bureau and/or a collection agency, at which time the student will be responsible for all associated collection costs.

Returned Check Policy

A personal check given in payment of University expenses, which is subsequently returned by the bank unpaid, immediately creates an indebtedness to the University.

TUITION AND FEES

Once the Cashier's Office has been notified by the bank of a returned check, a letter is sent to the issuer of the check. The issuer of the check will have ten (10) days from the date of this letter to redeem the check by paying the full amount of the check, plus a returned check penalty equal to the maximum amount permitted by law (SC Code of Laws, section 34-11-70). Payment of a dishonored check must be made by cash, cashier's check, money order, or Visa, Mastercard, or Discover credit cards.

If a returned check remains unpaid, collection efforts will be followed as allowed by the Code of Laws of South Carolina sections 34-11-70.

A student with a total of three returned checks will be placed on the "Cash Only" basis for the remainder of his/her enrollment.

Classification as a South Carolina Resident for Fee Purposes

Winthrop University is required under guidelines enacted by the South Carolina Legislature to determine the residence classification of students for purposes of fees and tuition.

South Carolina's law providing for lower tuition and fees for legal residents of the state defines domicile as "... a person's true, fixed, principal residence and place of habitation. It shall indicate the place where such person intends to remain, and to which such person expects to return upon leaving without establishing a new domicile in another state." –South Carolina Code 59-112 to 59-112-100(1976). The law applies to a student's own legal residence if the student is independent of his/her parent, guardian or spouse. If the student is claimed as a dependent for income tax purposes and/or receives more than half of his/her support from a parent, guardian, or spouse, the law applies to the legal residence of the person who provides the principal support.

The initial determination of one's residence is made at the time of admission by the director of admissions for undergraduate students and by the registrar for graduate students. No other university personnel are authorized to provide information on residency requirements for tuition purposes. The registrar makes determination of residency after a student's initial enrollment. If the residence of a person is in question, the burden of proof resides with the person applying for a change of resident classification. Such person must submit required evidence to document the change to resident status. The completed application and supporting documentation must be submitted by the last day of registration for the semester. Applications received after this date will be considered for the next semester.

Students who wish to appeal a residency decision may submit a request to the dean of enrollment management who is the university's appellate official. Neither the primary residency officials nor the appellate official may waive the provisions of the Statute governing residency for tuition and fee purposes.

Except in cases of institutional error, persons classified incorrectly as residents are subject to reclassification as a nonresident and to payment of all nonresident fees not paid. If incorrect classification from institutional errors occurs, the student will be subjected to reclassification beginning the next academic session. The violator may also be subject to administrative, civil, and financial penalties. Until these charges are paid, such persons will not be allowed to receive transcripts from a South Carolina institution.

Applicants for undergraduate admission should direct questions to: Office of Admissions, Joynes Hall, (803) 323-2191 or (800)763-0230. Applicants for graduate admission and continuing students should direct questions to: Records and Registration, 102 Tillman Hall, (803) 323-2194. Complete information on South Carolina residency can be found on the following website:

www.winthrop.edu/admissions/scresidency/default/htm.

Financial Assistance

At Winthrop University we believe that higher education should not be a privilege reserved for those who can afford it, and the Office of Financial Aid is committed to helping Winthrop students find appropriate ways to finance their education.

Scholarships

New Freshmen

Winthrop offers a number of scholarships to students who will benefit from a quality education and will leave Winthrop a better place for having been here. Scholarships range in value from awards of several hundred dollars to full tuition, room, and meals for exceptionally high achievers.

Students who submit an application for admission by January 15 will receive priority consideration for the University's academic awards. All students who apply for freshman admission are automatically considered for academic scholarships; there is no separate application. Awards are based primarily on the student's high school record and SAT or ACT scores.

Academic scholarships are available for eight semesters of study provided the student maintains a specified grade point average. The Office of Financial Aid verifies GPA's at the end of the spring semester of each academic year. Any student who fails to meet the GPA requirement will be given one opportunity to improve the GPA by enrolling in summer school at Winthrop. If the student meets the GPA requirement at the end of the summer, the scholarship will be retained. Any summer course work taken under these circumstances will be at the student's expense.

Students with special talents also have the benefit of scholarship support. The College of Visual and Performing Arts offers scholarship consideration to talented students through audition or portfolio review. Students with outstanding athletic skills should contact the Athletic Department to determine their qualifications for scholarships which are offered in all of Winthrop's varsity programs.

Continuing Students

Scholarship support is awarded to continuing Winthrop students on the basis of their academic achievement at the University and/or participation in extracurricular activities. High-achieving students will be invited to submit a scholarship application to the Office of Financial Aid during the spring semester.

Need-Based Financial Aid

Students who wish to apply for need-based financial aid should submit a completed Free Application for Federal Student Aid (FAFSA) to the Federal Student Aid Programs and list Winthrop University (code # 003456) as a recipient of their financial data. The FAFSA is available in early December and may be obtained at high school guidance offices or at the Office of Financial Aid at Winthrop.

The Office of Financial Aid mails FAFSA application information to all admitted freshmen who indicate an interest in need-based aid on the admissions application. Continuing students may obtain an application packet from the Office of Financial Aid.

The FAFSA should be filed as soon after January 1 as accurate income information is available. Although the Office Financial Aid processes applications for financial aid throughout the course of the academic year, students who file the FAFSA by March 1 receive priority consideration for assistance.

The FAFSA is used to determine a student's eligibility for Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, South Carolina Need-Based Grants, Federal Perkins Loans, Federal Direct Student Loans, and Federal Work-Study.

All awards of need-based financial aid are made annually, and students must reapply each year in order to be considered for assistance.

FINANCIAL ASSISTANCE

Campus Employment

Students who wish to work on campus may review the job opportunities posted in the Office of Financial Aid. The office has listings for campus positions which require the Federal Work-Study subsidy and those positions which do not require Work-Study.

Emergency Loans

The McFadden Loan Fund, a short-term (30 days) emergency loan program, is available to students experiencing financial emergencies. Currently enrolled students in good standing may borrow a maximum of \$200. Please contact the Office of Financial Aid for details on eligibility requirements and application procedure.

Satisfactory Academic Progress Requirement to Receive Financial Aid

Winthrop University's academic regulations specify the minimum cumulative grade point average a student must earn in order to avoid being placed on academic probation or suspension. (See page 43.) Students eligible to continue enrollment at Winthrop will be eligible to receive financial assistance as long both the following conditions are met. First, students must earn 2/3 of all hours attempted at Winthrop. Second, a student's total hours attempted for a first baccalaureate degree may not exceed 186.

For transfer students, hours attempted at Winthrop may not exceed 186 less the number of transfer hours accepted by the University.

Students who are eligible to continue enrollment and who have earned 24 semester hours during the most recently completed academic year will be eligible to receive aid. Students who earn at least 12 hours during the most recently completed semester and who are eligible to continue enrollment will be eligible to receive aid.

Academic progress to receive aid will be reviewed at the end of each spring semester. Students who do not meet the progress requirement will be notified in a timely manner to allow attendance of summer sessions to meet the requirement. Financial aid will not be available for summer school attendance to students who do not meet the progress requirement.

Students who successfully complete 9 semester hours in summer sessions and are allowed to continue enrollment at the University will be determined to have met the academic progress requirement to receive aid.

Students denied financial aid due to lack of academic progress may appeal to the university's scholarship committee. Copies of the university's academic progress policy to receive financial aid and forms to appeal the loss of aid may be obtained in the Office of Financial Aid located in 119 Tillman Hall.

Withdrawal During an Academic Term

Students who receive federal financial assistance including Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Perkins Loan, Federal Direct and PLUS Loans **will have their aid reduced on a pro-rata scale if they withdraw prior to the 60% point in the term.** Academic fees and room/board charges may not be reduced, (See pages 18-19 for information on fee changes upon withdrawal.) Aid from other sources such as the State of South Carolina, Winthrop Scholarships, and outside programs may also be adjusted if students withdraw during the time the University adjusts its academic fees.

For the Fall 2003 semester, students who withdraw prior to November 3, 2003, will have federal aid reduced significantly. (For the Spring semester, the date is March 25, 2004.) This reduction is required by federal law if a student is receiving assistance through any of the federal financial aid programs and may result in the student owing the University.

FINANCIAL ASSISTANCE

Information

For additional information regarding financial aid programs, application procedures, or aid awards, please contact the Office of Financial Aid at (803) 323-2189, or by e-mail at finaid@winthrop.edu, or visit our website at: www.winthrop.edu/finaid.

Veterans' Benefits

Winthrop is approved by the State Approving Section, South Carolina State Department of Education, for training of eligible veterans, children of deceased or disabled veterans, and disabled veterans. Contact the Veterans Administration Regional Office, 1801 Assembly Street, Columbia, South Carolina, 29201, for information and necessary forms.

The Veteran or eligible person should contact Winthrop's Veterans Affairs Coordinator, 101 Tillman Hall, at least 45 days before the start of the semester in which the student plans to enter the University.

Children of disabled or deceased veterans may receive additional assistance for payment of tuition and fees. For information regarding eligibility and applications, write to the State Approving Section, South Carolina State Department of Education, Rutledge Office Building, Columbia, South Carolina 29201. Students who are eligible for the Free Tuition benefit administered by the SC Department of Veterans Affairs must notify the Financial Aid Office of their intent to enroll at Winthrop University prior to the beginning of each academic year.

In order to receive veterans' benefits, veterans and other eligible persons must read and sign a "Veteran's Compliance Agreement" (available in the Veterans Affairs Office), indicating their understanding of the agreement and their willingness to comply with the procedures and regulations therein. These regulations require that the Veterans Affairs Coordinator be informed without delay of the number of semester hours in which the student is enrolled each term, of any changes in that enrollment, and of any changes in the student's degree program.

Student Support Services and Facilities

From orientation to graduation, Winthrop University offers a wide variety of services, facilities, and co-curricular activities which foster total student development, support the academic curriculum, and enhance the quality of campus life. Through participation in student organizations, students can make valuable contributions to the Winthrop community while gaining leadership and personal experience.

Student services and activities allow all Winthrop students, residents and commuters alike, to experience student life in a number of exciting and challenging ways. Some of the student programs, facilities and activities offered are:

Academic Computing

Winthrop University Academic Computing supports the instructional and research functions of the University. Within the Division of Computing and Information Technology, Academic Computing provides access to diverse computing resources. These resources include an HP Tru64 UNIX AlphaServer, other UNIX servers and workstations, Windows XP microcomputer networks, laboratories with microcomputers, and access to OpenVMS clustered AlphaServers. Over 20 computer laboratories supporting PC, Macintosh, Linux, and UNIX systems are available on campus for open access and instructional needs.

Winthrop's host computers have an assortment of programming languages such as Ada, BASIC, C, C++, COBOL, Fortran, Java, LISP, and Pascal. Microcomputer networks and laboratories provide computing resources for support of instructional and research applications. Typical applications include desktop publishing, database management, spreadsheet analysis, graphics, communications, word processing, statistical analysis, and mathematical computation. Specific applications include Microsoft Office Premium, Frontpage, Internet Explorer, PC-SAS, SPSS, Mathematica, and Microsoft Visual Studio. Some labs support additional software including AutoCAD, Photoshop, and other design applications.

All main campus buildings and residence halls are connected to the campus network and Internet through fiber optic cable. Students are provided with consolidated computing services including web based email, central server storage space, and personal web pages.

The Academic Computing Center also provides computer access for visually impaired students, as well as Braille printing services. General operational hours for Academic Computing labs are posted at:

http://www.winthrop.edu/acc/docs/Lab_Info.asp

For additional information on Academic Computing, visit <http://www.winthrop.edu/acc> or call 803-323-3491.

Campus Police

Campus Police is located in the Crawford Building. The department is a full-service police agency serving the Winthrop community by providing law enforcement services 24 hours a day, seven days a week. Their services include handling emergency situations, protecting life and property, crime prevention, and traffic control. The officers are available to provide presentations on safety tips and crime prevention.

The yellow emergency phone call boxes located throughout the campus connect the caller to Campus Police in case of an emergency. Campus Police can be contacted by dialing 3333.

Career Services

The Department of Career Services wants to assist students with the exploration of

STUDENT SUPPORT SERVICES AND FACILITIES

career options beginning in the freshman year and continuing throughout college and professional life. Numerous programs are offered to facilitate a student's decision-making process, from selecting a major to developing a career. Services offered to assist students in this process include career assessment tools (Strong Interest Inventory and the Myers-Briggs Type Indicator), career counseling, and a career library.

The staff is dedicated to teaching students effective job search skills that can be used in the initial job search, as well as in making subsequent career changes throughout their lives. Students are encouraged to take advantage of the following career development services: workshops on Resume Writing, Interview Skills, Networking Techniques, Business and Dining Etiquette, and Money Matters; Cooperative Education, Career Fairs, Alumni Career Network, Career Opportunities On Line (COOL), part-time job listings, Resume Exchange, and full-time job postings.

Charlotte Area Educational Consortium

Winthrop participates in the Charlotte Area Educational Consortium (CAEC), which includes twenty-four colleges and universities in the Charlotte area. Under the CAEC Exchange Program, a full-time undergraduate student at Winthrop may be allowed to enroll in an additional course at a member school at no additional academic fee charge, provided the additional course does not enroll the student in a course overload. (The Exchange Program is available only during fall and spring semesters.) Information concerning this program is available in the Records and Registration Office, 102 Tillman.

Clubs and Organizations

Campus Ministries and Religious Organizations. Winthrop offers a variety of religious organizations for those who are interested in further pursuing their faith, or even just for building strong and lasting friendships with other members of their faith. These groups include:

Alpha Omega	Presbyterians & Catholics Together (PACT)
Baptist Collegiate Ministries	Reformed University Fellowship
Campus Crusade for Christ	Tabernacle of Praise Student Outreach
Collegiate Women for Christ	Wesley Foundation
Fellowship of Christian Athletes	
Impact	
Lutheran Campus Ministry	

Club Sports. If recreational sports are something you are interested in, Winthrop's collection of club sport groups spans a wide range of sports, including Winthrop Fencing, Lacrosse Team, and Rugby.

Departmental and Professional Student Organizations. Many academic programs are supported in part by departmental student organizations. These groups offer students a chance to learn more about their career field and make valuable professional contacts. Among the student organizations offered by those departments are:

Alpha Kappa Psi (Business)	National Art Education Association (NAEA)
American Chemical Society	National Students of Speech, Language, and Hearing Association
American Choral Directors Association	National Association for the Advancement of Colored People
American College of Healthcare Executives	Pre-Law Society
Art History Association	Psychology Club
Association of Computing Machinery	Phi Mu Alpha Sinfonia
Association of Collegiate Entrepreneurs	Social Work Club
Chi Sigma Iota	

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Council for Exceptional Children (Special Education)	Society of Professional Journalists
Delta Omicron (Music)	South Carolina Education Association (SCEA)
Dinkins Student Union	Student Dietetic Association
Human Resource Management	Symposium (Philosophy)
Interior Design Organization	Winthrop Association for Family & Consumer Sciences
Literary Society	Winthrop Ambassadors
MBA Association	Women in Communications

Interest Groups. A diversity of special interest groups abound on the Winthrop campus to meet every type of hobby or special interest, from fitness to helping the homeless. Some of these groups include:

Anthropos	Piedmont Otaku Council
Association of Collegiate Entrepreneurs	South Carolina Early Childhood Association
Association of Computing Machinery	Student Athletic Trainers Organization
Association of Ebonites	Student Dietetic Association
Association for Women in Communications	Student Environmental Council
Circle K	Students Stand up Against Violence Symposium
Club Med	Socialist Student Union
College Republicans	Student Alumni Council
Dinkins Student Union	Taking Integrity Back
GLOBAL (Gay, Lesbian, Bisexual and Ally League)	Walking in Rhythm--Dance Club
Habitat for Humanity	Winthrop Gaming Guild
International Club	Winthrop Organization of Disabled Students
Literary Society	
March of Dimes	
Model UN	
National Student Speech, Language and Hearing Association	

Sororities and Fraternities. Many Winthrop students enjoy affiliations with national Greek-letter organizations. The eight sororities and seven fraternities serve to enhance the social and service-oriented atmosphere of the University and are governed by three councils: the National Pan-Hellenic Council, the Interfraternity Council, and the Panhellenic Council. Winthrop has chapters of the following sororities and fraternities:

Sororities	Fraternities
Alpha Delta Pi	Alpha Phi Alpha
Alpha Kappa Alpha	Kappa Alpha Psi
Chi Omega	Kappa Sigma
Delta Sigma Theta	Omega Psi Phi
Delta Zeta	Phi Beta Sigma
Sigma Gamma Rho	Sigma Alpha Epsilon
Sigma Sigma Sigma	Tau Kappa Epsilon
Zeta Tau Alpha	

Community Service

The Department of Student Affairs coordinates community service-learning as a component of its student services, with emphasis on connecting students interested in

STUDENT SUPPORT SERVICES AND FACILITIES

service with community agencies. This includes the America Reads Challenge in which Federal Work-Study students tutor elementary age children in reading, the Close Scholars program, Winthrop AmeriCorps, assisting professors when requested with community service-learning activities in the classroom, giving presentations on community service for residence halls and organizations, and acting as a clearinghouse for volunteer opportunities in the Rock Hill and York County area. Community agencies and organizations can call the Service Learning Center to indicate their needs, and the office will attempt to let individual students as well as student organizations know about the needs of these agencies. The office also coordinates special service events such as volunteer Week, Alternate Spring Break, and the Make a Difference Day service project. Students and student groups may call the office for information on current service opportunities.

In addition to most Greek and religious organizations, there are several student organizations that have a primary focus in service including AmeriCorps and Circle K International.

Cooperative Education

Cooperative Education (Co-op) provides students with the opportunity to obtain professional experience in their major or field of interest while earning academic credit and/or an hourly wage. Part-time positions are available in all academic majors, allowing students to integrate classroom knowledge with the “real world” of work.

Co-op is one of the best ways for students to:

- Confirm the choice of a major
- Explore potential career choices
- Obtain marketable experience
- Develop professional contacts
- Earn academic credits

Council of Student Leaders

The Council of Student Leaders was formed in December 2001 to allow students an ad hoc continuing role in institutional decision-making. The Council consists of key student office holders in major student organizations (RSA, IFC, NPHC, Panhellenic Association, DSU) and other interested students. The Council of Student Leaders meets regularly with the Dean of Students. The Dean of Students informs the Council of pertinent university business and asks the Council’s advice on appropriate issues so a vital student voice is heard on university matters.

Dinkins Student Center

The headquarters for student life on the Winthrop campus is Dinkins Student Center. The facility houses administrative offices, including the Vice-President for Student Life, Dean of Students, Residence Life, the Service Learning Center, and the Department of Student Affairs, which includes Student Activities, Multicultural Student Life, and Greek Life. The Center is also home to the Council of Student Leaders, Dinkins Student Union, and the post office, as well as a food court, the ID office, a small auditorium, and organizational meeting rooms.

Dinkins Student Union (DSU)

Dinkins Student Union, located in Dinkins Student Center, addresses the activities needs of the student body and is the primary programming service on campus. DSU provides a broad spectrum of entertaining and educational programs including coffee house acts, concerts, guest speakers, comedians, and special events. Through the Union’s programming board and committees, students gain valuable experience in managing and organizing these events.

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Distance Learning

Winthrop University is a leader in instructional technology, featuring the Distance Education Classroom in the College of Business Thurmond Building. Utilizing a T1 digital configuration and a state-of-the-art fiber optic technology through the BEACON (Business, Education, and Community Online Network) System, classes are fully interactive between Winthrop and the remote site. Students and teachers communicate with each other simultaneously in classrooms outfitted with robotic cameras, TV monitors, desk microphones, and a fully equipped television control room.

MBA candidates at Coastal Carolina University in Conway, SC, are on-line with Winthrop to take advantage of this learning opportunity. Winthrop's MBA degree is the same AACSB accredited program that has enjoyed more than 20 years of success serving the Charlotte Metrolina region.

In addition, credit courses are being transmitted to York Technical College in Rock Hill on the BEACON network. Dual credit courses are also offered using both the T1 and fiber optic technologies to local area high schools. These students can earn college credit as well as fulfill their high school graduation requirements.

Health and Counseling Services

Counseling Services

The Counseling Services staff help students deal with a variety of personal concerns, including family and relationship difficulties, low self-esteem, stress and anxiety, depression, alcohol and drug abuse, sexual abuse, and eating disorders. Short-term individual, couples, and group counseling are free and confidential. Learning assistance is available to help students improve study, test-taking, and time-management skills. Wellness services, including outreach seminars and individual consultations, are provided to educate students about health-related issues. Services for students with documented disabilities are available to remove barriers that impede academic success. The College-Level Examination Program (CLEP), Graduate Record Examination (GRE), Miller Analogy Test (MAT), and Praxis Series tests are administered. For additional information, call (803)323-2233 or come by 203 Crawford Building between the hours of 8:30 a.m. and 5:00 p.m., Monday through Friday.

Health Services

Students' health needs are met by the professional staff of Health Services. The nurse practitioner and nurses on duty provide acute care on a walk-in basis from 8:30 a.m. to 5 p.m., Monday-Friday. Some physician and laboratory procedures involve a charge that will be billed to the student. Students must have complete health records on file to receive the service. For emergencies or after-hours services, community health care facilities are within a few miles of the University.

Students having chronic health problems should make arrangements to continue treatment with their current physician or to have their records sent to an appropriate specialist in the Rock Hill area. Health Services is happy to assist in the location of a suitable specialist for a student with a chronic health problem.

A pharmacy is located in Health Services. Medications and prescriptions are available at a reduced fee.

Students are strongly encouraged to be covered by an accident/sickness/major medical insurance policy.

All students currently enrolled in Winthrop University are eligible for Health Services as part of their regular fees. However, the costs of special services such as medication and tests are the responsibility of the individual and are charged to the student's account and should be paid at the Cashier's Office.

Prior to registration at Winthrop University, all students must submit documentation showing compliance with the Winthrop University Immunization Policy. Students not in compliance with the Immunization Policy are not allowed to register for classes.

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Learning Assistance

The Learning Assistance Coordinator provides individual and group instruction to any Winthrop student wanting to improve his or her study, reading, note taking, test taking, and time management skills. For more information call (803) 323-2233.

Services for Students with Disabilities

This office collaborates with departments throughout the University to ensure access and provide reasonable classroom and campus accommodations for students with documented disabilities. Because students' needs are unique, accommodations are provided based on their documentation. At the college level, students who need accommodations are responsible for (1) identifying themselves to and maintaining contact with the disability services office, (2) providing current, appropriate documentation to the disability services office, and (3) requesting the services and/or accommodations they need each semester from the disability services office. The office of Services for Students with Disabilities assists students with all types of disabilities, including mobility, hearing and visual impairments, learning disabilities, ADHD, chronic medical illnesses, etc. For more information on services for students with disabilities, call 803-323-2233 (V/TDD).

Wellness Services

Wellness services, including outreach seminars and individual consultations, promote healthy life-styles through education. Presentations are available on stress management, sexually-transmitted infections, contraception, gender issues, sexual assault, eating disorders, alcohol and other drug use, and related topics. Individual wellness consultations are also available. Wellness Services is a component of Health and Counseling Services. Call 323-2233 for more information.

Honor Societies

As one of the many rewards for high scholastic achievement at Winthrop University, deserving students are eligible for membership in a number of national honor societies. Three societies—*Alpha Lambda Delta*, *Omicron Delta Kappa*, and *Phi Kappa Phi*—recognize honor and overall academic excellence. *Book and Key* is an honorary organization rewarding achievement in the liberal arts. The following lists chapters of Winthrop's honor societies and their departmental designations:

Alpha Kappa Delta (Sociology)	Kappa Delta Pi (Education)
Alpha Lambda Delta	National Residency Hall Honorary
Alpha Psi Omega (Theatre)	Phi Alpha (Social Work)
Beta Alpha Psi (Business Administration)	Phi Alpha Theta (History)
Beta Beta Beta (Biology)	Phi Kappa Phi
Beta Gamma Sigma (Business Administration)	Psi Chi (Psychology)
Book & Key Society	Sigma Delta Pi (Spanish)
	Sigma Tau Delta (English)

Ida Jane Dacus Library

The faculty and collections of Dacus Library are an integral part of the University's instructional program. All freshmen receive basic instruction in library use, and specialized instruction in advanced topics is available. The Dacus On-line Catalog system provides easy access to the library's collections.

The Library's collections have been selected to support the curriculum of the University and are housed in open stacks. Study and lounge seating is interspersed throughout the building. Public workstations for access to the library's electronic resources and to the Internet are available. The library also offers through its catalog access to more than 15,000 electronic books. Special quarters are provided for archives, microfilm, special collections, United States government publications and library instruction. Closed carrels for faculty and graduate student research, as well as facilities for photo duplication and listening, are included.

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The Library's holdings total over 500,000 volumes and volume-equivalents. Included in this figure are books and bound periodicals, microfiche, microcards, and microfilm. In addition, the Library owns over 175,000 U.S. government publications and 2,160 pieces of audio-visual materials, including over 1,000 instructional videotapes. Over 2,300 periodical and serial titles are being currently received, and more than 7,000 are accessible electronically. Dacus Library participates in the national interlibrary loan system.

Instructional Support Labs

Three facilities supplement students' academic programs. The Writing Lab assists students who want to improve their skills in reading, vocabulary and writing. The Math Lab offers individual and small group tutoring, and the Language Lab offers individual audio assistance.

International Center and International Student Life

Winthrop's International Center assists students in making arrangements for study abroad. Winthrop maintains associations with institutions in China, Austria, Germany, Egypt, England, Spain, France, and Australia. Opportunities for summer study abroad are provided through the Center's study abroad programs and through special summer offerings at other foreign institutions.

Characteristic of an institution that encourages diversity, Winthrop University offers support for the unique needs of students from other countries. The Office of International Students helps integrate international students into American society, provides assistance with problems encountered on campus and in the community, and advises students on immigration procedures and other matters.

An international student adviser is available to discuss special concerns or issues with students, while the Winthrop International Club promotes cultural exchange and social activities among the general student population, including an annual International Week in the fall semester. Other events focusing on the diversity of student life are sponsored by interested campus and community groups.

Model United Nations

The Model United Nations is an annual event that brings Winthrop students together with about 70 high school student delegations from across the southeast for a three-day conference in April. The high school delegations assume the role of member nations, with the Winthrop students serving as advisers or on the Secretariat. As students debate world issues and resolutions, the experience provides a greater awareness of international issues within the framework of international policies. In addition, Winthrop students receive academic credit for preparation and participation in the conference.

Multicultural Student Life

Recognizing that a diverse student body enhances campus life for the entire community, Winthrop is strongly committed to attracting achievement-oriented minority students. Accordingly, the University supports a broad range of activities and services dedicated to the enrichment of minority students.

Many of Winthrop's 100 clubs and organizations are of particular interest to African-American students. The Association of Ebonites (AOE), founded in 1968, sponsors cultural events and offers a variety of educational and personal growth opportunities.

Winthrop's fraternities and sororities include historically black Greek letter organizations which provide social, academic, and service avenues for students. Winthrop also publishes *The Roddey-McMillan Record*, which focuses on multicultural issues.

The Jewish Student Organization, NAACP, The Bridge (a multicultural theatrical group), and Taking Integrity Back (a bi-weekly discussion group) also provide opportunities for students interested in multicultural activities.

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National Student Exchange

Winthrop students can experience the excitement of studying at another college or university for up to one year while paying Winthrop's tuition. Exchanges with more than 170 colleges and universities throughout the United States are encouraged during a student's sophomore or junior year. Information on the National Student Exchange is available from the NSE Coordinator located in 218 Dinkins Student Center, 323-2248.

Orientation

Orientation sessions are offered each summer to introduce new students to the educational and social opportunities available at Winthrop University. Four sessions are offered in the summer for freshmen. During this time, students meet with faculty advisers to select courses and register for fall classes. They will attend interest sessions dealing with all aspects of college life. Select upperclassmen serve as Orientation Assistants and will answer questions and assist students throughout the program in a variety of ways. Orientation also provides new students with an opportunity to get to know other students and make new friends before classes begin.

An orientation program for family members of new students is also offered during the first day of Student Orientation. Families meet with faculty, staff, students, and administrators to discuss academic programs, participate in information sessions, and learn about campus facilities and services.

An orientation program specifically geared toward transfer students is offered in May. Transfer students who are unable to attend May orientation can receive a one-on-one orientation with their academic adviser later during the summer, or they may attend the late transfer registration program.

Welcome Week

As an extension of the orientation program, Welcome Week provides opportunities for new students to become acquainted with and involved in events on the Winthrop campus. Welcome Week is full of informative, exciting and fun activities, some of which are designed to help identify resources that are available. Others will help students make informed choices related to personal, academic, and social life. During Welcome Week, students are introduced to members of campus organizations, and activities are designed to integrate new students into the University community. Evening entertainment is coordinated by Winthrop's nationally acclaimed Dinkins Student Union and brings a wide variety of talented performers to campus.

Publications

Students have the opportunity to gain valuable practical experience through service on one of several publications staffs: *The Johnsonian*, the student newspaper; *The Tatler*, the yearbook; *The Anthology*, a literary magazine; and *The Roddey-McMillan Record*, a minority interest newspaper.

Residence Life

Winthrop offers full-time students many types of living arrangements to meet individual needs and preferences. Seven campus residence halls and one apartment building offer comfortable, air-conditioned facilities with internet access options ranging from traditional halls with community baths suites and modern apartments. Students must be enrolled for 12 semester hours to be eligible for campus housing. Students who live in the residence halls are required to have a meal plan.

All residence halls are within easy walking distance of classes, Dacus Library, Thomson Cafeteria, and Dinkins Student Center. Laundry facilities, study rooms, kitchens and eating areas are available in most residences. Linen service is not provided by the University. Rooms are furnished for double occupancy. However, if space is available, students may contract for private rooms at an additional cost. The Courtyard is open year round. Roddey apartment assignments are made with priority given to married, single parent families, international, and graduate students.

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Apart from providing physical facilities, the residence halls also foster interaction and involvement among residents. Students are encouraged to participate in hall councils and in the Resident Students Association, an organization which promotes a sense of community among the residence halls. Residence organizations include:

Resident Students' Association	Richardson Hall Council
Roddey Apartment Association	Thomson House Council
Lee Wicker Hall Council	The Courtyard Hall Council
Margaret Nance Hall Council	Wofford Hall Council
Phelps Hall Council	

All students assigned to campus housing must sign a contract relating to the terms and conditions of occupancy. It is important that a student read the contract before signing and be thoroughly familiar with its terms. Violation of terms of the Housing Contract can result in immediate removal from living in the halls and subject the violator to further proceedings in accord with the Student Conduct Code. All students signing residence hall contracts must pay \$100 at the time the contract is signed, \$50 of which will be credited against their fall room rent and \$50 against their spring room rent.

Sports and Recreation

The University offers a variety of intercollegiate sports for men and women. Winthrop is a Division I member of the NCAA and a charter member of the Big South Conference. Conference championships are played in both men's and women's sports programs. The Winthrop Eagles field teams in both men's and women's basketball, tennis, golf, soccer, track and cross country; men's baseball; and women's volleyball and softball. Winthrop has excellent athletic facilities which are clustered in a beautiful lakeside setting.

Winthrop offers a spirited and competitive recreational sports and intramural program that includes softball, basketball, soccer, aerobics, tennis, volleyball, plus other individual and team sports. In addition to traditional men's and women's leagues, co-ed activities are available. Fitness related activities are also offered including step aerobics and body sculpting.

Members of the Winthrop community have a wide variety of leisure and recreational facilities available to them. The Winthrop Coliseum, located within a mile of campus, is a modern arena seating 6,100. In addition to its intercollegiate facilities, the Coliseum houses a weight room and a training room.

Behind the Coliseum lies Winthrop Lake and the University's 380-acre recreational complex, featuring baseball and softball fields, soccer fields, a cross country course, and golf and disc golf courses. Adjacent to the lake is the Shack, traditionally a gathering spot for student activities.

The Outdoor Development Center, also known as the Ropes Course, is located here as well. Groups and organizations use this facility to develop team-building and leadership skills through a series of unique, problem-solving exercises.

Facilities on Winthrop's main campus include two basketball gyms, a dance studio, a weight room, and an indoor swimming pool, all housed in Peabody Gymnasium. Six lighted and an all-purpose playing field are located adjacent to Peabody.

Student Identification Cards

Each registered student must obtain an official identification card. Identification cards are nontransferable and must be presented to appropriate University officials upon request.

Victim Advocacy

Victim advocacy services will be provided to any Winthrop student who has been victimized by crime. These services include but are not limited to: providing immediate crisis intervention, informing victims of their rights, assisting victims throughout the

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investigation and prosecution of the crime, and serving as a liaison for the student within the college community. The victim advocate services are available to any currently enrolled Winthrop student, whether the crime occurred on or off campus and whether the victim chooses to file an official report with Campus Police or the Rock Hill Police Department. All communication with administrative offices is handled with the utmost discretion. For more information regarding this program, contact Campus Police at 323-3333.

Visual and Performing Arts

Winthrop University is committed to helping students develop fully as well-rounded, educated persons. In an effort to provide a setting which facilitates intellectual and cultural growth, the University offers numerous opportunities to enhance students' appreciation of the arts. Whether through participation or attendance, students further develop their artistic talents, perceptions, and understandings. The following lists performing groups on the Winthrop campus:

Guitar Ensembles	Collegium Musicum
Chorale	Opera Workshop
Glee Club	Chamber Ensembles
Jazz Voices	Percussion Ensemble
Symphonic Band	Brass Ensembles
Jazz Ensemble	Winthrop Theatre
Jazz Combos	Winthrop Dance Theatre
Woodwind Ensembles	Symphonic Wind Ensemble
Chamber Singers	Flute Choir
Pep Band	

Visual and Performing Arts Facilities

To support the University's arts curricula, as well as a diverse range of cultural offerings, Winthrop maintains several versatile performing spaces. Byrnes Auditorium, seating 3,500 and the adjoining 216-seat Frances May Barnes Recital Hall. Tillman Auditorium has a seating capacity of 700. Johnson Hall includes a 331-seat proscenium theatre, a 100-seat studio theatre, an actors' studio, and two dance studios.

In addition, Winthrop Galleries, comprised of two professional spaces in the Rutledge Building and a student gallery in McLaurin, provide an array of exhibition spaces. The works of faculty, students, and regional and national artists are presented on a regular basis.

Writing Center

The Writing Center, located in 220 Bancroft Hall, provides a free writing consulting service to all members of the University community: students, staff, administrators, and faculty. The Writing Center's purpose is to help writers at all levels learn more about their writing through tutoring sessions. Tutors help writers learn to analyze assignments, address audiences appropriately, improve their composing processes, strengthen the focus and organization of their writing, and improve their control of the language. While the Writing Center cannot provide a proofreading/editing service or a guarantee of better grades, our tutors will help improve writing skills. The primary purpose is to improve writing in the long term.

Although operating hours may vary from semester to semester, the Writing Center is open at least five days a week, with some evening and weekend hours. Scheduling an appointment assures that a tutor will be available. To make an appointment, call 323-2138.

Student Rights and Regulations

Student Conduct Code: General Conduct Policy

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth.

Freedom of the individual may be defined as the right to act or speak, so long as it does not adversely affect the rights of others. Believing in this concept, Winthrop University protects freedom of action and freedom of speech for both students and employees, so long as it is not of an inflammatory or demeaning nature and does not interfere with the students' living and study conditions and the administration of institutional affairs. It constitutes a disruptive act for any member of the University community to engage in any conduct which would substantially obstruct, interfere with or impair instruction, research, administration, authorized use of University facilities, the rights and privileges of other members of the University community, or disciplinary proceedings. Moreover, Winthrop University is committed to improving the quality of student life by promoting a diversified educational and cultural experience for all its students. Therefore, racist conduct or other acts of bigotry are not tolerated.

Rights and freedoms imply duties and responsibilities. Note should be taken that a student who exercises his or her rights as a private citizen – whether individually or as a member of a group – must assume full responsibility for his or her actions. All students and employees of the University must abide by local, state, and federal laws and with all published University policies and regulations. Violations of laws and regulations subject the perpetrator to disciplinary action by the University and/or the appropriate civil or criminal court.

Responsibility for good conduct rests with students as adult individuals. Student organizations have similar responsibility for maintaining good conduct among their members and guests and at activities they sponsor. All members of the University community are expected to use reasonable judgment in their daily campus life and to show due concern for the welfare and rights of others.

Students who violate University policies, rules, and regulations are subject to expulsion or lesser sanctions. A complete outline of obligations and the disciplinary process is contained in the Student Conduct Code in the Student Handbook.

Academic Discipline

Infractions of academic discipline are dealt with in accordance with the student Academic Misconduct Policy which is in the Student Conduct Code in the Student Handbook. Academic misconduct includes, but is not limited to, providing or receiving assistance in a manner not authorized by the professor in the creation of work to be submitted for academic evaluation including papers, projects, and examinations; presenting, as one's own, the ideas or words of another for academic evaluation without proper acknowledgment; doing unauthorized academic work for which another person will receive credit or be evaluated; and presenting the same or substantially the same papers or projects in two or more courses without the explicit permission of the professors involved. In addition, academic misconduct involves attempting to influence one's academic evaluation by means other than academic achievement or merit. More explicit definitions of academic misconduct specific to certain academic disciplines may be promulgated by academic departments and schools.

STUDENT RIGHTS AND REGULATIONS

Privacy of Educational Records

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. *The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.*

Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. *The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.*

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. *The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.*

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

4. *The right to file a complaint with the U.S. Department of Education concerning alleged failures by this University to comply with the requirements of FERPA.*

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
600 Independence Avenue, SW
Washington, DC 20202-4605

Also, these regulations restrict Winthrop to the release of certain records only to the student (current or former) and to certain other authorized school and government personnel, except with the student's prior written consent to release the records to another specified person. Without this consent, Winthrop cannot release a student's records even to parents, except in one instance. Parents or guardians of a student may be given access to student's records if the parents or guardians sign a statement in the Records Office and provide proof that they have claimed the student as a dependent on their last federal income tax return.

FERPA does allow the University to release the following kinds of information (not considered private records) unless the student requests that it be withheld: student's name, address, telephone number, e-mail address, date and place of birth, enrollment status (full- or part-time), dates of attendance, date of graduation, major and minor fields

STUDENT RIGHTS AND REGULATIONS

of study, degrees and awards received, date of admission, whether or not currently enrolled, classification (freshman, etc.), most recent previous educational institution attended, eligibility for honor societies, participation in officially recognized activities and sports, weight, and height of members of athletic teams, and other similar information. Photographic, video, or electronic images of students taken and maintained by the University also are considered directory information.

Any student not wanting this information released must make a written request to the Registrar prior to the close of each spring semester for the following academic year.

As a matter of practice, the University does not sell or give away lists which are in unpublished or computerized form to any outside agency, individual, or business.

Questions concerning Winthrop's policy for release of academic information should be directed to the Office of Records and Registration, 102 Tillman Hall.

Academic Regulations

Student Responsibility

All students are responsible for the proper completion of their academic programs, for satisfying the general regulations stated in this catalog, for maintaining the grade point average required, and for meeting all other degree requirements. Students should secure guidance from an adviser, but the final responsibility remains that of the student.

Students are required to know and observe all regulations concerning campus life and student conduct. Students are responsible for maintaining communication with the University by keeping on file with the Office of Records and Registration at all times a current address, including zip code and telephone number.

Classification of Students

In the fall or spring semester, undergraduate students who are registered for and attending 12 or more semester hours are classified as full-time students. Those who are registered for and attending fewer than 12 semester hours are classified as part-time students.

All undergraduate students are also classified as either regular or special. Special students are those who are admitted under special circumstances and who are not candidates for degrees. Regular students are further classified as follows:

Freshmen	Students who have earned less than 24 semester hours of credit .
Sophomores	Students who have earned at least 24 but fewer than 54 semester hours of credit.
Juniors	Students who have earned at least 54 but fewer than 87 semester hours of credit.
Seniors	Students who have earned at least 87 semester hours of credit.

Academic Forgiveness

At the time of readmission to Winthrop, a student who has been absent for five calendar years or longer may choose to reenter under the “**academic forgiveness policy**”. Under this policy, all courses previously taken at Winthrop University are treated as if they were transfer credit from another institution for purposes of granting credit toward graduation. As with transfer credit, these earlier courses are not used in computing the student’s grade-point average. However, all earlier courses and the grades earned remain on the student’s official transcript and are counted in computing eligibility for academic honors.

The student must exercise or waive the “academic forgiveness” option by the end of the 1st week of the 2nd semester he or she is readmitted to Winthrop University.

Academic Advisement

Interaction between faculty and students is an integral part of the learning process at Winthrop. Individual advisement sessions between students and their advisers provide opportunities for students to learn more about the philosophy behind the required degree program as well as career opportunities for specific majors. Through stimulating informal discussions, the advisement process enhances and supplements the learning that takes place in the classroom.

The academic adviser’s primary role is to help the student plan a course of study so that courses required in a particular program are taken in the proper sequence. An online degree audit system is available to assist advisers in helping students meet degree requirements. The adviser also helps ensure that the student is aware of all graduation requirements. Advisers may aid, as well, in resolving and preventing academic problems, often referring students to the appropriate academic resource. At the beginning of each

term, advisers post the office hours during which they are available to the students they advise.

Newly admitted students who have declared their intention to pursue a degree in a particular discipline are assigned advisers in the appropriate college. Generally, the adviser assignment is not changed unless the student changes degree programs. Until students officially declare a particular major, they are assigned Pre-major advisers through the College of Arts and Sciences.

Prior to registration, students are required to contact their academic adviser to discuss their academic situations and receive assistance in selecting courses to be taken in the next term. A meeting with the adviser is necessary in order for the adviser to release the advising hold.

Each college maintains an office in which advising assistance is available when the assigned faculty adviser is not immediately available. Students should contact the offices below for assistance in changing majors, verifying advisers, and other academic advising concerns:

College of Arts and Sciences

106 Kinard
323-2183

College of Business

225 Thurmond
323-4833

College of Education

144 Withers
323-4750

College of Visual and Performing Arts

129 McLaurin
323-2465

Registration

Registration of courses is done by web registration via WINGSPAN (wingspan.winthrop.edu). Registration for Fall semester begins in April and continues until the beginning of the semester. Spring registration begins in November. In the summer session, which consists of several sessions starting at various times, registration occurs over an extended period and ends, for an individual session, on the first day of classes in that session. Continuing students are permitted and encouraged to register early for the upcoming fall or spring semester. Newly admitted freshmen for a fall semester must attend one of the freshmen orientation sessions offered during the summer to be able to register for the fall. Consultation with an adviser prior to registration is required.

Course Load

Spring or Fall Semesters. While the normal course load for an undergraduate student is 15 to 17 hours per semester, a full-time course load may range from 12 to 18 hours. In determining course load, freshmen, with the assistance of a faculty adviser, should take into consideration high school performance, College Board scores, high school grade-point average, and the amount of time available to apply to the academic course work.

A continuing student with a cumulative grade-point average of 3.00 or higher may take a course overload of up to 21 hours. A student with less than a 3.0 grade-point average must request approval for an overload from the Undergraduate Petitions Committee.

Summer Session. An undergraduate student may not enroll for more than four hours in session A (Maymester). A student may enroll in a total of 14 hours in session B. Sessions C and D each have a 7-hour maximum. However, the total hours taken during B, C, and D sessions may not exceed 14.

Auditing Courses

Undergraduate students may audit a course with the permission of the instructor of the course, the department chair, and the academic dean on a space available basis. An auditor is not required to participate in any examinations or graded course assignments. Participation in class activities and the class attendance policy is at the discretion of the

instructor. Students have until the third day of the beginning of the fall and spring semesters and the first day of each summer session to select the audit option.

Changes in Enrollment

Changes in enrollment, or student schedule changes, must be made before the end of the designated registration period. Such changes include dropping or adding courses, changing sections, electing to audit courses, and changing the number of credits to be earned in a course (where applicable). Any change in enrollment may be done on Wingspan (wingspan.winthrop.edu) through the designated registration period. After the last day to register or drop courses, changes must be submitted to the Office of Records and Registration on a Schedule Change form with proper signatures.

Withdrawal From Courses

Students are expected to follow the courses of study selected at the beginning of the semester or summer term. There may be instances, however, when the student wishes to withdraw from a course. The decision to withdraw from a course is the student's alone, but consultation with the adviser or academic dean and with the instructor is required.

Forms for withdrawing from courses after the end of the registration change period are available in the Office of Records and Registration. **Withdrawal from a course may not occur during the last week of the course.** If withdrawal is completed during the first one-third of a particular course, the grade of N is assigned, indicating no credit is awarded. If withdrawal from a course taken on a letter grade basis is completed during the final two-thirds, but before the last week of the course, the grade of N is assigned **only** if the student is passing the course at the time of withdrawal; otherwise, the grade of F is assigned. If withdrawal from a course taken on a satisfactory/unsatisfactory basis is completed during the final two-thirds, but before the last week of the course, the grade of N is assigned **only** if the level of achievement at the time of withdrawal is equivalent to an S; otherwise the grade of U is assigned. Course withdrawal is considered complete on the date of official withdrawal in the Registration Office, 102 Tillman. The instructor has the responsibility for assigning the grade for a course from which a student has withdrawn.

Complete Withdrawal from Winthrop

Students who find it necessary to discontinue their college work during a semester or summer session should officially withdraw from the University. Undergraduate students who wish to initiate the withdrawal process should go to the Office of the Dean of Enrollment Management, 102 Tillman Hall.

A student who withdraws during the first one-third of the semester receives grades of N for all courses. If the withdrawal occurs in the second two-thirds of the semester, the student receives grades of F, N, U, or I, as the individual instructor deems appropriate. The only exception occurs in cases of medical withdrawal. A medical withdrawal is allowed in cases of severe medical problems which prevent the student from continuing enrollment. Medical withdrawals require documentation of the medical condition and the approval of the academic dean. In these cases, grades of N or I are recorded by the instructor. **A student may not withdraw during the last week of class.**

Failure to withdraw officially may seriously affect a student's eligibility for future readmission or for transfer to another institution.

Class Attendance Policies

Students are expected to attend classes and should understand that they are responsible for the academic consequences of absence. The student is responsible for all requirements of the course regardless of absences.

Instructors are obligated to provide makeup opportunities only for students who are absent with adequate cause such as incapacitating illness, death of an immediate family member, or authorized representation of the university. The instructor will be responsible for judging the adequacy of cause for absence. The student is responsible for providing documentation certifying the legitimacy of the absence to his or her instructor

in advance of such absences. In health-related or family emergency cases where advance notice is not possible, documentation should be provided to the instructor no later than the date the student returns to class. If the instructor denies the adequacy of cause, then the student can appeal the denial to the Vice President for Academic Affairs, who will judge the adequacy of cause, and if found to be adequate, will require the instructor to provide a make-up opportunity.

The instructor may establish the attendance requirements for the course. The following policy will be in effect unless the instructor specifies otherwise: if a student's absences in a course total 25 percent or more of the class meetings for the course, the student will receive a grade of N, F, or U, whichever is appropriate; if the student's enrollment in the course continues after the date for withdrawal with an automatic N, and if the student's level of achievement is equivalent to D or better (or S for a course taken on a satisfactory/unsatisfactory basis), the grade of N will be assigned; otherwise, the student will receive the grade of F (or U).

Hazardous Weather Conditions

It is the practice of Winthrop University to carry out its primary responsibility of providing instruction for students during regularly scheduled hours, except in cases when extreme weather conditions make roads unsafe for travel. While Winthrop feels a responsibility to meet scheduled classes and maintain office support for those classes whenever possible, the University places the highest priority on the safety of its students, faculty, and staff.

In instances of unsafe road and traveling conditions, the University notifies local media outlets in areas where Winthrop students and employees live if scheduled classes and activities of the University have been changed. Students should use their local media and discretion in judging the safety of traveling to the University during periods of inclement weather.

Final Examinations

The form of the final examination is determined by the instructor. The exam period may not exceed two and one-half hours. The times of final examinations are officially scheduled by the Registrar. The student and the instructor will be notified of a legitimate exam conflict if one or more of the following occurs: the student has more than one scheduled exam per period; the student has more than two examinations scheduled per day or more than three examinations scheduled in any four consecutive periods. Personal conflicts such as travel plans and work schedules do not warrant a change in examination times.

Evaluation and Grading

It is the responsibility of all faculty members at Winthrop to assign to all of their students fair grades based on evaluation relevant to the content and purposes of the course of study and, reasonably early in the semester, to inform students of the evaluation placed upon their work. Testing procedures are generally guided by the following principles: a number of evaluations of students' achievements should be made throughout any given semester; the instructor in each class is encouraged to base students' final grades on at least four major evaluations; the instructor may require a combination of one-hour tests, written reports, oral reports, or appropriate performances on projects. Tests should be returned to students within a reasonable time. Students have a right to examine their own tests regularly in order to understand which items were answered incorrectly or inadequately.

Grading System

Grades for courses taken for undergraduate credit are recorded as follows:

- A** Excellent, achievement of distinction (4 quality points per semester hour).
- B** Good, achievement above that required for graduation (3 quality points per semester hour).

- C** Fair, minimum achievement required for graduation (2 quality points per semester hour).
- D** Poor, achievement at a level below that required for graduation; must be balanced by good or excellent work in other courses (1 quality point per semester hour).
- F** Failure, unsatisfactory achievement (no quality points).
- S** Satisfactory achievement (C level or above) on a course taken on a satisfactory/unsatisfactory basis.
- SH** Satisfactory Honors, used only for honors courses to indicate honors credit (A or B) taken on a satisfactory/unsatisfactory basis.
- U** Unsatisfactory achievement (Honors courses, C level or below; all others, D level or below) on a course taken on a satisfactory/unsatisfactory basis.
- N** No Grade, indicating the course carried no credit, or was withdrawn from under conditions that did not justify assignment of a grade of F or U.
- I** Incomplete, used only as a prefix to a letter grade. Assigning an incomplete grade indicates that, for a valid reason, the course has not been completed and that the instructor reserves the right to raise the grade if the incomplete work is completed within one year, or by an earlier date specified by the instructor. The grade to which I is prefixed is not used in computing the student's GPA until the I prefix is removed and indicates the grade earned if no further work is performed. It is the grade in the course unless and until changed by the instructor.

Satisfactory/Unsatisfactory Option

Undergraduate students may elect to receive a satisfactory/unsatisfactory (S/U) grade on a total of four courses throughout their entire undergraduate curriculum, and are limited to electing no more than one S/U course per semester. Each of these courses will count for credit as does any other course; however, a satisfactory/unsatisfactory grade, recorded as S or U, will not be counted in computing the student's grade-point average. (The purpose of this option is to allow the student an opportunity to explore areas of interest outside the major and outside required courses without jeopardizing the grade-point average. Students are discouraged from choosing the S/U option for required courses or for courses in the major.) Students who are unclear about the appropriate application of the S/U option should consult their advisers.

The four-course limit regarding the S/U option does not include those courses which are offered only on an S/U basis.

A student must elect to utilize the S/U option within the first two weeks of a semester.

Quality Points and Grade-Point Average

To remain in good academic standing, a student must maintain a certain standard of excellence. This standard is fixed by the quality-point system. The grade received on a course determines the number of quality points earned per semester hour. Total quality points for a course are calculated by multiplying hours earned by the point value for the grade earned.

Semester Grade Point Average: The semester grade-point average (GPA) is calculated by dividing quality points earned that semester by hours taken on a letter-grade basis during that semester.

Cumulative Grade Point Average: The cumulative grade-point average (GPA) is calculated by dividing total quality points by quality hours. **Quality hours** are all hours of credit taken at Winthrop on a letter-grade basis. Credits earned by examinations, credits transferred from other institutions, and credits for courses taken on satisfactory/unsatisfactory basis are not used in computing a student's cumulative grade-point average. Courses failed at Winthrop University cannot be replaced by transfer coursework.

Gross Hours Taken: The sum of the total hours for which the student has been enrolled at Winthrop plus all hours accepted by Winthrop as transfer credit and all hours awarded by Winthrop as Credit by Examination.

Quality Hours Taken: All hours of credit taken at Winthrop on a regular letter grade basis. All courses are counted in the semester summary of the semester in which they are taken and in the cumulative summary.

Cumulative Hours Earned: All hours of credit completed at Winthrop University with grades of A, B, C, D, or S; all accepted transferred credits and all credits by examination. All courses are counted in the semester summary of the semester in which they are taken and in the cumulative summary.

Quality Points: Semester Hours Earned times the value of the Grade: A=4, B=3, C=2, D=1, F=0. All courses are counted in the semester summary of the semester in which they have been taken and in the cumulative summary.

Academic Probation

The first semester a student's cumulative grade-point average falls below the minimum required for the classification, he or she is placed on academic probation.

Students on academic probation may not enroll in more than 15 semester hours. A student on academic probation whose semester grade-point average is 2.0 or higher is not suspended at the close of that semester even though the cumulative grade-point average remains below the minimum required for the classification. The student may continue enrollment on academic probation.

The student is removed from academic probation at the close of a semester in which the cumulative grade-point average meets the required minimum standard for his or her classification.

Undergraduate special students are not subject to academic eligibility while in this classification.

Credit awarded by examination and hours earned with a grade of S are used in determining classification but not in determining the grade-point average.

A student's eligibility in a given semester cannot be influenced by the change of a grade awarded in any semester prior to the previous semester, except in the removal of an incomplete grade.

Academic Eligibility Schedule

Students enrolled at Winthrop University must earn a minimum cumulative grade-point average in accordance with the eligibility schedule below in order to avoid being placed on academic probation (or suspension):

Class	Cumulative Hours Earned	Minimum Cumulative GPA
Freshman	0 to 23	1.5
Sophomore	24 to 53	1.75
Junior	54 to 86	1.9
Senior	87 or more	2.0

Initial failure to meet the cumulative grade-point average according to the earned hours results in **probation**. A subsequent violation in the next semester or summer term of enrollment results in **first academic suspension** for the immediately succeeding regular academic semester and any intervening summer session. Students who are readmitted after suspension are readmitted on academic probation. Failure to meet the specified minimum cumulative grade-point average during this semester results in a **second suspension** for one calendar year. Readmission for a second time again places the student on academic probation. Failure to achieve the specified minimum cumulative grade-point average after the second suspension results in **permanent dismissal** from the University.

Credit earned at any other institution while a student is ineligible to enroll at Winthrop University cannot be applied to any degree at Winthrop University.

Recourse for Academically Ineligible Students

If an academically ineligible student feels there are extenuating circumstances in his or her situation, special consideration may be asked of the Committee on Undergraduate Petitions. Procedures for petitioning are as follows:

- (1) A typed petition from the student must be presented to the Registrar stating the specific extenuating circumstances (see Item 4 following) which prevented the student from succeeding in his or her course work. This petition must be accompanied by a physician's supporting statement or by other documentary evidence of extenuating circumstances. The petition must include the student's name, student number, address, major, class, telephone number, and adviser's name. A petition form is available in the Records Office.
- (2) The typed petition must be received by the Registrar at least one week before the beginning of the semester for which the student wishes to be readmitted.
- (3) The Registrar forwards the petition, along with all supporting documents, to the Petitions Committee.
- (4) Decisions are based only on extenuating circumstances such as illness, death in the family, or emergency military service.
- (5) Those who are readmitted by the Committee are notified and are allowed to register for courses.

General Appeal Procedure

Any undergraduate student may appeal for variations in the general education requirements and other university-wide academic regulations by submitting a typed petition to the Committee on Undergraduate Petitions.

Petitions must be accompanied by supporting statements or other documentary evidence which the student judges pertinent to the petition. Petitions should be addressed to the Committee on Undergraduate Petitions, in care of the Registrar, and should include the student's name, student number, address, major, class, telephone number, and name of adviser. A petition form is available in the Office of Records and Registration.

To be considered at a regular monthly meeting, petitions must be received by the Registrar at least one week prior to the published meeting date of the Petitions Committee.

The Registrar forwards the petitions, along with any supporting documents, to the Undergraduate Petitions Committee and relays to the student the decisions reached by the Committee. (Refer to "Recourse For Academically Ineligible Students" for specific instructions pertaining to petitions concerning academic ineligibility.)

Fluency in English

A grievance policy exists in cases where a student claims that a faculty member's fluency in English is not adequate to conduct a course. Students may consult department or deans' offices or the Office of Academic Affairs to obtain the full text of the policy and grievance procedures.

Teacher Certification Requirements

Requirements for teacher certification set by the South Carolina State Department of Education or other agencies may or may not be the same as degree requirements shown in this catalog. For more information, see page 133 or the Student Academic Services office in the College of Education.

Transient Study Credit

Courses taken at another institution by a Winthrop student, either during the summer sessions or a regular semester, for transfer back to Winthrop must have written approval of the student's adviser and the student's dean prior to registration for the courses. It is the student's responsibility to have grades on these transfer credits reported to the Records Office as soon as possible, and, if it is the student's final semester at Winthrop, no later than four days prior to the expected graduation date. Transcripts of all

college work taken while a student is absent from Winthrop for a semester or more must be submitted when the student reapplies to Winthrop.

All transient study credit is subject to the Winthrop University Transfer Credit Policy. (See "Undergraduate Transfer Credit Policy," page 10.)

Graduate Credit for Winthrop University Seniors

Winthrop seniors with an overall grade-point average at Winthrop of 3.00 or better may be permitted to take courses numbered 500-599 for graduate credit during their final semester of undergraduate work, provided the total course load (undergraduate and graduate) for that semester does not exceed 16 semester hours. The student may receive graduate credit for these courses only if the requirements for the baccalaureate degree are satisfactorily completed by the end of that same semester.

Senior accounting students in their final term may take one 600 level accounting class if the student meets the following conditions: (A) admitted provisionally to graduate studies for the MBA Accounting Option; (B) limited to one 600 level accounting course; (C) 3.0 undergraduate grade point average; and (D) limited to maximum load of 16 semester hours.

Undergraduate students who wish to take courses numbered 500-599 for graduate credit must first receive approval from the academic dean of the school or college in which they are majoring. Approval applications are available in the Graduate Studies Office.

Repeating a Course

A student may repeat any course taken at Winthrop University or transferred to Winthrop for which he or she did not earn a grade of B or higher, or a grade of S. (This regulation does not apply to courses that may be repeated for additional credit.) Credit hours earned in a particular course taken at Winthrop will not be awarded more than one time, (unless the course has been approved for additional credit) and transfer credit for repeated courses will be forfeited.

A student who enters Winthrop as a freshman is allowed a maximum of four repeated courses with grade exemption for any courses taken at Winthrop University for which he or she did not earn a grade of B or higher. Under this policy, the original grade earned in the course will be exempted from the calculation of the cumulative grade point average. Students who transfer to Winthrop with fewer than 40 semester hours of credit also are allowed the four course repeats with grade exemption; those with at least 40 and fewer than 70 hours are allowed three; those with at least 70 and fewer than 100 are allowed two; and those with 100 or more allowed only one repeated course for which the original grade may be exempted from the cumulative grade point average.

The repeat exemptions will be automatically applied to courses as they are repeated up to the allowed number of repeat exemptions. Receiving a grade of U in a repeated course will not replace a previous attempt's grade, but will utilize one of the repeat exemptions.

The Permanent Record and Transcripts of Record

A permanent record of each student's courses, credits, and grades earned is maintained in the Office of Records and Registration. Transcripts are provided upon written request of the student. Transcripts are withheld from those students and former students who have unpaid accounts with the University.

Grade Reports

At the end of each semester and summer term, students may access their final grades via Wingspan (<http://wingspan.winthrop.edu>). Copies of grades may be printed from Wingspan or obtained from the Office of Records and Registration. All errors found on a grade report must be reported to the Office of Records and Registration Office. **If no error is reported within 30 days of issuance**, it is assumed the report is correct and each entry becomes a part of the student's permanent record.

Programs for Superior Students - Honors Program

Honors Mission Statement. Honors at Winthrop University seeks to encourage and enhance the intellectual growth of students through a program of small enrollment courses taught by high-quality faculty who prompt active student participation and interaction. The program seeks to capture the imagination and to foster the joy of learning by constructing a challenging, personalized learning environment that

- 1) facilitates the development of analytic problem-solving skills,
- 2) promotes both independent and cooperative learning along with presentation skills,
- 3) integrates knowledge across traditional course and discipline boundaries, and
- 4) enriches learning opportunities through multicultural and international studies.

The Honors Program provides an opportunity for freshmen to participate in Honors courses the first semester of their freshman year. Outstanding students from all majors are invited to participate in this challenging and innovative environment. Centered around the idea of course "clusters," the Honors Program offers a special content for accelerated learning, personal growth, and enrichment while at the same time meeting Winthrop's general education requirements. During the first semester, students share learning experiences with exceptional faculty by choosing from a wide range of courses often taught as seminars. Faculty participating in the Honors Program encourage independent thinking and express a particular interest in mentoring their students. In addition to receiving high quality instruction in small classes, students in the Honors Program exchange ideas outside the classroom setting through extradisciplinary learning experiences, such as sessions with invited speakers and informal social gatherings.

After the first semester and the attainment of a GPA of 3.0 at Winthrop, students are invited to take Honors Program courses through a variety of settings including seminars, independent directed study, interdisciplinary courses, senior theses, and a selection of one credit intensive symposia centered on great works or current events. Within the context of the following guidelines, the individual's course program is constructed by the student with the consultation of his or her adviser. After completing the Honors Program at Winthrop, students will not only have a deeper, richer understanding of the content studied, they will retain the joy of learning, the strength of independent thought, and the ability to direct their own learning which have been fostered through their Honors experience.

Requirements for Honors Degree

A student will attain a degree with Honors through satisfactorily completing 23 hours of course work in honors while maintaining a 3.0 GPA based on his or her total course work. Honors courses must be completed with a B or better to be accepted as honors credit. The following requirements must be adhered to:

1. **Major Component:** Twelve hours must be in the student's major.
2. **Interdisciplinary Component:** Either a freshman honors cluster or a three-hour interdisciplinary seminar must be completed.
3. **Independent Study Component:** A senior thesis/project must be completed in the student's major.
4. **Cultural Component:** Two one-hour symposia must be completed.
5. **Construction of course plan:** The student's course plan should be designed with the help of an adviser and filed with the Honors Office at the beginning of the junior year. For graduation with an honors degree, the plan must receive the approval of the Honors Director and the Honors Committee.

Courses must be taken both in the major and outside of it. All courses should be chosen from the Honors course offerings lists except on the specific and individual recommendation of the adviser and appropriate department within the student's course plan. Contact the Honors Office for additional information and course descriptions if they are needed.

Sample Timetables:

Freshman: One Freshman Honors cluster, one major (6/9 hours)

Sophomore: One symposium, two general education, one major (10 hours)

Junior: One major (3 hours)

Senior: One symposium, senior project (4 hours)

Freshman: One major, one general education (6 hours)

Sophomore: Two general education, one major (9 hours)

Junior: One major, one symposium (4 hours)

Senior: One symposium, senior project (4 hours)

Sophomore: Two general education, one major, one symposium (10 hours)

Junior: Two major (6 hours)

Senior: One major, senior project, one symposium group (7 hours)

Degree With Recognition - Transfer Students

Transfer students to Winthrop can pursue an Honors Degree or a degree with recognition. If the student has participated in an Honors program at an accredited four-year college or university, they are encouraged to continue in the Winthrop Honors Program. These students may receive Honors credit for Honors study completed at the other institution. Upon approval of the Honors Director, students who transfer to Winthrop as sophomores may receive up to six hours of Honors credit for such work. Students transferring as juniors may receive up to nine hours of Honors credit, and senior transfer students may receive up to twelve hours of Honors credit.

Upon occasion, a student comes to Winthrop as a transfer student with no previous Honors hours and a minimum number of hours left to earn the degree. Such students may opt to pursue a degree with recognition. The degree with recognition program is **restricted to transfer students** entering with and maintaining a 3.0 GPA, receiving transfer credit for at least 60 hours, and needing 75 hours or fewer at Winthrop. If more than 75 hours are taken at Winthrop, the student should choose to pursue an Honors Degree.

Requirements for a Degree with Recognition

In addition to meeting the eligibility requirements described in the above paragraph, a student will attain a Degree with Recognition through satisfactorily completing 13 hours of course work while maintaining a 3.0 GPA based on his or her total course work. Honors courses must be completed with a B or better to be accepted as honors credit. The following requirements must be adhered to:

1. **Major Component:** 6 hours must be in the student's major.
2. **Interdisciplinary Component:** 3 hours must be outside the student's major.
3. **Independent Study Component:** A senior thesis/project must be completed in the student's major.
4. **Cultural Component:** One one-hour symposium must be completed.
5. **Construction of a course plan:** The student's course plan should be designed with the help of an adviser and filed with the Honors Office as soon as possible. For graduation with a degree with recognition, the plan must receive the approval of the Honors Director and the Honors Committee.

For more information, contact Dr. Kathy Lyon, 323-2320 or 2635.

Academic Honors

President's List. Each undergraduate student who completes a minimum of 12 semester hours of courses taken on a letter-grade basis during the fall or spring semester and earns a grade-point average of 4.00 is eligible for the President's List for that semester.

Dean's List. Each undergraduate student who completes a minimum of 12 semester hours of courses taken on a letter-grade basis during the fall or spring semester and earns a grade-point average of at least 3.50 is eligible for the Dean's List for that semester.

Honor Graduates. Any undergraduate student who completes degree requirements with a final grade-point average of 3.50 to 3.74 shall be granted a diploma **cum laude**; any undergraduate student who completes degree requirements with a final grade-point average of 3.75 to 3.89 shall be granted a diploma **magna cum laude**; any undergraduate student who completes degree requirements with a final grade-point average of 3.90 or higher shall be granted a diploma **summa cum laude**. In order for a student who has credits transferred from another institution to receive a diploma cum laude, magna cum laude, or summa cum laude, it is necessary to have the required grade-point average on the work taken at Winthrop as well as the required grade-point average on the combination of Winthrop work, including courses lost due to utilization of academic forgiveness, and all work taken at other institutions. **Note:** Coursework taken at other institutions cannot raise a graduate to a higher level of Academic Honors.

Students who complete degree requirements with a final grade point average of 3.75, earn a minimum of 48 quality hours (earned hours on a regular letter grade basis) at Winthrop University, and do not qualify for one of the categories above, will receive **Honors Recognition**.

Choice of Catalog

A regular undergraduate student may obtain a degree in accordance with the requirements set forth in the catalog in force at the time of the student's initial enrollment as a regular undergraduate student at Winthrop, provided that the student has not been absent from active enrollment for a continuous period of twelve months or more; or the student may elect to obtain a degree in accordance with the requirements of any catalog issued after the initial enrollment, provided the student was enrolled as a regular undergraduate student in Winthrop at the time the catalog was issued and has not subsequently been absent from active enrollment for a continuous period of 12 months or more. When a student has been absent for a period of 12 months or more, he or she must fulfill the requirements of the catalog in force at the time of re-enrollment or a subsequent catalog in force during enrollments. In all cases, a student is restricted in choice to the requirements of a specific catalog and must graduate within a period of eight years from the date the catalog was issued to claim the rights of that catalog.

If any course required in the catalog specified is not offered after the student specifying the catalog has accumulated 87 semester hours, the University reserves the right to substitute another course. In all cases, if a course has been officially dropped from the course offerings, the University provides a substitute course.

Change of Degree or Program of Study

A student may change from one degree program or area of academic concentration to another, provided the prerequisites for admission to the new program are met and appropriate written approval is obtained.

Application for Graduation

The Application for Graduation serves as official notification to the Registrar of the student's planned graduation date and also generates the ordering of the student's diploma and other commencement-related notifications. Students should apply for graduation upon earning 87 hours. An official review of the student's record is performed to verify remaining degree requirements *only* upon receipt of the application for graduation. The Records Office will notify students upon audit completion and require students to review and sign official degree reviews.

The signed review serves as a written understanding between the university and the student of remaining degree requirements. A new degree review is required if a student has a change of major, minor, or concentration. It is the student's responsibility to notify the Records Office of such changes. If a student is not enrolled at Winthrop for one calendar year, the review is void and will require completion of a new application for graduation.

Failure to file an application as specified below will result in a late fee. The application deadlines are February 1 for August and December graduation and September 15 for May graduation. If the application is filed after the deadline, a \$25 penalty is assessed. After the deadline for the next commencement has passed, a \$50 penalty is assessed.

Awarding Degrees and Commencement Exercises

Degrees are awarded three times a year, at the end of each Fall and Spring semester and at the end of the summer session. Commencement exercises are held only twice a year, in December and in May. The program for the December commencement lists the names of all students who completed degrees during the preceding summer session, as well as those who completed degrees during the Fall semester. The program for the May commencement lists the names of those students who completed degrees during the Spring semester.

Students who complete degrees during the Fall and Spring semesters and desire to graduate in absentia should submit a written notification to the Records Office as soon as they know they are not attending commencement exercises.

Academic Programs

The University offers degrees in programs leading to the Bachelor of Arts, the Bachelor of Fine Arts, the Bachelor of Music, the Bachelor of Music Education, the Bachelor of Science, and the Bachelor of Social Work.

Bachelor of Arts

Art
Liberal Arts Emphasis
Teacher Certification, K-12
Art History
Dance
Liberal Arts Emphasis
Teacher Certification, K-12
Economics
English
Professional Communication
Literature and Language
Teacher Certification, 9-12
Environmental Studies
General Communication Disorders
History
Teacher Certification, 9-12
Mass Communication
Broadcast
Journalism
Mathematics
Teacher Certification, 9-12
Modern Languages
French
Spanish
Teacher Certification, 9-12
(French or Spanish)
Music
Philosophy and Religion
Political Science
Teacher Certification, 9-12
Public Policy & Administration
Psychology
Sociology
Concentration in Criminology
Theatre
Design/Technical Theatre
Performance
Teacher Certification, K-12

Bachelor of Fine Arts

Art
Ceramics
General Studio
Visual Communication Design
Interior Design
Painting
Photography
Printmaking
Sculpture

Bachelor of Music

Performance

Bachelor of Music Education

Choral, K-12
Instrumental, K-12

Bachelor of Science

Biology
Certification for Medical Technology
Teacher Certification, 9-12
Business Administration
Accounting
Computer Information Systems
Economics
Entrepreneurship
Financial Management
General Business
Health Services Management
Human Resources Management
International Business
Management
Marketing
Chemistry
ACS Program (3 options)
Chemistry-Engineering Program
Multidisciplinary Program
Computer Science
Early Childhood Education, PK-3rd grade
Elementary Education, grades 2-6
Environmental Sciences
Family and Consumer Sciences
Human Nutrition
Dietetics
Food System Management
Nutrition Science
Integrated Marketing Communication
Mathematics
Teacher Certification, 9-12
Concentration in Statistics
Teacher Certification, 9-12
Physical Education
Athletic Training
Fitness/Wellness
Teacher Certification, K-12
Science Communication
Special Education, K-12
Mild Disabilities
Severe Disabilities
Sport Management

Bachelor of Social Work

Degree Requirements

Each student is responsible for meeting requirements for graduation as stated in the University Catalog. An adviser is available for counsel, but the responsibility remains with the student.

The baccalaureate degrees require the completion of a minimum of 124 semester hours of credit, including all courses required in the specified degree program, with a final grade-point average of 2.00 or better on all courses which are taken on a letter-grade basis at Winthrop University. Students must also achieve a minimum of a 2.00 GPA in courses counted toward the major and minor programs. Some degree programs have more stringent GPA requirements. See degree program listings for specific requirements.

Of those semester hours required for the baccalaureate degree, a minimum of 40 semester hours must be in courses numbered above 299, and 59 semester hours must be distributed in accordance with the General Education Distribution Requirements.

Not more than 36 semester hours in any one subject may be applied toward a Bachelor of Arts degree.

All baccalaureate degree programs at Winthrop University require the successful completion of the Undergraduate Writing Composition requirement. (See Writing Composition Requirement, page 52.)

A student not majoring in Business Administration may take for the baccalaureate degree a maximum of 30 semester hours of credit in the College of Business Administration. Programs permitting more than 30 semester hours of such courses must be approved by the Dean of the College of Business Administration.

Each program leading to the Bachelor of Arts degree requires the completion of a minor in addition to the major program. Students must achieve a 2.00 grade-point average in courses counted toward the minor. Students may fulfill the minor requirements with one or more minors of their own choosing (see section on minors, page 172, for the comprehensive list of minors and the specific requirements for each minor) or a second major. Students in Bachelor of Science degree programs may elect to complete a minor. The minimum number of semester hours required for a minor is 15, at least 6 of which must be in courses above 299. Bachelor of Science degree students may use courses required in the major to also satisfy minor requirements, except those pursuing a B.S. in Business Administration. No course may count toward a business administration major and a business administration minor. Minors are recorded on the permanent record.

Students may elect a **second major**. When doing so, students must indicate which college they wish to have advise them, and it shall be the student's responsibility to ascertain whether the appropriate requirements have been met in both majors. The second major shall be recorded on the permanent record in lieu of, or in addition to, a minor. It should be noted that a double major will not by itself lead to the conferral of a second degree. (See Second Baccalaureate Degree, page 59.)

Residence Requirements

There are four basic residence requirements:

1. A minimum of 31 semester hours of course credits must be taken within five calendar years preceding the date the degree is granted.
2. A minimum of 22 of the final 31 hours required for the degree must be taken in residence at Winthrop exclusive of CLEP credit. However, a minimum of 15 is required if the student participates in a recognized exchange program at Winthrop University. This exception will require the approval of the Winthrop director of the exchange program, the head of the student's department, and the director of student services in the college of the student's major.
3. When part of the final 31 hours is taken at another institution, the student must have taken a minimum of 30 semester hours at Winthrop prior to taking the final 31 hours. The institution and the course taken must be satisfactory to the student's adviser and to the dean of the college.

4. A minimum of 12 semester hours of course credits must be taken in residence at Winthrop in the major discipline(s).

In meeting the residence requirements, credits earned during the Winthrop summer session are counted on the same basis as credits earned in the fall and spring semesters.

In addition to the basic residence requirements for all Winthrop undergraduate degrees, all undergraduate degree programs in the College of Business Administration require that the final 31 hours required for the degree must be taken in residence at Winthrop.

Course Level Requirement

For graduation with a baccalaureate degree a student must present a minimum of 40 semester hours in courses numbered above 299 (48 semester hours above 299 in programs offered by the College of Business Administration).

Final Grade-Point Average

A final cumulative grade-point average of 2.00 or better is required for graduation. The final grade-point average is based on the hours and quality points earned for all courses taken on a letter-grade basis at Winthrop.

Writing Composition Requirement

Beginning students should enroll in WRIT 101 during their first semester at Winthrop University and should complete WRIT 101 and 102 early in their academic careers. Students who do not pass both courses by the time they have completed 60 earned hours will be limited to a maximum course load of 12 hours per semester and will not be permitted to enroll in courses above 299 until they have satisfied the writing requirement.

Freshman Year Seminar: Principles of the Learning Academy

The freshman year seminar course, Principles of the Learning Academy (ACAD 101) is required for all first-time entering freshmen. The goals of this course are to introduce first-year students to the concepts, resources, and skills necessary for successful higher learning and to facilitate the student's adjustment to and engagement in the class and university. ACAD 101 carries one hour of credit. Classes generally meet twice a week in small groups with a seminar director and peer mentor the first part of the semester.

Cultural Events Requirement

By graduation, each undergraduate student is required to attend three cultural events for every 20 hours completed at Winthrop University, not to exceed 18 cultural events. The purpose of the cultural events requirement is to establish and foster a life-enriching pattern of cultural involvement.

Each semester a calendar of on-campus events which have been approved as fulfilling the cultural events requirement is published. This calendar will have events added over the course of the semester. Events that are selected will be chosen from areas that are related to the arts such as plays, concerts, films, art exhibitions, and dance performances, or from lectures. Lectures that are included on the cultural events calendar are selected on the basis of the speaker's reputation and ability to generate new ideas and discussion on topics of universal significance.

Students may fulfill this requirement through any one of the following three methods or a combination of these methods:

1. Attend approved on-campus events. To receive credit the student must be scanned both in and out of the event.
2. Petition for credit for attendance at an event off-campus. This option requires a petition form (available from the Cultural Events Office, the Registration Office or the Winthrop Web Site), proof of attendance (ticket stub or program), and a one-page typewritten report.

3. Present a portfolio of culturally related life experiences. All experiences cited must be post-high school and prior to matriculation at Winthrop University. This option is designed for the nontraditional student with extensive cultural experiences.

For more detailed information regarding the Cultural Events Requirement and/or these three options, contact the Cultural Events Office (112 McLaurin).

General Education Distribution Requirements

All candidates for a baccalaureate degree shall complete the General Education Distribution Requirements. Although these requirements usually take the form of individual courses, students should integrate their learning experiences from different courses taken at different times and should assimilate common concepts taught in different disciplines. Students should conduct all activities in an ethical manner and work with integrity and honesty toward the following goals:

- Goal One: To communicate clearly and effectively in standard English.**
To achieve this goal, students should:
1. Read, write, and speak standard English;
 2. Analyze written, spoken, and nonverbal messages from a variety of disciplines; and
 3. Understand and practice rhetorical techniques and styles by writing and by giving oral presentations.
- Goal Two: To acquire and appreciate quantitative skills.**
To achieve this goal, students should:
1. Solve mathematical problems of the type necessary for living in today's and tomorrow's world;
 2. Make valid inferences from data;
 3. Understand that quantitative analysis is important to almost every endeavor of humankind; and
 4. Understand the concept and application of quantitative relationships.
- Goal Three: To use critical thinking, problem-solving skills, and a variety of research methods.**
To achieve this goal, students should:
1. Identify sound and unsound reasoning;
 2. Analyze and use a variety of information gathering techniques;
 3. Conduct independent research;
 4. Use computers competently; and
 5. Use the library and other information sources competently.
- Goal Four: To recognize and appreciate human diversity (both past and present) as well as the diversity of ideas, institutions, philosophies, moral codes, and ethical principles.**
To achieve this goal, students should:
1. Analyze diverse world cultures, societies, languages, historical periods, and artistic expressions;
 2. Understand cultures in their own terms and in terms of such factors as class, race, gender, heredity, language, religion, and economic status; and
 3. Understand the nature of social and cultural conflict and methods of resolution.
- Goal Five: To understand scientific knowledge in terms of its methods or acquisition, its specific quantitative nature, and its dynamic and contingent character.**
To achieve this goal, students should:

1. Study areas of science that affect everyday life;
2. Identify and develop hypotheses, design studies, and collect data in light of these hypotheses;
3. Take accurate measurements and make detailed observations to reach valid empirical conclusions; and
4. Understand how scientific theories change over time.

Goal Six: **To understand aesthetic values, the creative process, and the interconnectedness of the literary, visual, and performing arts throughout the history of civilization.**

To achieve this goal, students should:

1. Participate in and/or observe a variety of artistic expressions;
2. Study the discipline and techniques involved in artistic creations; and
3. Understand how and why people use artistic forms.

Goal Seven: **To examine values, attitudes, beliefs, and habits which define the nature and quality of life.**

To achieve this goal, students should:

1. Reflect on the role played in their lives by school, work, leisure, and community involvement;
2. Examine problems, issues, and choices that confront citizens of the world;
3. Pursue basic principles of wellness;
4. Take responsibility for the consequences of their actions and choices; and
5. Articulate and assess their personal ethical principles.

Of the hours required for a baccalaureate degree, 59 must be distributed in accordance with the General Education Distribution Requirements:

Distribution Requirement	Semester Hours
ACAD 101 (First-time entering freshmen only)	0-1
AREA I. BASIC SKILLS* (a) WRIT 101, 102 (a grade of C or better is required in these courses) (b) MATH 101 (or a mathematics course with 101 or 103 as a prerequisite), MATH 103 or MATH 140 (c) 6 hours from CHIN, CSCI, FREN, GERM, ITAL, JAPN, LATN, MATH, PHIL 220 or 225, SPAN. (LANGUAGE-IN-TRANSLATION COURSES MAY NOT COUNT IN THIS AREA.)	15
AREA II. NATURAL SCIENCES* Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (SCIE 391, 392, 591, and 592 may not be counted in this area.) (AT LEAST TWO SUBJECT DESIGNATORS MUST BE REPRESENTED.)	9
AREA III. BEHAVIORAL AND SOCIAL SCIENCES§ Choose from: ANTH (except 202), ECON, GEOG, MCOM 101, PLSC, PSYC, QMTH 205-206, SOCL. (AT LEAST TWO SUBJECT DESIGNATORS MUST BE REPRESENTED.)	9

AREA IV. ARTS AND HUMANITIES§ **12**

Choose from: AAMS 300, ARTS, ARTH, ARTT 298, CLAS, DANA, DANT, ENGL, HIST, MUSA, MUST, PHIL, RELG, THRA, THRT. (At least 3 hours in HIST and at least 3 hours in ENGL must be included. ENGL 302, 303, and 510 may not be counted. **AT LEAST THREE SUBJECT DESIGNATORS MUST BE REPRESENTED.**)

AREA V. INTERNATIONAL UNDERSTANDING* **6**

Choose from: ANTH 201, 203, 301, 321, 323, 351; ARTH 175, 176; CHIN; ENGL 205, 206, 207; FREN; GEOG 101, 103, 104, 306; GERM; HIST 101, 102, 331, 332, 337, 343, 344, 351; INAS 425; ITAL; JAPN; MCOM 302; MUST 305, 306; PHIL 300, 303; PLSC 205, 207, 260; RELG 300; SOCL 301, 319; or SPAN

AREA VI. ELECTIVES **7-8**

Choose from: ANTH, ARTS, ARTH, ARTT 298, BIOL, CHEM, CISM 102, CLAS, MCOM, CSCI, DANA, DANT, ECON, ENGL, FINC 101, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, JAPN, LATN, MATH, MUSA, MUST, PHIL, PHED (not to exceed 3 hours), PHSC, PHYS, PLSC, PSYC, QMTH 205-206, RELG, SOCL, SPAN, SPCH, THRA, THRT, WELL 301, or WRIT

TOTAL **59**

** Students seeking B.A. and B.S. degrees in the College of Arts and Sciences should consult the specific General Education Distribution Requirements in the Arts and Sciences section of the Catalog.*

Courses used to complete major and minor requirements may also be used to complete the General Education Distribution Requirements. The specific hours from a single course may not be used for more than one area requirement.

§ Constitution Requirement

Every candidate for a degree must complete PLSC 201 or ECON 103 or HIST 211 and 212.

New General Education Program

In January 2003, Winthrop University's Faculty Conference approved a new General Education program for undergraduate students. The new program will be phased in over the 2003-2004 and 2004-2005 academic years. New students entering Winthrop in the fall 2003 and spring 2004 may elect to complete either the current program (pages 54-55) or the new program. Students electing to move to the new requirements may do so in fall 2004, after reviewing and comparing the updated degree program as listed in the 2004-2005 Undergraduate Catalog.

Program

The general education program is based on three concepts: mastery of competencies, integration of experiences across disciplines, and exposure to a variety of intellectual and social perspectives. The program is composed of three core areas: the critical skills, skills for a common experience and for thinking across disciplines, and developing critical skills and applying them to disciplines.

Distribution	Semester Hours
Critical Skills	15-21
Writing and Critical Thinking (WRIT 101 and CRTW 201)	6
Mathematics (CTQR 150)	3
Technology	0-3*
Oral Communication	0-3*
Logic/Language/Semiotics	6
Skills for a Common Experience and Thinking Across Disciplines	9
GNED 102	3
Global Perspectives	3
Historical Perspectives	3
Developing Critical Skills and Applying them to Disciplines	22-28
Social Science, Humanities and Arts	15
Social Science	6-9
Humanities and Arts	6-9
Natural Science	7
Intensive Writing	0-3*
Constitution Requirement	0-3*
Total	46-58

**Courses meeting these requirements may also meet another requirement in the student's degree program*

For more information regarding the new General Education program, please contact the Director of General Education, Marilyn Smith, at smithm@winthrop.edu.

Global Perspectives & Multicultural Perspectives Requirements

Teacher education students, as part of their degree program, must complete at least one course from Global Perspectives and at least one course from Multicultural Perspectives. The courses meeting these requirements are:

Global Perspectives

ARTH 175	Intro to Art History	HIST 351	Latin American Hist
ARTH 281	Arts of Africa, America, Oceania	HIST 540	Ancient Greece & Rome
ARTH 282	Arts of China, Japan & India	HIST 542	Medieval Euro Hist
ARTH 381	Arts of Africa	HIST 547	History of Modern Russia
ARTH 382	Arts of Americas	HIST 551	Middle East since Islam
ARTH 480	Spec Topics in Art History	HIST 552	South Asia since 1600
ARTH 483	Spec Topics in Non-West Art	HIST 560	Hist Mexico & Cen America
BIOL 101	Human Biology	HIST 561	Hist of Caribbean
BIOL 106	Environment and Man	MCOM 302	International Communicat
BIOL 515	Environmental Biology	MUST 203	Jazz Appreciation
DANT 298	Dance Appreciation	MUST 298	Music Appreciation
DANT 385	Dan Hist: Prim Cult-19th Cent	MUST 305	Music History to 1750
DANT 386	Dance Hist: Twentieth Cent	MUST 306	Music History 1750-1900
ENGL 205	World Lit Before 1700	MUST 507	Music Since 1900
ENGL 206	World Lit After 1700	MUST 514	History of Jazz
ENGL 207	Major World Authors	NUTR 370	Cultural Foods
ENGL 502	Stud in Non-West Lit	PHIL 300	Hist of Phil: Plato to Mod Age
GEOG 101	Human Geography	PLSC 205	International Politics
GEOG 103	Geog of Third World	PLSC 260	United Nations
GEOG 104	Geog of Indust Nat	PLSC 336	Post Soviet Politics
GEOG 301	Geog of North America	PLSC 345	European Politics
GEOG 302	Economic Geog	PSYC 498	Senior Seminar in Psyc
GEOG 306	Geog of Latin Am & Caribbean	PSYC 520	Contemp Issues in Psyc
GEOG 350	Spec Topics in Geog	RELG 300	Compara Religion
HIST 101	World Civil to 1500	SOCL 301	Comp Study of Soc Instit
HIST 102	World Civil since 1500	SOCL 314	Race & Ethnic Relations
HIST 331	Asian Civil: Tradit Asia	SOCL 319	Study of Population
HIST 332	Asian Civil: Modern Asia	SOCL 550	Spec Topics
HIST 337	History of Sub-Saharan Africa	THRT 298	Theatre Appreciation
HIST 343	Euro Hist:Ren-Age of Reason	THRT 310	Theatre Hist & Literature I
HIST 344	Euro Hist:Age of Reason-Versai	THRT 311	Theatre Hist & Literature II

Multicultural Perspectives

ARTE 449	Prin of Teaching Art	ENGL 206	World Lit After 1700
ARTE 482	Spec Topics in Art Ed	ENGL 502	Stud in Non-West Lit
ARTE 548	Curriculum Dev in Art Ed	ENGL 519	Adolescent Literature
ARTE 549	Foundations of Art Education	GEOG 101	Human Geography
ARTH 175	Intro to Art History	GEOG 103	Geog of Third World
ARTH 281	Arts of Africa, America, Oceania	GEOG 104	Geog of Indust Nations
ARTH 282	Arts of China, Japan & India	GEOG 301	Geog of North Amer
ARTH 381	Arts of Africa	GEOG 302	Economic Geog
ARTH 382	Arts of Americas	GEOG 306	Geog of Latin Am & Caribbean
ARTH 480	Spec Topics in Art History	GEOG 350	Spec Topics in Geog
ARTH 483	Special Topics in Non-West Art	HIST 101	World Civil to 1500
DANT 298	Dance Appreciation	HIST 102	World Civil since 1500
DANT 385	Dance Hist: Prim Cult-19th Cent	HIST 211	U.S. Hist to 1877
DANT 386	Dance Hist: Twentieth Cent	HIST 212	U.S. Hist since 1877
ENGL 205	World Lit Before 1700	HIST 306	Soc & Cult Hist of US to 1865

HIST 307	Soc & Cult Hist of US since 1865	PLSC 315	Urban Politics
HIST 308	Amer Ethnic History	PLSC 321	Public Policy & Policy Analysis
HIST 310	Hist of Women in America	PLSC 510H	Topics in Political Inquiry
HIST 505	History of South Carolina	PLSC 512H	Politics in Education
HIST 509	Afro-American History	PSYC 504	Psychology of Women
HIST 524	Emergence of Mod Amer 1877-1933	PSYC 507	Soc Psyc: Indiv & Other People
HIST 525	US since 1939	PSYC 512	Exceptional Child
MCOM 302	International Communicat	PSYC 520	Contem Issues in Psyc
MUST 203	Jazz Appreciation	SOCL 301	Comp Study of Soc Instit
MUST 298	Music Appreciation	SOCL 314	Race & Ethnic Relations
MUST 305	Music History to 1750	SOCL 319	Study of Population
MUST 306	Music History 1750-1900	THRT 298	Theatre Appreciation
MUST 507	Music Since 1900	THRT 310	Theatre History and Lit I
MUST 514	History of Jazz	THRT 311	Theatre History and Lit II

Intensive Writing & Oral Communication Requirement

Intensive Writing Requirement. All students, as part of their degree program, must complete at least one intensive writing course at the 300 level or above. The courses meeting this requirement are:

ANTH	341	Fieldwork in Cultural Anthropology
ARTT	395	Art Criticism
BIOL	300	Scientific Process in Biology
DANT	386	Dance History: Twentieth Century
ENGL	300	Approaches to Literature
HIST	500	Historiography and Methodology
MAED	548	Secondary Math Curr & Pedagogy Issues
MCOM	331	Editorial Interpretation
MCOM	342	News Reporting
MCOM	343	Feature Writing
MCOM	412	Ethics & Issues in Mass Comm
MCOM	441	Reporting Public Affairs
MCOM	471	Public Relations Writing & Production
MUST	306	History of Music from 1750-1900
NUTR	534	Seminar in Human Nutrition
PHED	381	Phil & Principles of Human Movement
PLSC	350	Scope and Methods
READ	322	Elem & Middle School Lang Arts: Lab
SCWK	330	Research Methods for Social Work
SPED	391	Assessment
THRT	311	Theatre History & Literature II
WRIT	300	Rhetorical Theory
WRIT	350	Introduction to Comp Theory & Pedagogy
WRIT	351	Advanced Non-Fiction Writing Workshop
WRIT	465	Preparation of Oral & Written Reports
WRIT	566	Technical and Scientific Writing

Intensive Oral Communication Requirement. All students, as part of their degree program, must complete at least one three-hour intensive oral communication course. The courses meeting this requirement are:

(AREA)	391	Principles of Teaching (in Specific Area)
BIOL	300	Scientific Process in Biology
HIST	500	Historical Methodology
PLSC	260	The United Nations
SPCH	201	Public Speaking
SPCH	203	Voice and Diction
THRA	120	Acting I
WRIT	465	Preparation of Oral & Written Reports
WRIT	566	Technical and Scientific Writing

International Understanding Requirements for International Students

A student classified as a national of any non-English speaking nation may meet the International Understanding Requirement by taking an appropriate number of hours in English. Foreign students who are admitted with junior standing after evaluation of their academic records may be excused from some part of the total International Understanding Requirement but must earn no less than 6 semester hours of credit in English courses at a level acceptable to the academic adviser and to the Dean of the College of Arts and Sciences.

Foreign Language Credit

Students in Arts and Sciences, who are not language majors and have completed the 101-102 sequence in any language, and students in other colleges that do not have a language requirement, may receive credit for the 101 course in a language without completing the 102 course in the same language. Modern Language majors must satisfy the 30-hour requirement in the major and the one-year requirement in a second language before they can receive credit for the 101 course without the 102 course in the same language.

Extension and Correspondence Credit

A maximum of 30 semester hours in correspondence courses may be accepted as partial fulfillment of the requirements for baccalaureate degrees, not more than 12 semester hours of which may be in any one subject. The institution and the courses taken must be satisfactory to the dean of the student's college. The student must have a grade of C or above on correspondence credit accepted. Grades on correspondence courses are not used in computing a student's grade-point average.

Second Baccalaureate Degree

A graduate of the University may receive a second baccalaureate degree if it is in a different major by fulfilling the following conditions:

1. Meet all the requirements for the second degree.*
2. Complete a minimum of 30 hours in residence beyond requirements for the first degree.

*The dean of the appropriate college will determine the courses required to complete the second degree. Cultural Events are not required for the second degree.

Students wishing to complete a second degree concurrently with their first undergraduate degree must meet all requirements for the second degree *and* complete 30 credit hours beyond the requirements for the first degree.

The College of Arts and Sciences

Debra Boyd, Dean

Sarah F. Stallings, Associate Dean

Undergraduate Degree Programs and Requirements

The College of Arts and Sciences provides educational opportunities for students to gain knowledge, insights, and skills in order to grow more sensitive to the significance of the human heritage, to participate and contribute knowledgeably and effectively as citizens, and to lead rewarding, productive, and enriched lives within the contemporary world.

Providing the liberal arts foundation for all Winthrop University students, the College of Arts and Sciences offers a broad spectrum of general education courses so undergraduate students may be afforded the central core of knowledge enjoyed by well-educated citizenry.

Some of the degree programs in Arts and Sciences prepare majors directly for professional employment; others prepare them for admission to professional and graduate schools; others combined with an appropriate minor from Arts and Sciences or one of the professional schools provide a valuable basis for a career.

The College of Arts and Sciences offers the Bachelor of Arts, Bachelor of Science, Bachelor of Social Work, Master of Arts, Master of Liberal Arts, Master of Mathematics, Master of Science, and Specialist in School Psychology degrees with the following majors:

Bachelor of Arts Degree: English, general communication disorders, environmental studies, history, mass communication, mathematics, modern languages, philosophy and religion, political science, psychology and sociology.

Bachelor of Science Degree: biology, chemistry, environmental sciences, human nutrition, integrated marketing communication, mathematics, and science communication.

Bachelor of Social Work Degree: social work.

Minors are offered through the College of Arts and Sciences in African-American studies, anthropology, applied physics, biology, chemistry, English, French, general science, geography, geology, German, gerontology, history, human nutrition, international area studies, mass communication, mathematics, philosophy, philosophy and religion, political science, psychology, secondary education, social sciences, social welfare, sociology, Spanish, women's studies, and writing. See the section on Minors for requirements.

Winthrop's undergraduate program in human nutrition is accredited by the Commission on Accreditation for Dietetics Education of The American Dietetic Association. The Bachelor of Social Work program is accredited by the Council on Social Work Education. The Department of Mass Communication is accredited by the Accrediting Council of Education in Journalism and Mass Communications.

Graduate Degree Programs

Master of Arts Degree: English, history, and Spanish.

Master of Liberal Arts Degree: liberal arts.

Master of Mathematics Degree: mathematics.

Master of Science Degree: biology, human nutrition, and school psychology.

Specialist in School Psychology Degree: school psychology.

Pre-major Advising Center

Students who do not declare majors are assigned advisers in the Pre-major Advising Center. Advising is provided by faculty members representing a variety of academic departments who help resolve issues that pre-majors tend to encounter. The Pre-major Advising Center is located in 106 Kinard.

Pre-College Credit, Distance Learning, and Dual Credit

Qualified high school students may enroll for university courses at Winthrop during the regular academic year or summer session. Distance learning courses are offered to area high school students for college credit. To qualify, students must be recommended by their high school counselors or principals. Credit earned can count towards a high school diploma, for college credit at Winthrop or both. However, this dual credit option is limited to secondary schools with which Winthrop has dual credit agreements.

College of Arts and Sciences Requirements

Foreign Language Requirements: A candidate for a BA or BS degree in the College of Arts and Sciences must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing a foreign language course numbered 102 or any foreign language course with 102 as a prerequisite. A maximum of three semester hours of foreign language courses may be applied to AREA I (c), and a maximum of three semester hours of foreign language courses may be applied to AREA V of the Winthrop University General Education Distribution requirements. Non-native speakers of English can petition the College of Arts and Sciences Curriculum Committee for possible exemption from the foreign language requirement.

Students may receive credit for one semester of a language under the following specified conditions:

1. Non-Language Arts and Sciences majors who have satisfied their language requirement can receive credit for the 101 in subsequent languages without being required to complete the 102 courses in those languages.
2. Modern language majors who have satisfied the 30-hour requirement in the major language (French or Spanish) and one year requirement in a second language, can take and receive credit for the 101 course in subsequent languages without being required to complete the 102 courses in those languages.
3. Students in the other colleges who do not have a language requirement at present can also receive credit for any 101 courses without completing the 102 courses in those languages (with the approval of the respective college).
However, if those students change to an Arts and Sciences major, they will be required to meet criteria in items 1 or 2 above.

Laboratory Science Requirement: The College of Arts and Sciences requires that all students complete at least one laboratory science course as part of the Winthrop University General Education Distribution requirements for AREA II-Natural Sciences.

Grade Point Average (GPA) Requirement: A minimum grade-point average of 2.0 cumulative is required for courses taken at Winthrop, as well as for courses counted toward the major program. All students pursuing degrees that require a minor must achieve a cumulative GPA average of at least 2.0 in courses counted toward the minor.

B.A. Degree Requirements: All B.A. degree programs require that students complete a minor. Not more than 36 semester hours in any one subject designator may apply to a Bachelor of Arts Degree.

B.S. Degree Requirements: Although not required, students enrolled in B.S. degree programs may complete a minor. In such cases, students may use courses required in the major (except Integrated Marketing Communication) to also satisfy minor requirements.

Teacher Certification: Certification is available in the following areas: biology, English, French, mathematics, social studies (which includes anthropology, economics, geography, history, political science and sociology) and Spanish.

Students must meet all requirements for admission to and completion of the Teacher Education Program and its core curriculum. All phase-in information as explained in the College of Education section of this catalog will be applicable.

In order to be formally admitted into the teacher education program, the student must meet the admission requirements in the College of Education. (See section on College of Education Admission Requirements, page 132.)

COLLEGE OF ARTS AND SCIENCES-BIOLOGY
BIOLOGY

Faculty 2002-2003

Professors

John E. Dillé
 James W. Johnston, Chair
 William Rogers

Assistant Professors

Laura Glasscock
 Peter C. Phillips
 John M. Schmidt

Associate Professors

Janice B. Chism
 Dwight D. Dimaculangan
 Susan Marks
 Paula L. Mitchell
 Julian Smith III

Lecturers

Deborah R. Curry
 Luckett V. Davis (Professor Emeritus)
 Steven E. Fields
 Anita McCulloch
 Lynn Snyder
 Almaz Yilma

Bachelor of Science in Biology

The biology major is frequently chosen by students with career interests related to medicine, environmental science, biological research and teaching, and secondary education in the sciences. Qualified Winthrop students in biology are accepted for postgraduate study in many fields, including medicine, dentistry, veterinary medicine, physical therapy, physiology, microbiology, ecology, environmental science, botany, zoology, and medical technology.

Students majoring in biology should take BIOL 203, 204 and 205 or 206, CHEM 105-106 and 107-108 and a MATH elective in the freshman year. Students are required to take at least one 500-level course in Biology.

Required Program

BIOL 203, 204, 205, 206, 300, 480, 491, 492
 BIOL electives--select one course from each of
 the following areas:
Ecology/Evolution:
 BIOL 403, 513, 515, and 527
Organismal Biology:
 BIOL 310, 505, 508, 510, 511, 518, 520, and 525
Physiology/Integrative:
 BIOL 305-306*, 317, 322, 324, and 524
Cell/Molecular:
 BIOL 315, 321, 517, 521, 522, 526, 555, and 556

Semester Hours

19
 23

Select additional courses to total 42 hours in BIOL from
 above areas and/or the following list:
 BIOL 303, 304, 318, 340 A, B, or C, 440, 450, 461, 463, 471, 530, and 540
 (Students must complete at least one 500-level course.)

CHEM 105, 106, 107, 108
 MATH (excluding 291 and 292)
 Mathematics and Science electives**

8
 6
 11
67

Subtotal

**NOTE: The student must complete both BIOL 305 and 306 to get 4 hours credit toward the BIOL major; the other four hours may count toward graduation. BIOL 305 or 306 carry no credit toward the BIOL major unless both are completed. BIOL 305-306 and BIOL 324 collectively carry only 4*

COLLEGE OF ARTS AND SCIENCES-BIOLOGY

hours credit towards the BS in Biology; the other 8 hours may count toward graduation.

***11 hours mathematics and science electives must be chosen from MATH (except 291& 292) and any course used to satisfy the compulsory MATH requirement; any CHEM course except 150, 340 A, B, C, 461, 462 or 463; PHYS; GEOL (except 120); and QMTH 205, 206 (if MATH 141 not selected.)*

General Education Distribution Requirements not met by Required Program Courses	Semester Hours
ACAD 101	0-1
Foreign Language Requirement	4-8
Area I (include WRIT 101-102)	6
Area III	9
Area IV	12
Area V	3-6
Subtotal	34-42
Electives	15-23
Total Semester Hours	124

**Students completing the required program for the BS degree in Biology must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution requirements.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 67 semester hours of the required program. The student must complete a minimum of 12 semester hours of BIOL courses in residence at Winthrop University.

Within the 124 semester hours required for this degree, the student must include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than 3 semester hours of credit may be awarded toward a degree in Biology for a student completing any combination of BIOL 461, 463 and 340 A, B, C.

Students desiring certification as teachers of biology or certification as Medical Technologists should consult the specific requirements listed in the next two sections.

**Certification as Secondary School Teacher -
Bachelor of Science in Biology**

Program Coordinator: Paula Mitchell

Students desiring certification as teachers of biology should consult with the department's certification adviser and Student Academic Services in the Richard W. Riley College of Education for specific requirements for admission to the Teacher Education Program. See section on College of Education Admission Requirements.

Required Program	Semester Hours
BIOL 203, 204, 205, 206, 300, 310, 315, 317, 318, 324, 480, 491, 492, 513 and 403 or 515	42
CHEM 105-106, 107-108	8
MATH (except 291, 292, and courses used to fulfill compulsory MATH requirement)	6
Science Requirement: PHYS 201, 202	8
GEOL (except 120)	3
Subtotal	67

COLLEGE OF ARTS AND SCIENCES-BIOLOGY

General Education Distribution Requirements not met by Required Program

ACAD 101	0-1
Foreign Language Requirement	4-8
Area I (include WRIT 101-102)	6
Area III	9**
Area IV (Choose 6 hours in two different subject areas from the following: ARTT 298 or ARTH 175 or ARTH 176; DANT 298; MUST 298; THRT 298 or 310 or 311. ARTT AND ARTH ARE CONSIDERED TO BE THE SAME SUBJECT AREA FOR THIS REQUIREMENT. Also, 3 hours of HIST and 3 hours of ENGL are required.	12**
Area V	3-6**
Subtotal	34-42
Professional Education Sequence:	
EDUC 110, 210, 250, 275, 310, 390, 475, 490	29***
SCIE 391, 392	4
Subtotal	33
Total Semester Hours	134-142

*Students completing the required program for the BS degree in Biology must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution requirements.

**Within Areas III, IV, and V, teacher education students must select one course from Global Perspectives and one course from Multicultural Perspectives.

***A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of a 2.0 in the 67 hours of the required program. The student must complete a minimum of 12 semester hours of BIOL courses in residence at Winthrop University.

Within the 134-142 hours required for the degree, the student must include a minimum of 40 hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than 3 semester hours of credit may be awarded toward a degree in Biology for a student completing any combination of BIOL 461, 463, and 340 A, B, and C.

COLLEGE OF ARTS AND SCIENCES-BIOLOGY
Certification as a Medical Technologist
Bachelor of Science in Biology

Program Director: Dr. John Dillé

Students desiring national certification as a Medical Technologist should consult with the department's Med-Tech advisor for specific details about this program. Qualified graduates must be accepted by a School of Medical Technology for a year (12 months) of hospital training before being certified.

Required Program	Semester Hours
BIOL 203, 204, 205, 206, 300, 480, 491, and 492	19
BIOL electives, select one course from each of the following areas:	14-15
Ecology/Evolution:	
BIOL 403, 513, 515, or 527	
Organismal Biology:	
BIOL 310	
Physiology/Integrative:	
BIOL 317	
Cell/Molecular:	
BIOL 522	
Select additional courses to total 42 hours in BIOL from the following list:	8-9
BIOL 315, 318, 440, 517, 525, 526, 530, 555, or 556	
Students must complete at least one 500-level BIOL course.	
CHEM 105, 106, 107, and 108	8
CHEM 301, 302, 303, and 304	8
MATH (excluding 291 and 292)	6
Mathematics and Science electives: Select additional courses from the following list: CHEM 313, 314, 523, 524, and 525; CSCI 101 and 105; MATH 141 (or QMTH 205 and 206).	3
Students are advised (optional) to complete CHEM 313 and 314.	
Subtotal	67
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8
Area I (include WRIT 101-102)	6
Area III	9
Area IV	12
Area V	3-6
Subtotal	34-42
Electives	15-23
Total Semester Hours	124

**Students completing the required program for the BS degree in Biology must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score or a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution requirements.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 67 semester hours of the required program. The student must complete a minimum of 12 semester hours of BIOL courses in residence at Winthrop University.

Within the 124 semester hours required for this degree, the student must include a

COLLEGE OF ARTS AND SCIENCES-CHEMISTRY

minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103, or HIST 211 and 212.

No more than 3 semester hours of credit may be awarded toward a degree in Biology for a student completing any combination of BIOL 461, 463 and 340A, B, C.

Although Winthrop University is formally affiliated with the schools of medical technology of Carolinas Medical Center in Charlotte, N.C. and McLeod Regional Medical Center in Florence, S.C. students may apply to any NAACLS accredited hospital program in the U.S. Although specific admission requirements vary among accredited hospitals, students are normally required to have a cumulative grade-point average of at least 3.00 for acceptance into the hospital program.

CHEMISTRY, PHYSICS, AND GEOLOGY

Faculty 2002-2003

Professors

Marsha Bollinger
Lennart Hans Kullberg
Patrick M. Owens, Chair
Mesgun Sebhatu

Instructors

Roy A. Jameson
Kathie Snyder

Associate Professors

Julia P. Baker
Irene Boland
Ponn Maheswaranathan
Thomas F. Moore

Lecturers

Tristram Bethea
Flora Brooks
William A. Quarles
David Whitley

Assistant Professors

Clifton P. Calloway
T. Christian Grattan
Chasta Parker
Theodor A. Zainal

Bachelor of Science in Chemistry

Students major in chemistry to pursue industrial or graduate opportunities in medicine, environmental science, computational molecular modeling, forensics, plastics, chemistry, textiles, health sciences, materials science, energy production, biotechnology, chemical engineering, pharmaceutical sciences, ceramics, environmental engineering, or toxicology. Chemists represent the largest group of industrial scientists in the United States; approximately 50% of all research and development positions in this country are filled by professionals with chemistry or chemical engineering backgrounds.

Students majoring in chemistry can select one of five programs of study to tailor their curricula to meet their long-term professional objectives. Three American Chemical Society programs of study focus on **chemistry**, **biochemistry**, and **environmental chemistry**. A new chemistry-engineering program of study is designed for students interested in obtaining engineering and science degrees. The **multidisciplinary chemistry program of study** is designed for maximum flexibility to meet a broad array of students interests or needs.

COLLEGE OF ARTS AND SCIENCES-CHEMISTRY

Premedical Program with a Bachelor of Science in Chemistry

Students who wish to prepare for application to medical school should acquire a broad foundation in the natural sciences, mathematics, humanities, and the social sciences. Chemistry is a popular major for such students since it allows them to complete the premed requirements without taking a large number of courses outside the major. In addition, the percentage of chemistry majors applying and being accepted to medical school is higher than observed for most other majors. Medical schools generally require two semesters of each of the following courses:

Inorganic Chemistry, Organic Chemistry, General Biology, Physics, Mathematics, and English Composition and Literature. (Biochemistry, anatomy and physiology, genetics, and microbiology are strongly recommended.) All of the courses listed above can be used to fulfill requirements necessary for a major in chemistry.

**ACS Chemistry Programs of Study
Bachelor of Science in Chemistry**

Required ACS Core Program	Semester Hours
BIOL 203-204 Principles of Biology	4
MATH 201-202 Calculus I & II	6
PHYS 211-212 Physics with Calculus I & II	8
CHEM 105-108 General Chemistry I & II	8
CHEM 301-304 Organic Chemistry I & II	8
CHEM 305 Chemical Hygiene and Safety	1
CHEM 312 Introductory Chemometrics	1
CHEM 313-314 Quantitative Analysis	4
CHEM 330, 332 Introductory Inorganic Chemistry	4
CHEM 407-410 Physical Chemistry I & II	8
CHEM 491-494 Departmental Seminar	0
CHEM 523, 525 Biochemistry I	4
Subtotal	56
 Choose one of the three programs of study listed below:	
Chemistry Program of Study (15 hours)	
CHEM 502-503 Instrumental Analysis	4
CHEM 526 Advanced Investigative Biochemistry Lab	2
or CHEM 570 Chemical Synthesis	
CHEM 530 Inorganic Chemistry	3
CHEM 551-552 Individual Research	6
 Biochemistry Program of Study (15 hours)	
CHEM 524 Biochemistry II	3
CHEM 526 & Advanced Course (CHEM 523 Prerequisite)	5-6
or CHEM 551-552 Research I & II	
BIOL 310 Microbiology	3-4
or BIOL 315 Cell Biology	
or BIOL 317 Genetics	
BIOL 521 Cytogenetics	4
or BIOL 522 Immunology	
or BIOL 555 Molecular Biology	
or BIOL 324 Anatomy & Physiology	
 Environmental Chemistry Program of Study (23 hours)	
CHEM 502-503 Instrumental Analysis	4
CHEM 517 Advanced Environmental Chemistry	4
CHEM 527 Biochemical Toxicology	3

COLLEGE OF ARTS AND SCIENCES-CHEMISTRY

CHEM 551-552	Individual Research	6
GEOL 335	Fundamentals of Geochemistry	3
GEOL 340	Hydrogeology	3

Multidisciplinary Chemistry and Chemistry-Engineering Programs of Study Requirements for Bachelor of Science in Chemistry

Required courses		Semester Hours
MATH 201, 202	Calculus I & II	6
CHEM 105-108	General Chemistry I & II	8
CHEM 301, 303	Organic Chemistry I	4
CHEM 312	Introductory Chemometrics	1
CHEM 313-314	Quantitative Analysis	4
CHEM 407, 409	Physical Chemistry	4
CHEM 491-492	Department Seminar	0
Subtotal		27

Choose one of the two programs of study listed below:

Chemistry-Engineering Dual Degree Program of Study (42 hours)

CHEM (above 299)	Approved Chemistry Course	3
CHEM 330, 332	Introductory Inorganic Chemistry	4
MATH 301, 302	Calculus III & IV	6
MATH 305	Differential Equations	3
PHYS 211-212	Physics with Calculus I & II	8
	Approved math, science, or engineering courses	18
	(15 hours above 299, may be taken at Winthrop or at the Engineering school)	
Subtotal	<i>(51 at Winthrop)</i>	69

Multidisciplinary Chemistry Program of Study (42 hours)

CHEM 302, 304	Organic Chemistry II	4
CHEM 408, 410	Physical Chemistry II	4
CHEM (above 299)	Chemistry Electives	8
PHYS 211-212	Physics with Calculus I & II	8
or 201-202	General Physics I & II	
CHEM 493-494	Department Seminar	0
	Approved math or science electives	18
	(15 hours above 299, BIOL, CHEM, CSCI, GEOL, QMTH, PHYS, MATH)	
Subtotal		69

General Education Distribution Requirements not met by Required Program

ACAD 101		0-1
Foreign Language Requirement		4-8
WRIT 101-102		6
Intensive Writing/Oral Communication Requirement		3
Area III		9
Area IV		12
Area V		6
Subtotal		40-45

Electives

ACS Program of Study	0-13
Multidisciplinary Program of Study	10-15

Total Semester Hours **124**

COLLEGE OF ARTS AND SCIENCES-CHEMISTRY

**Students completing the required program for the BS degree in Chemistry must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution requirements.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 71-73 semester hours of the required program. A cumulative grade-point average of 2.00 or better is also required in CHEM courses. The student must complete a minimum of 12 semester hours of CHEM courses in residence at Winthrop University.

Within the 124 semester hours required for this degree, the student must include a minimum of 40 hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

COLLEGE OF ARTS AND SCIENCES-ENGLISH

ENGLISH

Faculty 2002-2003

Professors

Susan B. Ludvigson
William F. Naufftus
David L. Rankin, *Professor Emeritus*
Jane B. Smith
Margaret Tebo-Messina
Jack W. Weaver

Associate Professors

John Bird
Debra C. Boyd, Chair
Max L. Childers
J. Scott Ely
Gloria G. Jones
Marquerite Quintelli-Neary

Lecturers

Clint Alexander
Karyn Campbell
Loch Carnes
Farida Cassimjee
Judy Corbett
Shawn Denton
Matthew Honeycutt
Blackmon Huckabee
Tracy Hudson
Marybeth Hughes

Assistant Professors

Siobhan Brownson
Matthew A. Fike
Josephine A. Koster
Kelly Richardson

Instructors

Jack DeRochi
Norma McDuffie
Jesse Rollins
Sally Sevcik
Evelyne Weeks

Patricia MacEnulty
Mary Martin
Marilyn Montgomery
Charlene Rodriguez
Britt Terry-Smith
Julie Townsend

Bachelor of Arts in English

Professional Communication or Literature and Language

The Bachelor of Arts degree in English provides a strong liberal arts background and prepares students for careers that require strong analytical and communication skills.

Required Core Program	Semester Hours
ENGL 203 or both 201 and 202	3-6
ENGL 207 or both 205 and 206	3-6
ENGL 211 or both 209 and 210	3-6
ENGL 300	3
ENGL 305	3
ENGL 491	0

Courses as specified in one of the following areas:

Professional Communication: At least one ENGL or WRIT course above 499; 15 hours from WRIT 300, 350, 351, 465, 500, 566, ENGL 303, SPCH 201; 3 hours from MCOM 241, 341, 370; Electives from ENGL or WRIT above 299 or MCOM 471

Subtotal 39

Students majoring in the Professional Communication area may not minor in Writing.

Literature and Language: At least one ENGL course above 499; ENGL 302 or 303; ENGL 323 or 324 or 504 or 515 or 518 or 529; ENGL 319 or 501 or 503 or 511 or 512 or 513 or 514

COLLEGE OF ARTS AND SCIENCES-ENGLISH

or 520 or 521 or 525 or 527; electives from ENGL above 299; 6 hours from HIST 306 or 307 or 308 or 343 or 344 or 346 or 347 or 525 or 540 or 542.

Subtotal	42
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	3-11*
Area I (include WRIT 101-102)	15
Laboratory Science	3
Area II	6
Area III	9
Area IV	3-6
Area V	0-6
Subtotal	39-57
Minor	15-24
Electives	1-31
Total Semester Hours	124

**Students completing the required program for the BA degree in English must demonstrate proficiency in a foreign language at or above the third semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 201 or any course with 201 as a prerequisite.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 39 or 42 semester hours of the required program.

The student must complete a minimum of 12 semester hours of ENGL courses in residence at Winthrop University. In addition to the 39-42 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must include a minimum of 40 hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience or Academic Internship or a combination of the two can count toward the major in English.

**Bachelor of Arts in English
Certification as Secondary School Teacher**

Students desiring certification as teachers of English should consult with the department's teacher certification adviser and Student Academic Services in the College of Education for specific requirements for admission to the Teacher Education Program.

Required Program	Semester Hours
ENGL 203	3
ENGL 207	3
ENGL 211	3
ENGL 305	3
ENGL 300*, 302*, and 303*	9
ENGE 391, 392, and 519*	7
WRIT 350*	3
ENGL 491	0
Electives from ENGL above 299, WRIT 300, 307, 316, or 500 (only 3 hours may be from WRIT 307 or WRIT 316)	6
Subtotal	37

**Note: A minimum grade of C is required in specific major courses for teacher certification.*

COLLEGE OF ARTS AND SCIENCES-ENGLISH

General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Area I (include WRIT 101-102)	15
Area II	
Laboratory science course in biological and physical sciences.	6
Select 3 additional hours from the following courses: ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS	3
Area III	9***
Area IV Choose two (2) courses from two different subject areas from the following (6 hours total): ARTT 298 or ARTH 175 or ARTH 176; DANT 298; MUST 298; THRT 298 or 310 or 311 (ARTT AND ARTH ARE CONSIDERED TO BE THE SAME AREA FOR THIS REQUIREMENT.) Also, 3 hours of HIST are required.	9***
Area V	3***
Foreign Language Requirement	3-11**
Subtotal	48-57
Professional Education Sequence :	
EDUC 110*, 210*, 250, 275*, 310*, 390*, 475, 490	29
Electives	1-10
Total Semester Hours	124

* Must attain a C or better.

**Students completing the required program for the BA in English must demonstrate proficiency in a foreign language at or above the third semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 201 or any course with 201 as a prerequisite.

***Within Areas III, IV and/or V, teacher education students must select one course from Global Perspectives and one course from Multicultural Perspectives.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of 2.0 in the 37 semester hours of the required program. The student must complete a minimum of 12 semester hours of ENGL courses in residence at Winthrop University.

Within the 124 semester hours required for the BA degree, the student must include a minimum of 40 hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience or Academic Internship or a combination of the two can count toward the major in English.

Bachelor of Science in Science Communication

This degree is designed to prepare students for careers in writing and reporting on scientific and technical subjects for the popular press and in-house industry publications. Students will be trained to write technical reports, user manuals, software documentation, technical descriptions and explanations, and similar materials for business and industry. They will also receive training in the use of photographic equipment, in visual media, and in computer word processing.

COLLEGE OF ARTS AND SCIENCES-SCIENCE COMMUNICATION

Required Program	Semester Hours
Writing Core:	33
WRIT 300, 351, 566	9
WRIT 461, 462 (Science Comm. Internship)	6
ENGL 380	3
ENGL or WRIT above 299*	6
(*WRIT 465 required if BIOL 300 not taken)	
ENGL 491	0
MCOM 241, 340, and either 333 or 343	9
Technology:	9
ARTS 370 or 311	3
CSCI 110 or 151	3
MGMT 511	3
Science Methods/Statistics:	11-12
PSYC 101, 301, and 302*	
(*WRIT 465 required with this option)	
OR	
BIOL 203, 204, 205, or 206; and BIOL 300	
Additional Science Courses	15-16
Choose from areas below and at least 8 hours from one designator:	
Life Sciences: BIOL above 199; ANTH 202, 350; NUTR 201; SCIE 202, 301	
Physical Sciences: CHEM, PHYS, GEOL, SCIE 201B, 201C	
Other Required Courses	3
MATH 101	3
Subtotal	71-73
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
WRIT 101-102	6
Area III	0-3
Area IV (HIST)	3
Area V	6
Subtotal	19-27
Electives	24-34
Total Semester Hours	124

**Students completing the required program for the BS in Science Communication must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 71-73 semester hours of the required program. The student must complete a minimum of 12 semester hours of ENGL and/or WRIT courses in residence at Winthrop University.

Within the 124 semester hours required for the BS degree, the student must include a minimum of 40 hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

COLLEGE OF ARTS AND SCIENCES-ENVIRONMENTAL SCIENCES/STUDIES
ENVIRONMENTAL SCIENCES/STUDIES

**Bachelor of Science in Environmental Sciences and
 Bachelor of Arts in Environmental Studies**

The BS degree in Environmental Sciences will educate students in the scientific, social, political, ethical, and policy aspects of environmental issues in preparation for scientific careers in industry, government, and consulting, and for graduate programs in environmental sciences. The BA degree in Environmental Studies will provide students with a broad introduction to the scientific, social, political, cultural, economic, and policy aspects of environmental issues. BA students will minor in a discipline linked to their major and will be prepared to pursue careers with environmental groups, policy groups, and consulting firms and to continue studies in graduate programs in environmental studies and law.

Bachelor of Science in Environmental Sciences

Required Program	Semester Hours
ENVS 101, 520	6
BIOL 204/203; 205 OR 206; 310; 515	16
CHEM 105/107; 106/108; 301/303; 302/304	16
GEOL 110/113; 340	7
MATH 141; 105 OR 201	6
PHYS 201 OR 211	4
Science electives, select four courses:	12-16
BIOL 300	4
BIOL 403	4
CHEM 313/314	4
CHEM 517	4
ENVS 495	3
ENVS 496	3
ENVS 510	3
GEOL 335	3
MATH 202	3
MATH 300	3
MATH 305	3
MATH 546	3
PHYS 202 OR 212	4
Environmental Humanities electives, select four courses:	12
ANTH 350	3
GEOG 101	3
ECON 343	3
HIST 530	3
PHIL 340	3
PLSC 325	3
SOCL 310	3
Subtotal	79-83
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Area I	0-3

COLLEGE OF ARTS AND SCIENCES-ENVIRONMENTAL SCIENCES/STUDIES

Foreign Language Requirement	4-8*
WRIT 101 - 102	6
Area III	0-6
Area IV	6-12
Area V	3-6
Subtotal	19-42
Electives	0-26
Total	124-125

**Students completing the required program for the BS degree in Environmental Sciences must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution Requirements.*

The student must attain a cumulative grade-point average of 2.0 or better in courses taken at Winthrop and included in the 79-83 semester hours of the required program. The student must complete a minimum of 12 semester hours of required courses in residence at Winthrop University. Within the 124 semester hours required for this degree, the student must include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

Bachelor of Arts in Environmental Studies

Required Program	Semester Hours
ENVS 101, 520	6
BIOL 204/203	4
CHEM 117	3
ECON 343	3
GEOG 101	3
HIST 530	3
PHIL 340	3
PLSC 325	3
MATH 141	3
Electives; select two courses from the following:	6
ANTH 350	3
ECON 216	3
ENGL 380	3
ENVS 495	3
ENVS 496	3
ENVS 510	3
MCOM 205	3
PLSC 202	3
PLSC 220	3
SOCL 310	3
WRIT 566	3
Science Electives; select one course from the following:	3-4
ENVS 495	3
ENVS 496	3

COLLEGE OF ARTS AND SCIENCES-ENVIRONMENTAL STUDIES	
ENVS 510	3
BIOL 206	4
BIOL 303	4
BIOL 310	4
BIOL 403 OR 515	4
CHEM 105/107	4
GEOLOG 110/113	4
PHYS 201	4
Subtotal	40-41
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101 - 102)	9
Area II	0-2
Area III	0-3
Area IV	3-6
Area V	0-6
Subtotal	16-35
Minor Requirements	15-24
Electives	24-53
Total Hours	124

**Students completing the required program for the BA degree in Environmental Studies must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution Requirements.*

HISTORY**Faculty 2002-2003****Professors**

Michael L. Kennedy
Jason H. Silverman

Associate Professors

Rory T. Cornish, Chair
Lynne Dunn
Ishita Ghosh
Edward S. Haynes
J. Edward Lee
Virginia S. Williams

Assistant Professors

L. Andrew Doyle
Janet Hudson
David Pretty

Lecturers

Mary Catherine Griffin
Robert Sturgis
Ross A. Webb
Richard D. Whisonant

Bachelor of Arts in History

The history major is frequently chosen by students who wish to pursue careers in such fields as teaching, law, library and archival work, and journalism, as well as in areas less directly related to the study of history, including fields in business and industry.

Required Program	Semester Hours
HIST 101, 102, 211, 212, 500	15
HIST electives, including at least 6 hours at the 500 level and at least 3 semester hours from each of the following groupings:	
United States:	
HIST 308, 310, 313, 314, 315, 321, 505, 507 509, 515, 518, 521, 524, 525, 526, 527;	
Europe:	
HIST 343, 344, 345, 346, 347, 540, 541, 542, 547, 548;	
Asia, Africa, and Latin America:	
HIST 331, 332, 337, 351, 352, 551, 552, 553, 560, 561. HIST 350, 355A, B, C, 450, 463 and 550 may also be taken as electives and would be applied to the groupings above in which the particular subject matter applies.	15
Subtotal	30
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (Include WRIT 101-102)	15
Laboratory science	3
Area II	6
Area III	9
Area IV	6
Subtotal	43-48
Electives	46-51
Total Semester Hours	124

**Students completing the required program for the BA in History must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

COLLEGE OF ARTS AND SCIENCES-HISTORY

History majors are strongly advised not to take history courses on the 300 or 500 level prior to the semester they register for HIST 500 (Historical Methodology). Such courses may, however, be taken concurrently with HIST 500. The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 30 semester hours of the required program. The student must complete a minimum of 12 semester hours of HIST courses in residence at Winthrop University.

In addition to the 30 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299.

No more than three hours of Cooperative Education Experience can count toward the major.

Students desiring certification as teachers of social studies should consult the specific program requirements listed in the next section or the B.A. in Political Science program.

Bachelor of Arts in History Certification as Secondary School Teacher of Social Studies

Students desiring Certification as teachers of secondary social studies should consult with the department's teacher certification adviser and the College of Education section of the catalog for specific requirements for admission to the Teacher Education Program.

Required Program	Semester Hours
ANTH 201; ECON 215, 216; GEOG 101,103 or 104 or 306;	
PLSC 201, 202; SOCL 101	24
HIST 101, 102, 211, 212, 500	15
HIST electives	
Including at least 6 hours at the 500 level and at least 3 semester hours from each of the following groupings:	
United States:	
HIST 308, 310, 313, 314, 315, 321, 505, 507, 509, 515, 518, 521, 524, 525, 526, 527;	
Europe:	
HIST 343, 344, 345, 346, 347,540, 541, 542, 547, 548;	
Asia, Africa, and Latin America:	
HIST 331, 332, 337, 351, 352, 551, 552, 553, 560, 561.	
HIST 350, 355A, B, C; 450, 463, and 550 may also be taken as electives and would be applied to the groupings above in which the particular subject matter applies. (Six hours of Global Perspectives and/or European, and 6 hours of US and/or SC are strongly recommended.)	15
Subtotal	54
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	15
Area II	
Laboratory Science courses in biological and physical sciences.	6
Select 3 hours from: BIOL, CHEM, GEOL, PHSC, and PHYS	3
Area IV	
Choose 2 courses from two different subject areas from the following (6 hrs total):	
ARTT 298 or ARTH 175 or 176; DANT 298; MUST 298;	
THRT 298, 310 or 311	
(ARTT AND ARTH ARE CONSIDERED TO BE THE SAME AREA FOR THIS REQUIREMENT. Also 3 hours of ENGL is required.)	9
Subtotal	37-42

COLLEGE OF ARTS AND SCIENCES-HUMAN NUTRITION

Professional Education Sequence:

EDUC 110**, 210**, 250**, 275**, 310**, 390**, 475, 490	29
SCST 391, 392	4
Subtotal	33
Electives	0
Total Semester Hours	124-129

*Students completing the required program for the BA in History, Certification as a secondary school teacher of social studies must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.

** A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of a 2.0 in the 54 semester hours of the required program. The student must complete a minimum of 12 semester hours of HIST courses in residence at Winthrop University. Within the 124 semester hours required for this BA degree, the student must also include a minimum of 40 semester hours in courses numbered above 299.

No more than three hours of Cooperative Education Experience can count toward the major.

HUMAN NUTRITION

Faculty 2002-2003

Professors

Sarah F. Stallings
Patrica Giblin Wolman, Chair

Instructors

Christine H. Goodner
Judy Harper Thomas

Associate Professor

E. Jean Silagyi Rebovich

Lecturers

Sally Kiefer
Ratna Kolhatkar
Elizabeth Weikle

Assistant Professor

R. Carlton Bessinger
Mabaye Dia

Bachelor of Science in Human Nutrition CADE Accredited Didactic Program in Dietetics

Students completing this program meet or exceed the minimum academic requirements of the Commission on Accreditation for Dietetics Education (CADE) of The American Dietetic Association. CADE is a specialized accrediting body recognized by the

COLLEGE OF ARTS AND SCIENCES-HUMAN NUTRITION

Commission on Recognition of Postsecondary Accreditation and the United States Department of Education. The address and phone number of CADE are: 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 899-4876. Students will be prepared to work as entry-level dietitians after completing an accredited internship.

CADE Didactic Program in Dietetics verification from Winthrop University requires completion of the B.S. degree in Human Nutrition with a minimum grade of C and a grade point average greater than or equal to 2.5 in all NUTR courses.

Required Program	Semester Hours
NUTR 221, 321, 322, 326, 327, 370, 371, 421, 427, 471, 472, 521, 522, 523, 524, 527, 534, 572	44
ANTH 201 or SOCL 201	3
BIOL 305, 310	8
CHEM 105-106, 107-108, 301, 303, 521, 522	16
SPCH 201	3
ECON 215 or 216	3
MATH 101 or 140 and 141	6
CSCI 101 or 110	3
PSYC 101, 307	6
HLSM 200	3
WRIT 101-102	6
Subtotal	101
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area IV	12
Area V	3-6
Subtotal	19-27
Electives	0-4
Total Semester Hours	124-128

**Students completing the required program for the BS in Human Nutrition must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 10 semester hours of the required program.

Within the 124 semester hours required for this degree, the student must include a minimum of 40 hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

Nutrition Science Option

Students completing this program meet or exceed the minimum academic requirements for graduate study in medicine, dentistry, physical therapy, and physician's assistant and pharmacy programs.

Required Program	Semester Hours
NUTR 221, 321, 322, 327, 370, 421, 427, 521, 522, 523, 524, 527, 534	33
ANTH 201 or SOCL 201	3
BIOL 305, 306, 310	12

COLLEGE OF ARTS AND SCIENCES-HUMAN NUTRITION

CHEM 105/107, 106/108, 301/303, 302/304, 521/522	20
PHYS 201, 202	8
SPCH 201 (or other oral intensive course)	3
ECON 215 or 216	3
MATH 101 or 140 or above (not 291 or 292) and 141	6
CSCI 101 or 110	3
PSYC 101, 307	6
HLSM 200	3
WRIT 101, 102	6
Subtotal	106

General Education Distribution Requirements not met by Required Program

ACAD 101	0-1
Foreign Language Requirement	4-8*
Area IV	12
Area V	3-6
Electives	0

Total **125-133**

Food Systems Management Option

The Food Systems Management option prepares students for entry-level positions in food systems administration. Career opportunities are available in restaurants, hotels, health care agencies and a variety of other food-related businesses. Sales positions with food and equipment companies also offer career possibilities.

Required Programs	Semester Hours
NUTR 221, 320, 321, 322, 326, 327, 370, 371, 421, 471, 472, 523, 524, 572, 576	34
CHEM 105, 106, 107, 108	8
MCOM 341 or PLSC 220 or 320	3
CSCI 101 or 110	3
ECON 215 or 216	3
ECON 350 or PSYC 516 or SPCH 304 or PHIL 230 or 320	6
MATH 101, 105	6
PSYC 101	3
SOCI 101, 314	6
WRIT 101, 102, 465 or 566	9
ACCT 280, 281	6
FINC 311	3
MGMT 321, 422	6
BIOL 101	3
Subtotal	99
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area IV	12
Area V	3-6
Subtotal	19-27
Electives	0-5
Total Semester Hours	124-127

No more than three hours of Cooperative Education Experience can count toward the major.

COLLEGE OF ARTS AND SCIENCES-MASS COMMUNICATION
MASS COMMUNICATION

Faculty 2002-2003

Professors

J. William Click, Chair
 William A. Fisher

Assistant Professor

Robert A. Pyle

Associate Professors

D. Haney Howell
 Marilyn S. Sarow
 Lawrence C. Timbs

Instructor

Guy S. Reel

Bachelor of Arts in Mass Communication

Students majoring in mass communication are interested in careers in newspaper journalism, broadcast journalism, broadcast production, media management, magazine journalism, public relations, advertising, business journalism, or online journalism.

By the time of graduation, mass communication graduates are expected to be able to gather, organize and process information; conduct interviews; write in professional style to a professional level of competence; and edit and produce, either in printed or broadcast form; all while meeting standards of professional ethics.

Students will be classified as pre-majors (MCMP) in the department until they have completed WRIT 101 and 102, MATH 101 or 140, ECON 215 or 216, MCOM 205 and 241, and have attained a 2.0 or higher grade-point average, at which time they can apply for admission to the program.

Students are required to earn a "C" or better in each required course in the major as well as to earn at least a 2.0 GPA in the major.

Students are required to type all written assignments and must furnish their own word processors. Keyboard proficiency is required for MCOM 241 and is tested each semester before registration. Students who fail the test must wait until the following semester to take the test again and are advised to take a course involving keyboard use before attempting the proficiency test again.

The mass communication major is limited to 36 hours of MCOM and IMCO courses. Students who exceed 36 hours in MCOM and IMCO will not be allowed to apply those additional hours toward the required degree program.

Students are expected to complete courses in the major in numerical order; for example, MCOM 205, 241, 333, 342, 343, 410, 412, 441.

At least 21 semester hours of the major must be completed at Winthrop University. A maximum of 12 semester hours may be transferred into the major from another accredited institution; additional transfer hours in journalism or mass communication will not apply toward the degree. MCOM 241 and 342 must be taken at Winthrop. A grade of B or better in WRIT 101 or 102 is required for admission to MCOM 241.

Students must complete at least 65 hours in the basic liberal arts and sciences.

Required Program	Semester Hours
MCOM 205, 241, 410, 412	12
Complete one of the following sequences:	
Journalism:	
MCOM 333, 342, 441; one from MCOM 331 or 343 or 471 or 510; and ARTS 310 or 311 ¹	15
MCOM Electives	9
Broadcast:	
MCOM 325, 346, 425, 446; and 444 or 447	15
MCOM Electives	6

COLLEGE OF ARTS AND SCIENCES-INTEGRATED MARKETING COMMUNICATION

MATH 141 or QMTH 205 or SOCL 316 or PSYC 301; ECON 215 or 216; HIST 212 or 308 or 507 or 509; PLSC 202; SPCH 201 ²	15-18
Subtotal	48-54

General Education Distribution Requirements not met by Required Program:

ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	9-12
Laboratory Science	3
Area II	6
Area III	3
Area IV	6-9
Area V	6
Subtotal	37-48
Electives (must include one minor or a second major)	22-39
Total Semester Hours	124

¹Courses taken outside the department (MCOM) do not count toward the 36-hour maximum in the major.

²Count as required General Education courses that are not part of the MCOM major.

*Students completing the required program for the BA degree in Mass Communication must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution requirements.

In addition to the 48-54 semester hours of the required program, the student must select and complete a minor or a second major, attaining no less than a 2.0 GPA in the minor or second major. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212. The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 48-54 semester hours of the required program.

Bachelor of Science in Integrated Marketing Communication

Students majoring in integrated marketing communication are interested in careers in the various communication professions that support the marketing of products and services to consumers and business organizations, including advertising, public relations, integrated marketing communication, and corporate communication.

By the time of graduation, integrated marketing communication graduates are expected to be able to gather, organize and process information and data, conduct interviews, write in professional style to a professional level of competence, and produce marketing communication messages and materials in printed, electronic or multimedia form, all while meeting standards of professional ethics.

Students will be classified as pre-majors (IMCP) in the program until completion of 16 hours of coursework (MATH 101 or 140; WRIT 101 and 102; ECON 215 or 216; CSCI 101; and IMCO 105) with a minimum GPA of 2.0. Students must apply to the Integrated Marketing Communication Committee for admission into the program.

Students are required to earn a "C" or better in each course in IMCO, MCOM, MGMT and MKTG.

Keyboard proficiency is required for MCOM 241.

COLLEGE OF ARTS AND SCIENCES-INTEGRATED MARKETING COMMUNICATION

The integrated marketing communication major is limited to 36 hours of MCOM and IMCO courses and 30 hours of business administration courses. Students who exceed these maxima will not be allowed to apply those additional hours toward the required degree program.

Students are expected to complete courses in the major in the prescribed order. Assigned academic advisers should be consulted regarding course selection and sequencing.

At least 35 semester hours of the 47 required hours in mass communication and business administration must be completed at Winthrop University. A maximum of 12 semester hours may be transferred into the major from other accredited institutions; additional transfer hours in journalism, mass communication, marketing and management will not apply toward the major and will not apply toward the degree if they exceed the maxima of 36 hours in MCOM and IMCO or 30 hours in business administration.

Students must complete at least 65 hours in the basic liberal arts and sciences.

Required Program	Semester Hours
IMCO 105, 475	4
MCOM 241, 341, 370, 410, 461 or 462 or 463; 6 hours from MCOM 333, 346, 349, 471 and one MCOM elective	22-24
ACCT 280, BADM 411, MKTG 380, 381, 481, 482; MGMT 321, QMTM 205 and 206, or SOCL 316 or PSYC 301; ECON 215 or 216; PSYC 101; HIST 212 or 308 or 507 or 509; ARTS 276 or 277 or 278 or 310 or 311 or 370; SPCH 201 ¹	21
	19-21
Subtotal	66-70
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (Include Writ 101-102 and CSCI 101)	12
Laboratory Science	3-4
Area II	6
Area IV	
Area V	6
Subtotal	37-43
Electives	11-21
Total Semester Hours	124

¹Count as required General Education courses that are not part of the major.

*Students completing the required program for the B.S. degree in Integrated Marketing Communication must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Distribution requirements.

Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212. The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 66-70 semester hours of the required program.

MATHEMATICS**Faculty 2002-2003****Professors**

Gary T. Brooks, Chair
 Ronnie C. Goolsby
 Danny W. Turner

Associate Professors

Heakyung Lee
 Thomas W. Polaski

Assistant Professors

Carlos E. Caballero
 Beth G. Costner
 Frank B. Pullano
 Dawn Strickland
 J. Chris Tisdale III
 Arthur Vartanian

Instructors

Nanette Altman
 Iris Coleman
 Cara Jokell
 Ovid Mentore
 Rudolph Weigand

Bachelor of Arts in Mathematics

This degree program is designed for students who wish to major in mathematics as liberal arts students or for students wishing to pursue careers as mathematics teachers. Students who expect to become professional mathematicians or to do graduate work in mathematics should select the Bachelor of Science in mathematics program.

Required Program	Semester Hours
MATH 201, 202, 300, 301, 302, 351, 522, 541	24
Select 3 hours from MATH 375, 535, 542, 543, 545	3
Select 9 additional hours from MATH courses above 300	9
CSCI 110, 207	7
Subtotal	43
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
WRIT 101-102	6
Laboratory Science	3
Area II	6
Area III	9
Area IV	12
Area V	6
Subtotal	46-51
Electives	30-35
Total Semester Hours	124

**Students completing the required program for the BA in mathematics must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 43 semester hours of the required program.

COLLEGE OF ARTS AND SCIENCES-MATHEMATICS

The student must complete a minimum of 12 semester hours of MATH courses in residence at Winthrop University.

In addition to the 43 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major. Students desiring certification as teachers of mathematics should consult the specific program requirements listed in the next section.

Bachelor of Arts in Mathematics Certification as Secondary School Teacher

Required Program	Semester Hours
MATH 201, 202, 300, 301, 302, 351, 522, 541	24
Select 3 hours from MATH 542, 545	3
Select 3 additional hours from MATH courses above 300	3
MATH 520, MAED 548	6
CSCI 110, 207	7
Subtotal	43
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
WRIT 101-102	6
Area II	
Laboratory science course in biological and physical sciences;	6
3 additional hours from: BIOL, CHEM, GEOL, PHSC, PHYS	3
Area III	9**
Area IV	
Choose 2 courses from two different subject areas from the following (6 hours total): ARTT 298 or THRT 298 or 310 or 311 (ARTT and ARTH are considered to be the same area for this requirement.) Also, 3 hours of ENGL and 3 hours of HIST are required)	12**
Area V	6**
Subtotal	46-51
Professional Education Sequence:	
EDUC 110, 210, 250, 275, 310, 390, 475, 490	29***
MAED 391, 392	4
Subtotal	33
Electives	0-2
Total Semester Hours	124

Prior to taking EDUC 475 or 490, all students must have completed certain specific mathematics course work with a grade of C or better. Students are encouraged to contact their mathematics adviser early in their career for a list of these specific courses. Any petition to this criteria must be approved by the Chair of Mathematics.

**Students completing the required program for the BA in Mathematics must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

*** Within Areas III, IV and V, teacher education students must select one course from Global*

COLLEGE OF ARTS AND SCIENCES-MATHEMATICS

Perspectives and one course from Multicultural Perspectives.

*** A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of a 2.0 in the 43 semester hours of the required program. The student must complete a minimum of 12 semester hours of MATH courses in residence at Winthrop University.

Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

Bachelor of Science in Mathematics

This degree program is designed for students whose career goals require a strong, comprehensive preparation in mathematics. Such careers include engineering, physics, computer technology and other areas of the sciences. Students pursuing careers as professional mathematicians and those who expect to do graduate work in mathematics are advised to choose this program for their undergraduate major in mathematics.

Table with 2 columns: Required Program and Semester Hours. Rows include MATH 201, 202, 300, 301, 302, 351, 522, 541 (24); Select 3 hours from MATH 509, 551, 553 (3); Select 3 hours from MATH 375, 535, 542, 543, 545 (3); Select 9 additional hours from MATH courses above 300 (9); CSCI 110, 207, 208 (11); Select 3 hours from CSCI 271, 381, MATH 375, 542, 543, 545 (3); PHYS 211, 212 (8); Subtotal (61); General Education Distribution Requirements not met by Required Program (ACAD 101: 0-1; Foreign Language Requirement: 4-8*; WRIT 101-102: 6; Area II: 1; Area III: 9; Area IV: 12; Area V: 6); Subtotal (38-43); Electives (20-25); Total Semester Hours (124).

*Students completing the required program for the BS in Mathematics must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 61 semester hours of the required program.

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The student must complete a minimum of 12 semester hours of MATH courses in residence at Winthrop University.

Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

Bachelor of Science in Mathematics Certification as Secondary School Teacher

Students desiring certification as teachers of mathematics should consult with the department's teacher certification adviser and the College of Education section of the catalog for specific requirements for admission to the Teacher Education Program.

Required Program	Semester Hours
MATH 201, 202, 300, 301, 302, 351, 522, 541	24
Select 3 hours from MATH 542, 545	3
Select 3 hours from MATH 509, 551, 553	3
Select 3 additional hours from MATH courses numbered above 300	3
MATH 520, MAED 548	6
CSCI 110, 207, 208	11
Select 3 hours from MATH 375, 542, 543, 545; CSCI 271, 381	3
PHYS 211-212	8
Biological Lab Science	3
Subtotal	64
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
WRIT 101-102	6
Area III	9**
Area IV	
Choose 2 courses from two different subject areas from the following (6 hours total): ARTT 298 or ARTH 175, 176; DANT 298; MUST 298; THRT 298 or 310 or 311 (ARTS AND ARTH ARE CONSIDERED TO BE THE SAME AREA FOR THIS REQUIREMENT.) Also, 3 hours of ENGL and 3 hours of HIST	12**
Area V	6**
Subtotal	37-42
Professional Education Sequence:	
EDUC 110, 210, 250, 275, 310, 390, 475, 490	29***
MAED 391, 392	4
Subtotal	33
Total Semester Hours	134-139

Prior to taking EDUC 475 or 490, all students must have completed certain specific mathematics course work with a grade of C or better. Students are encouraged to contact their mathematics advisers early in their careers for a list of these specific courses. Any petition to this criteria must be approved by the Chair of Mathematics.

**Students completing the required program for the BS in Mathematics must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3*

COLLEGE OF ARTS AND SCIENCES-MATHEMATICS

semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.

***Within Areas III, IV and V, teacher education students must select one course from Global Perspectives and one course from Multicultural Perspectives.*

**** A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.*

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of a 2.0 GPA in the 64 hours of the required program. The student must complete a minimum of 12 semester hours of MATH courses in residence at Winthrop University.

Within the 134-139 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

**Bachelor of Science in Mathematics
Concentration in Statistics**

Required Program	Semester Hours
MATH 201, 202, 300, 301, 302, 351, 522, 541	24
MATH 542, 543, 545, 547	12
Select 3 hours from: MATH 509, 551, 553	3
Select 3 additional hours from MATH courses numbered above 300	3
CSCI 110, 207, 208	11
PHYS 211, 212	8
Subtotal	61
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
WRIT 101-102	6
Area II	1
Area III	9
Area IV	12
Area V	6
Subtotal	38-43
Electives	20-25
Total Semester Hours	124

**Students completing the required program for the BS in Mathematics must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

The student must attain a cumulative grade-point average of 2.00 or better in

COLLEGE OF ARTS AND SCIENCES-MATHEMATICS

courses taken at Winthrop and included in the 61 semester hours of the required program.

The student must complete a minimum of 12 semester hours of MATH courses in residence at Winthrop University.

Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

**Bachelor of Science in Mathematics
Concentration in Statistics
Certification as a Secondary School Teacher**

Required Program	Semester Hours
MATH 201, 202, 300, 301, 302, 351 522, 541	24
MATH 542, 543, 545, 547	12
Select 3 hours from MATH 509, 551, 553	3
MATH 520, MAED 548	6
CSCI 110, 207, 208	11
PHYS 211, 212	8
Biological Lab Science	3
Subtotal	67
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
WRIT 101-102	6
Area III	9**
Area IV	
Choose 2 courses from two different subject areas from the following (6 hours total): ARTT 298 or ARTH 175, 176; DANT 298; MUST 298; THRT 298 or 310 or 311 (ARTT AND ARTH ARE CONSIDERED TO BE THE SAME AREA FOR THIS REQUIREMENT.)	
Also, 3 hours of ENGL and 3 hours of HIST are required	12**
Area V	6**
Subtotal	37-42
Professional Education Sequence:	
EDUC 110, 210, 250, 275, 310, 390, 475, 490	29***
MAED 391, 392	4
Subtotal	33
Total Semester Hours	137-142

Prior to taking EDUC 475 or 490, all students must have completed certain specific mathematics course work with a grade of C or better. Students are encouraged to contact their mathematics advisers early in their careers for a list of these specific courses. Any petition to this criteria must be approved by the Chair of Mathematics.

**Students completing the required program for the BS in Mathematics must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

COLLEGE OF ARTS AND SCIENCES-MODERN LANGUAGES

***Within Areas III, IV and V, teacher education students must select one course from Global Perspectives and one course from Multicultural Perspectives.*

**** A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.*

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of a 2.0 GPA in the 67 hours of the required program. The student must complete a minimum of 12 semester hours of MATH courses in residence at Winthrop University.

Within the 136-137 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

MODERN LANGUAGES

Faculty 2002-2003

Professors

Guillermo I. Castillo-Feliú
Donald Flanell Friedman

Associate Professors

Barbara Esquivel-Heinemann, Chair
Cecile Leung
Pedro M. Muñoz

Assistant Professor

Aurora Fiengo-Varn

Instructors

Ellen Brightwell
Eva Molnar

Lecturers

Anna Cafaro
Steve Cansler
Adelheid Carpenter
Natasha L. Carrillo
Catherine D'Agostino
Darlene Hegel
Shelia Hill-Carter
Christian Lempertz
Robert Lucas
Bud Newcomb
Tom Shealy, Professor Emeritus
Shinichi Shoji
Victoria Uricoechea
Pan Zhixing

Bachelor of Arts in Modern Languages

The Department of Modern and Classical Languages offers a BA in Modern Languages with two specializations, Spanish and French.

Students majoring in foreign language have gone on to graduate school in advanced language study or international business, have entered the teaching profession, or have obtained positions in translation services and bilingual capacities in business and industry and in travel agencies.

The beginning courses (101-102), or the equivalent, are prerequisites for all other courses; however, they may not be applied toward fulfillment of the required program in any language. They may be applied to the six hours required in the second language and will be applied as part of the 42-43 hours of elective credit available.

COLLEGE OF ARTS AND SCIENCES-MODERN LANGUAGES

Required Program	Semester Hours
Either SPAN or FREN 201, 202, 250, 301 or 302, 310,401, 499	20
Elect from courses above 202 (excluding 575 may include MLAN 330 or 530) to include at least 3 hours at the 500 level	10
Electives in a second foreign language (excluding 575)	6
Subtotal	36
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Area I (include WRIT 101-102)	12*
Laboratory Science	3
Area II	6
Area III	9
Area IV	12
Area V	3*
Subtotal	45-46
Electives	42-43
Total Semester Hours	124

**Note: A maximum of 3 semester hours of foreign language courses may be applied to Area I and Area V of the Winthrop University General Education Requirements as restricted by the College of Arts and Sciences General. The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 36 hours of the required program.*

A competency exam on the basic skills may be administered to all majors, minors and any interested students after completion of the intermediate sequence (201, 202, 250). The exam is diagnostic, and remedial work, if needed, will be recommended.

Students should enroll in 499 and will be tested individually, after completion of 18 semester hours above 102, usually no later than the second semester of the junior year, and before enrollment in any 500-level course. Remedial work, if needed, will be recommended. A grade of S is required for graduation.

The student must complete a minimum of 12 semester hours in the major in residence at Winthrop University.

In addition to the 36 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

**Bachelor of Arts in Modern Languages
Certification as Secondary School Teacher
(French or Spanish Emphasis)**

Students desiring Certification as teachers of French or Spanish should consult with the department's teacher certification advisor and the College of Education section of the catalog for specific requirements for admission to the Teacher Education Program.

Required Program	Semester Hours
Either FREN or SPAN 201, 202, 250, 301 or 302, 310, 401, 499	20
Elect courses from FREN or SPAN above 202 to include at least 3 hours at the 500 level	10

COLLEGE OF ARTS AND SCIENCES-MODERN LANGUAGES

Electives in a second foreign language (excluding 575)	6
Subtotal	36
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Area I (include WRIT 101-102 and limit foreign language hours to a maximum of three)	12
Area II	
Laboratory science course in biological and physical sciences	6
Select 3 additional hours from: BIOL, CHEM, GEOL, PHSC, PHYS	3
Area III	9*
Area IV	
Choose 2 courses from two different subject areas from the following (6 hours total): ARTT 298 or ARTH 175, or 176; DANT 298; MUST 298; THRT 298 or 310 or 311 (ARTT AND ARTH ARE CONSIDERED TO BE THE SAME AREA FOR THIS REQUIREMENT.) Also, 3 hours of ENGL and 3 hours of HIST are required	12*
Area V (non-foreign language courses)	3*
Subtotal	45-46
Professional Education Sequence:	
EDUC 110, 210, 250, 275, 310, 390, 475, 490	29**
MLAN 391, 392	4
Subtotal	33
Electives	9-10
Total Semester Hours	124

* *Within Areas III, IV and V, teacher education students must select one course from Global Perspectives and one course from Multicultural Perspectives.*

** *A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.*

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a GPA of 2.00 or better in the 36 hours of the required program. The student must complete a minimum of 12 semester hours in the major in residence at Winthrop University.

Within the 124 semester hours required for the BA degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

COLLEGE OF ARTS AND SCIENCES-PHILOSOPHY AND RELIGIOUS STUDIES
PHILOSOPHY AND RELIGIOUS STUDIES

Faculty 2002-2003

Professor
Houston A. Craighead, Chair

Professor Emeritus
William W. Daniel

Assistant Professors

Peter J. Judge
David Meeler

Bachelor of Arts in Philosophy and Religion

The study of Philosophy and Religion develops the skills of critical analysis at the most fundamental levels of human understanding. Students trained in philosophy and religion have pursued careers in teaching, ministry, law, medicine, management, publishing, sales, criminal justice and other fields.

Students may concentrate in either subject depending on career goals. Those planning graduate study in philosophy or seminary would select the appropriate concentration.

The major program requires a total of 28 semester hours, including a required program of 13 hours and selection of 15 hours from one of three tracks.

Required Program	Semester Hours
PHIL 201, 300; RELG 201, 300	12
PHIL 498 or RELG 498	1
Philosophy Track:	
PHIL 220 or 225, and 230 or 315	6
Either PHIL 303 or 310	3
Elect from other PHIL courses above 299 (excluding PHIL 320 and 340)	6
Religion Track:	
RELG 313, 314, 320	9
PHIL 390	3
Elect from other PHIL or RELG courses (excluding PHIL 320 and 340)	3
Combined Track:	
Elect from PHIL or RELG courses to include at least three hours above 299 from each (excluding PHIL 320 and 340)	15
Subtotal	28
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	12-15
Laboratory Science	3
Area II	6
Area III	9
Area IV	6
Area V	0-6
Subtotal	40-54
Electives	42-56
Total Semester Hours	124

Students completing the required program for the BA in degree in Philosophy and Religion must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.

COLLEGE OF ARTS AND SCIENCES-POLITICAL SCIENCE

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 28 semester hours of the required program. The student must complete a minimum of 12 semester hours of PHIL and/or RELG courses in residence at Winthrop University.

In addition to the 28 semester hours of the required programs, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and complete PLSC 201 or ECON 103 or HIST 211 and 212.

POLITICAL SCIENCE

Faculty 2002-2003

Professors
Stephen S. Smith
Melford A. Wilson, Jr.

Instructor
Todd Bradley

Associate Professors
Timothy S. Boylan
Karen Kedrowski, Chair
Christopher Van Aller

Lecturers
Maria G. D'Agostino
John Holder
Robert Jones
David Vehaun

Assistant Professors
Jennifer Leigh Disney
Scott Huffman
Michael Lipscomb

Bachelor of Arts in Political Science

The study of political science provides students with an understanding of politics, law, international relations, government and public administration. Recent graduates have gone to work for local, state and national organizations as well as the United Nations. A large percentage of our graduates go to graduate or law school.

Required Program	Semester Hours
PLSC 201	3
American Government: Select from PLSC 202, 305, 306, 307, 310, 311, 312, 313, 314, 315, 371 or 560	3
Comparative Government and International Relations: Select from PLSC 205, 207, 260, 335, 336, 337, 338, 345 504, 506, 508 or 532	3
Political Theory: Select from PLSC 351, 352, 355, 356, or 553	3
Public Administration: Select from PLSC 220, 320, 321, 325, or 525 PLSC electives	3 15
Subtotal	30
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	15
Laboratory Science	3
Area II	6
Area III	3

COLLEGE OF ARTS AND SCIENCES-POLITICAL SCIENCE

Area IV	12
Area V	0-6
Subtotal	43-54
Electives	40-51
Total Semester Hours	124

**Students completing the required program for the BA in Political Science must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 30 semester hours of the required program. The student must complete a minimum of 12 semester hours of PLSC courses in residence at Winthrop University.

In addition to the 30 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299.

Bachelor of Arts in Political Science

Certification as Secondary School Teacher for Social Studies

Students desiring Certification as teachers of social studies should consult with the social studies teacher certification adviser and the College of Education section of the catalog for specific requirements for admission to the Teacher Education Program.

Required Program	Semester Hours
ANTH 201; ECON 215, 216; GEOG 101, 103 or 104 or 306;	
HIST 101, 102, 211, 212; SOCL 101	30
PLSC 201	3
American Government:	
Select from PLSC 202, 305, 306, 307, 310, 311, 312, 313, 314, 315, 371 or 560	3
Comparative Government and International Relations:	
Select from PLSC 205, 207, 260, 335, 336, 337, 338, 345, 504, 506, 508 or 532	3
Political Theory :	
Select from PLSC 351, 352, 355, 356, or 553	3
Public Administration:	
Select from PLSC 220, 320, 321, 325, or 525	3
PLSC electives	15
Subtotal	60
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	15
Area II Laboratory science courses in biological and physical sciences. 6	
Select 3 hours from BIOL, CHEM, GEOL, PHSC, and PHYS.	3
Area IV Choose 2 courses from two subject areas from the following (6 hours total): ARTT 298 or ARTH 175, 176; DANT 298; MUST 298; THRT 298 or 310 or 311; (ARTT AND ARTH ARE CONSIDERED TO BE THE SAME AREA FOR THIS REQUIREMENT.)Also 3 hours of ENGL is required	9
Subtotal	37-42

COLLEGE OF ARTS AND SCIENCES-POLITICAL SCIENCE

Professional Education Sequence:

EDUC 110, 210, 250, 275, 310, 390, 475, 490	29**
SCST 391, 392	4
Subtotal	33

Total Semester Hours **130-135**

** Students completing the required program for the BA in Political Science must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I of the Winthrop University General Education Requirement.*

*** A grade of C or better is required in EDUC 110, 210, 250, 275, 310, and 390.*

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and a minimum of a 2.0 in the 60 semester hours of the required program. The student must complete a minimum of 12 semester hours of PLSC courses in residence at Winthrop University.

Within the 130-135 semester hours required for the BA degree, the student must include a minimum of 40 hours in courses numbered above 299.

**Bachelor of Arts in Political Science
Concentration in Public Policy and Administration**

Required Program	Semester Hours
PLSC 201, 202, 220, 321, 350, 473	18
PLSC 320 or 325 or 525	3
International and Comparative Politics:	
Select from PLSC 205, 207, 260, 335, 336, 338, 345, 504, 506, 508 or 532	3
Political Theory:	
Select from PLSC 351, 352, 355, 356, or 553	3
Political Science Electives	3
Subtotal	30
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
CSCI 101	3
Area I (include WRIT 101-102)	12
BIOL 106	3
Area II (Must include Laboratory Science)	6
ECON 216	3
Area IV	12
Area V	0-6
Subtotal	43-54
Electives	40-51
Total Semester Hours	124

**Students completing the required program for the BA in Political Science must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement*

COLLEGE OF ARTS AND SCIENCES-PRE-PROFESSIONAL: ENGINEERING

may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 30 semester hours of the required program. The student must complete a minimum of 12 semester hours of PLSC courses in residence at Winthrop University.

PRE-PROFESSIONAL PROGRAMS

Winthrop offers programs which prepare students for professional study in a variety of fields. Some of these are degree programs preliminary to advanced study in such disciplines as engineering, medicine, nursing, dentistry and law. A Winthrop faculty adviser will help students plan their studies to meet the requirements of several professional schools.

Pre-Engineering Dual-Degree Program

Advisor: Dr. Mesgun Sebhatu

In 2002, a formal agreement was signed with Clemson University establishing a dual-degree Pre-Engineering program. Admitted students will spend three years at Winthrop, followed by two years at Clemson. Upon completion of the curriculum, students will be awarded a math or science degree from Winthrop University and an engineering degree from Clemson University.

Engineering programs require students to complete fundamental courses in calculus, differential equations, chemistry, physics, computer science, and engineering science during their first several years of college. The Pre-Engineering program at Winthrop provides an opportunity to take these courses in a setting characterized by small classes, individual faculty attention, and access to modern instrumentation. A science or math degree also provides a solid academic foundation that is ideal preparation for professional development in engineering.

A new chemistry degree being added this year will provide interested students an early opportunity to participate in this dual-degree program. Chemistry is increasingly tied to engineering--particularly in the emerging fields of nanotechnology, biomedical engineering, ceramics, polymers, chemicals, environmental, materials, and biotechnology.

Engineering Degrees Available at Clemson University

Chemical Engineering	Ceramics and Materials Engineering
Electrical Engineering	Environmental Engineering
Civil Engineering	Mechanical Engineering
Biosystems Engineering	Textiles, Fiber and Polymer Science
Industrial Engineering	

Required Pre-Engineering Program

	Semester Hours
ACAD 101	0-1
WRIT 101-102	6
CHEM 105-107, 106-108	8
CHEM 301-304	0-8
MATH 201, 202, 300, 302, 305, QMTH 205	21
PHYS 211-211L, PHYS 212-212L	8
WRIT 566	3
SPCH 201	3
Social Science pair--2 courses in a single subject (ECON, HIST, PSYC, PLSC, or SOCL)	6

COLLEGE OF ARTS AND SCIENCES-PRE-PROFESSIONAL: ENG/MED/PHARM

Humanity or Social Science Electives	6
Engineering Problem Solving and Design (ENGR 120)	3
Introduction to Engineering (ENGR 101)	1

Engineering Courses Recommended to be Taken Before Transfer to Clemson:

(For course descriptions and information on summer sessions at Clemson, visit www.clemson.edu.)

Intended Curriculum	Clemson Course Number
Biological Engineering	EM 201, EM 202
Chemical Engineering	EM 201, ChE 211
Ceramic and Materials	CME 221, CME 225, CME 226
Civil Engineering	EM 201, CE 251
Electrical Engineering	ECE 201, ECE 202, CpSC 111
Industrial Engineering	EM 201, IE 201
Mechanical Engineering	EM 201, ME 202 or 203

Recommended Engineering Courses that can be Taken at Winthrop:	Semester Hours
CSCI 110, 207, 208	9
PHYS 315, 321, 331, 350	12

Pre-Medical

Advisory Committee: Dr. Dwight Dimaculangan, Dr. Julian Smith, Dr. James Johnston, Dr. Julia Baker, Dr. Ted Zainal, Dr. Christian Grattan, Dr. Chasta Parker, and Dr. Janice Chism

A student who wishes to prepare for application to medical school should acquire a broad foundation in the natural sciences, mathematics, humanities and the social sciences. Medical schools intentionally limit the absolute requirements for entry to encourage diversity among their applicants. Most medical schools require 6 semester hours each of English and Mathematics, and 8 semester hours each of biology, physics, general chemistry, and organic chemistry. Beyond these requirements, pre-medical students may select any major program they may wish to pursue. The most important requirements for admission to a medical school are at least a B+ average on all science courses taken and a good score on the Medical College Admission Test (MCAT), which is normally taken in the spring before the senior year.

Pre-Pharmacy

Advisors: Dr. Julia Baker, Dr. Christian Grattan, Dr. Chasta Parker, Dr. Ted Zainal, and Dr. Julian Smith

A student who wishes to prepare for application for Pharmacy school should acquire a solid foundation in the chemical and biological sciences. The specific requirements for admission to the Pharm.D. program at the Medical University of South Carolina include 8 hours of general chemistry, 8 hours of organic chemistry, 6 hours of physics, 6 hours of mathematics (at least 3 of which must be calculus), 3 hours of statistics, 8 hours of biology, 4 hours of microbiology, 9 hours of social sciences, 6 hours of English composition and literature and 3 hours of economics, psychology and interpersonal communication. The most important requirement is that students maintain a B+ average on all science courses.

COLLEGE OF ARTS AND SCIENCES-PRE-PROFESSIONAL: DENTAL/VET/NURS/LAW
Pre-Dental and Pre-Veterinary

Advisors: Dr. Julian Smith, Dr. Julia Baker, Dr. Christian Grattan, Dr. Chasta Parker, and Dr. Ted Zainal

A student who wishes to prepare for application to schools of dentistry or veterinary medicine should acquire a broad foundation in the natural sciences, mathematics, humanities and the social sciences. The specific requirements for admission to the College of Dental Medicine at the Medical University of South Carolina are 8 semester hours of each of the following: general chemistry, organic chemistry, physics, biology, and science electives. In addition, 6 semester hours of English composition and mathematics are required. Other dental schools have similar requirements. Students interested in dental medicine should seek advice about which science electives would be best. The Dental Admission Test (DAT) must be taken no later than the fall of the senior year. A B+ average in science courses and an acceptable score on the DAT are essential for dental school admission.

The requirements for entry into schools of veterinary medicine are more variable than those for schools of medicine and dentistry. A student pursuing a career in veterinary medicine should major in biology or chemistry and consult the pre-veterinary advisor.

Pre-Nursing

Advisor: Dr. James Johnston

Winthrop University offers students interested in nursing a 2 year curriculum which prepares them for study at a variety of nursing schools. A suggested program is listed below; however, students are responsible for contacting the institution they plan to attend to be certain specific requirements are satisfied.

Suggested Program	Semester Hours
ACAD 101	1
WRIT 101, 102	6
BIOL 203-204, 305, 306, 310	16
CHEM 105, 106, 107, 108	8
MATH 140, 141	6
PSYC 101, 306, 307	9
SOCL 201	3
Humanities	9
Electives	3
Subtotal	61

Typically, students in their first year of the Pre-Nursing program will complete ACAD 101, WRIT 101-102, CHEM 105, 106, 107, 108, MATH 140-141, BIOL 203- 204, and PSYC 101.

Other Pre-Professional Health Studies

Advisor: Dr. James Johnston

Students may prepare themselves for application to programs in other health-related professions, such as optometry and podiatry. Persons interested in these fields should consult the advisor for specific details.

Pre-Law

Advisor: Dr. Tim Boylan

The Association of American Law Schools and the Law School Admission Council do

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COLLEGE OF ARTS AND SCIENCES-PSYCHOLOGY

not prescribe a specific major or series of courses as preparation for law school. Although most pre-law students major in the social sciences or humanities, almost any discipline is suitable. More important than the major is the acquisition of thorough intellectual training, including a broad understanding of human institutions as well as analytical and communications skills.

Early in their undergraduate careers, students considering law school should meet with the pre-law adviser in the Political Science Department for assistance in planning a suitable course of pre-law study compatible with the student's major subject.

Other Programs

Some students enroll at Winthrop for two to three years and then transfer to institutions offering professional programs in such fields as forestry, hospital administration, laboratory technology, library science, occupational therapy, optometry, pharmacy, physical therapy, public health and radiological technology.

PSYCHOLOGY

Faculty 2002-2003

Professors

Roger R. Baumgarte
Melvin Goldstein, Chair
Heidar A. Modaresi
Joseph S. Prus

Associate Professors

Gary L. Alderman
Tim Daugherty
Kathy A. Lyon
Antigo D. Martin-Delaney
Donna Nelson

Assistant Professors

Cheryl Fortner-Wood
Linda B. LaPointe
Letha E. Maxton
Jane Rankin
Kwabena Sankofa
Steve Semands
Jeff Sinn

Instructor

Lois J. Veronen

Bachelor of Arts in Psychology

The psychology major is especially useful for students planning careers in teaching, personnel work, guidance and counseling, mental health, and rehabilitation. Additionally, many psychology graduates find employment in business and industry.

Students majoring in psychology take PSYC 101, 198 and MATH 101 or 140 in their freshman year, and PSYC 301-302, 306 or 307 in their sophomore year, and PSYC 498 in their senior year. Psychology majors must take PSYC 301-302 before enrolling in any other upper-division psychology courses.

Required Program	Semester Hours
PSYC 101, 198, 301 ⁿ , 302, 498	15
Developmental: PSYC 306 or 307	3
Fundamental Processes: PSYC 505 or 508 or 509	3
Complex Processes: PSYC 503 or 507 or 514	3
Applications: PSYC 506 or 510 or 516	3
PSYC Electives (courses numbered above 299)	9
Subtotal	36
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	15
Laboratory Science	3
	101

COLLEGE OF ARTS AND SCIENCES-SOCIAL WORK

Area II	6
Area III	3
Area IV	12
Area V	6
Subtotal	49-54
Electives	34-39
Total Semester Hours	124

"Students changing their majors from Biology to Psychology or Biology majors with Psychology minors, who have completed BIOL 300, with a grade of "C" or better, are not required to complete PSYC 302. Sociology majors with Psychology minors who have passed SOCL 316 with a grade of C or better are exempt from PSYC 301 as a requirement for the minor. Dual major in Psychology and Sociology should complete only one of the two required statistics courses (PSYC 301 or SOCL 316). Consult adviser for appropriate course.

**Students completing the required program for the BA in Psychology must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V within the General Education Requirements listed above.*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and in the 36 semester hours of the required program. The student must also attain a **grade of C or better** in each of the courses **PSYC 101, 301 and 302**. The student must complete a minimum of 12 semester hours of PSYC courses in residence at Winthrop University.

In addition to the 36 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212. **Not more than 36 semester hours in any one subject may apply to a Bachelor of Arts degree.**

No more than three hours of Cooperative Education Experience or Academic Internship can count toward the major.

SOCIAL WORK

Faculty 2002-2003

Professors

Ronald K. Green, Chair
W. Martin Hope

Assistant Professor

Ameda A. Manetta

Associate Professors

Paul Dezendorf
Susan B. Lyman
Wilhelmenia Rembert
Janice G. Wells

Lecturer

Neil R. Covington (Professor Emeritus)

Bachelor of Social Work

Students completing requirements for the BSW will be prepared for beginning generalist social work practice in a wide range of organizations such as child welfare agencies, hospitals, nursing homes, prisons, schools, and treatment centers for emotionally disturbed children and adults. The program provides undergraduate education and internship experience for working with individuals, small groups, including the family,

COLLEGE OF ARTS AND SCIENCES-SOCIAL WORK

organizations, and communities. National accreditation by the Council on Social Work Education (CSWE) allows graduates to become full members of the National Association of Social Workers (NASW) and to be eligible to become licensed social workers in states requiring licensing for employment.

Required Program	Semester Hours
ANTH 201	3
ECON 103	3
MATH 141 or SOCL 316 or QMTH 205	3-4
PLSC 201	3
PSYC 101	3
SCIE 301	3
SCWK 200/201, 305, 306, 321, 330, 395, 432, 433, 434, 443, 463	42
SCWK elective (not to include SCWK 202)	3
SOCL 201	3
Intensive Oral Communication Requirement	3
Subtotal	69-70
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Area I (Include WRIT 101-102 with a grade of C or better)	15
Laboratory Science	3
Area II	3
Area IV	9-12
Area V	3
Subtotal	33-37
Electives	17-22
Total Semester Hours	124

A student may apply for status as a social work major at any point. In applying for initial entry into the social work program and recognition as a social work major, the student agrees to abide by the NASW (National Association of Social Workers) Code of Ethics. From that point, continued recognition as a social work major requires that the student's behavior comports to the standards of ethical conduct as spelled out in the Code of Ethics.

Prior to starting the social work intervention sequence - SCWK 395, 432, 433 and 434 - students must formally apply for admittance to SCWK 395. This process includes students providing a description of how they have met the requirement for 80 hours of voluntary or paid experience in a human service organization, and a demonstration that they have at least an overall GPA of 2.20 and a 2.40 GPA in all social work courses.

After completing all general education requirements and social work major course requirements through SCWK 434, including passing courses SCWK 200 through SCWK 434 with a grade of C or better and maintaining an overall GPA of 2.20 and a GPA of 2.40 in social work courses, the student is eligible to apply to enroll in the two courses which make up the final semester of field education. For graduation the student must have maintained an overall GPA of 2.20, a GPA of 2.40 in all social work courses, and have passed all social work courses with a grade of C or better.

The student must complete a minimum of 12 semester hours of SCWK courses in residence at Winthrop University and have a minimum of 40 semester hours in courses numbered above 299. No more than three hours of Cooperative Education Experience can count toward the major.

Students enrolled in the Certificate Program in Gerontology may substitute 3 hours of the required SCWK 443 field placement in an agency serving older adults for GRNT 440.

COLLEGE OF ARTS AND SCIENCES-SOCIOLOGY
SOCIOLOGY

Faculty 2002-2003

Professors

Douglas L. Eckberg, Chair
 April A. Gordon
 Jonathan I. Marx
 C. Jack Tucker

Assistant Professor

Richard Chacon
 M. Kelly James

Associate Professors

Jennifer Solomon

Bachelor of Arts in Sociology

Recent graduates in sociology have secured positions in criminal justice, social work, city and urban planning, teaching, management, banking, sales, and marketing. Others have gone on to pursue advanced studies in sociology, social work, criminal justice, urban planning, law, and business administration.

Required Program	Semester Hours
SOCL 101 or 201, and 316*, 498, 502, 516	15
Eighteen additional hours of SOCL, other than SOCL 450, 463	18
Subtotal	33
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8**
Area I (include WRIT 101-102)	15
Laboratory Science	3
Area II	6
Area III	3
Area IV	12
Area V	0-3
Subtotal	43-51
Electives	40-48
Total Semester Hours	124

**Students with double majors in Psychology and Sociology or with minors in Psychology may substitute PSYC 301 for SOCL 316 provided they complete an additional course in Sociology. Consult advisers for appropriate courses.*

***Students completing the required program for the BA in Sociology must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Requirements.*

To be admitted into the program as a major, the student must complete SOCL 101 or 201 with the grade of C or higher. Transfer students having completed the equivalent of SOCL 101 or 201 at another institution must pass a proficiency examination prior to admission into the program.

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 33 semester hours of the required program. The student must complete a minimum of 12 semester hours of SOCL courses in residence

COLLEGE OF ARTS AND SCIENCES-SOCIOLOGY

at Winthrop University.

In addition to the 33 semester hours of the required program, the student must select and complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212. Although not specifically required, students are strongly encouraged to take related courses in ANTH, ECON, HIST, MATH, PLSC and PSYC.

No more than three hours of Cooperative Education Experience can count toward the major.

**Bachelor of Arts in Sociology
Concentration in Criminology**

Required Program	Semester Hours
SOCL 101 or 201; 227, 316*, 325, 335, 337, 498, 502, and 516	27
Six additional hours of SOCL other than 450 and 463	6
Six hours selected from PLSC 310, 312 and SCWK 313	6
Subtotal	39
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8**
Area I	15
Laboratory Science	3-4
Area II	6
Area III	3
Area IV	12
Area V	0-6
Subtotal	43-55
Electives	30-42
Total Semester Hours	124

**Students with double majors in Psychology and Sociology or with minors in Psychology may substitute PSYC 301 for SOCL 316 provided they complete an additional course in Sociology. Consult advisers for appropriate courses.*

***Students completing the required program for the BA in Sociology with the criminology concentration must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Requirements.*

Students in the criminology option must attain a cumulative grade point average of 2.00 or better in courses taken at Winthrop and included in the 39 semester hours of the required program. The student must complete a minimum of 12 semester hours in the required program in residence at Winthrop University.

In addition to the 39 semester hours in the required program, the student must select and complete a minor, attaining no less than a 2.00 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212. Although not specifically required, students are strongly encouraged to take related courses in ANTH, ECON, HIST, MATH, PLSC and PSYC.

No more than three semester hours of Cooperative Education Experience can count towards the major.

COLLEGE OF ARTS AND SCIENCES-SPEECH
SPEECH

Faculty 2002-2003

Professor
Louis J. Rosso, Chair

Lecturers
Christa Kea
Jackie Niedringhaus

Associate Professor
Anne E. Beard

Instructor
Cynthia Stiles

Bachelor of Arts in General Communication Disorders

The Bachelor of Arts in General Communication Disorders provides pre-professional preparation in speech pathology. Students will receive instruction in the identification, diagnostic process, and therapeutic intervention of communication disorders including articulation, language, hearing, voice, and fluency. The program is designed to prepare students for graduate work leading to state and national certification and state licensure as a speech clinician.

Required Program	Semester Hours
SPCH 203, 351, 352, 355, 360, 410, 425, 458, 460, 465, and 469	33
SPCH Electives	3
Subtotal	36
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	4-8*
Area I (include WRIT 101-102)	15
Laboratory Science	3
Area II	6
Area III	9
Area IV	12
Area V	6
Subtotal	55-60
Electives	28-33
Total Semester Hours	124

**Students completing the required program for the BA degree in Speech must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency examination or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours may be applied to Area I and a maximum of 3 semester hours may be applied to Area V of the Winthrop University General Education Requirements .*

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 36 semester hours of the required program. The student must complete a minimum of 12 semester hours of SPCH courses in residence at Winthrop University.

Majors must attain a GPA of 2.5 or better in SPCH 351, 352, and 355. Majors must attain a GPA of 2.0 or better in SPCH 360, 410, 425, 458, 460, 465 and 469. Students are encouraged to repeat courses resulting in a grade of less than C in the above course sequence.

In addition to the 36 semester hours of the required program, the student must select and

COLLEGE OF ARTS AND SCIENCES-SPEECH

complete a minor, attaining no less than a 2.0 GPA in the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212.

No more than three hours of Cooperative Education Experience can count toward the major.

The College of Business Administration

Roger D. Weikle, Dean

Martha C. Spears, Associate Dean

Undergraduate Degree Programs and Requirements.

Three undergraduate programs are offered by the College of Business Administration: the Bachelor of Science in Business Administration, the Bachelor of Science in Computer Science, and the Bachelor of Arts in Economics. The baccalaureate degree program in business administration is accredited by AACSB International--The Association to Advance Collegiate Schools of Business and the baccalaureate degree in Computer Science is accredited by the Computing Accreditation Commission of ABET (111 Market Place, Suite 1050, Baltimore, MD 21202-4012; telephone: 410-347-7700).

Our mission is to provide a quality education to a diverse community of learners through continuous improvement and dedication to excellence in teaching and learning, as well as intellectual contributions and service.

In support of this mission, the College:

1. Provides nationally accredited Business Administration (AACSB) and Computer Science (CAC/ABET) programs that are strongly student oriented.
2. Provides undergraduate business administration, computer science, and economics degree programs that are excellent in quality, contemporary in design, and relevant to dynamic business practices.
3. Provides quality graduate programs that serve the changing needs of businesses and the community.
4. Provides effective teaching that promotes lifelong learning and career development.
5. Provides an environment that promotes faculty/student communication.
6. Fosters an understanding and appreciation of cultural similarities and differences.
7. Conducts and disseminates scholarship in business and computer science.
8. Serves the community and businesses through programs and partnerships that enhance the intellectual and economic quality of the region.

Eleven areas of concentration, called options, are available within the Bachelor of Science in Business Administration degree program. These options are accounting, computer information systems, economics, entrepreneurship, finance, general business, health services management, human resources management, international business, marketing and management. Two of these options, accounting and general business, can be earned through our evening program. The accounting option offers an integrated undergraduate/graduate curriculum that allows for optimum efficiency in continuing into the graduate program with an accounting emphasis.

The Business degree program prepares undergraduates for careers in the business world by offering an academically challenging program that produces a new kind of leader for business, industry, government, the arts, and health services. This new leader leaves the program with the skills needed to function as a professional in the complex organizations of the 21st century. The requirements for the Bachelor of Science in Business Administration integrate the business core. The foundation for the program is a four-course sequence emphasizing a cross functional approach to business issues and perspectives. These courses, BADM 180, ACCT 280, MKTG 380 and MGMT 480 are augmented by liberal arts studies

COLLEGE OF BUSINESS ADMINISTRATION

taught across diverse disciplines, fundamental business courses, and more advanced courses in the business option. Along with an integrated curriculum, the faculty and business leaders have developed a comprehensive list of competencies that students must attain before graduation from this program. The competency categories for the business degree are communication, teamwork/diversity, adaptability, problem solving and accountability and ethics. The computer science degree categories are technical, social, environment and interpersonal development. Most business courses also emphasize team projects in addition to individual assignments. Co-op and internship experiences are integrated into some options and encouraged in others.

The College of Business Administration is dedicated to offering quality classroom instruction and to enhancing personal development through interaction between faculty and students. A faculty open-door policy facilitates this approach. Quality classroom instruction is provided by a faculty who meet the high standards of scholarship required for AACSB and CAC (ABET) accreditation.

A number of scholarships are awarded annually to College of Business Administration students. Eligibility is determined on the basis of outstanding academic performance.

For those students working toward a degree outside of the College of Business Administration, minors in the areas of accounting, business administration, computer science, economics, entrepreneurship, finance, health services management and human resource management are offered. For specific requirements for individual minors, see the section on Minors.

Through programs of continuing education, seminars, and conferences, the College of Business Administration maintains active involvement with the business community. These outreach efforts are strengthened by the efforts of the specialized centers housed in the College of Business Administration. These centers and a brief description of their functions follows:

The Institute of Management is a center within the College of Business Administration through which the school coordinates its public service to the region. The primary goal of the Institute is to provide continuing education to meet the needs of managers and professionals in industry, business, and government.

The Small Business Development Center provides assistance to owners and managers of small businesses as well as prospective business owners. The Center utilizes students and faculty to provide free counseling to clients. The Center contains a library of literature and information for the use of small business owners. Workshops and seminars are sponsored on topics related to managing a small business.

The Center of Economic Education works closely with the South Carolina Council on Economic Education toward the goal of implementing programs of economic education in the elementary, middle, and secondary schools of South Carolina. In its mission the Center conducts pre-service and in-service teacher programs as well as conferences, symposiums, and forums for the exchange of ideas among educators and others interested in the American economy.

The Center for Economic Development serves as a source of significant public service in the economics and policy analysis to complement and support governmental nonprofit organizations engaged in the economic, education, and cultural affairs of South Carolina and the Rock Hill-Charlotte-Metrolina region. The Center provides opportunity for faculty and students to engage in applied research and deliver technical assistance to new and existing businesses.

COLLEGE OF BUSINESS ADMINISTRATION

Academic Advising

Academic advising is an integral part of the learning process in the College of Business Administration. The role of the academic adviser is to assist in making appropriate decisions about academic programs and career goals, provide academic information about Winthrop University and degree programs, and suggest appropriate involvement in on-campus, off-campus and experiential opportunities. Freshmen are assigned a faculty adviser during summer orientation and keep the same adviser during the freshman year. Not only will the advisers help with program selections and scheduling, but will also be available to assist with the adjustment to university life throughout the first year. At the end of the freshman year, an option in the College of Business will be chosen and an adviser will be assigned from that area. Students who transfer after their freshman year are assigned an adviser in the academic option of their choice.

Transfer evaluations are completed by the Student Services Center. The subject matter and the level of the course are considered for evaluation. Upper-level courses in the core and option, which have been completed prior to achieving junior status, may be used to meet elective requirements, but must be replaced in the core or option by approved advanced courses (if not transferred from an AACSB accredited institution). Upper-level business and computer science courses may not transfer from two-year institutions. In addition to the requirement that the final 31 hours be completed at Winthrop, only 50% of the business core and option may transfer toward a business administration degree. CSCI majors must complete 20 hours of CSCI courses numbered above 299 and an additional 9 which may be taken at Winthrop University or any schools with programs in Computer Science accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET).

The College of Business Administration's Director of Student Services is:

Gay Randolph
Office of Student Services
226 Thurmond Building
(803) 323-4833
FAX (803) 323-3960
RANDOLPHG@WINTHROP.EDU

Faculty 2002-2003

Professors

David Bradbard
Robert H. Breakfield
Jack E. Bresenham
Clarence Coleman
James F. Crook
Harry Katzan
C. Angela Letourneau, Chair
Accounting, Finance & Economics
Richard L. Morris
D. Keith Robbins, Chair
Management & Marketing
Marilyn Smith
Gary L. Stone
Edna C. Ward
Roger D. Weikle, Dean

Associate Professors

Charles E. Alvis
Ravinder K. Bhardwaj
Qidong Cao
Michael Cornick
Meyer Drucker
Frederick H. Duncan
Michael D. Evans
Kent E. Foster, Chair
Computer Science & Quantitative Methods
Steven Frankforter
Barbara K Fuller
William W. Grigsby
David E. Letourneau
Louis J. Pantuosco
Emma Jane Riddle
John E. Robbins
William Seyfried
Robin Snyder
Martha C. Spears, Associate Dean

Robert Stonebraker
William I. Thacker
Jane B. Thomas
Han X. Vo

COLLEGE OF BUSINESS ADMINISTRATION-ACCOUNTING

Faculty 2002-2003, continued

Assistant Professors

Nathaniel A. Barber
 Keith Benson
 Surya Ciryam
 Chlotia Garrison
 Peggy W. Hager
 James Hammond
 Kelly Hewett
 Vanessa Hill
 Brien Lewis
 Scott Lyman
 Anne Olsen
 S. Gay Randolph
 Nell Walker

Lecturers

Terri Archie
 Harry Alston
 Robert Cooper
 Dorinda Christian
 Virginia Dewey
 Dianne Hockett
 Barry Johnson
 Ivan Lowe
 Jim Marascio
 Glenn Savage
 Jeff Usher

Bachelor of Science in Business Administration

Those students applying for the Bachelor of Science degree in Business Administration must present a grade of C or better in each course in the core curriculum and in the option which is chosen. This requirement is in addition to the requirement of a 2.00 grade-point average on the 124 hours required for the degree.

Students enrolled in the Bachelor of Science in Business Administration program or enrolled in business classes may not enroll in courses numbered above 299 unless they have at least a 2.00 grade-point average, completed 54 hours, and a grade of C or better in WRIT 102. Transfer students who need to take WRIT 102 and who meet the other requirements will be permitted to take courses above 299 in these areas during their first semester at Winthrop. If, during the first semester, such students do not earn a grade of C or better in WRIT 102, they will not be permitted to take additional courses above 299 in these areas until the writing requirement is met.

Within the 124 hours required for this degree, the student must include 48 hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212. The total hours of courses presented for this degree must include at least 62 hours from courses outside the area of business administration and economics.

**Bachelor of Science in Business Administration -
 Accounting Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA IX electives)		
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201 , PHSC, PHYS, SCIE (6 hours maximum in one designator)		9

COLLEGE OF BUSINESS ADMINISTRATION-ACCOUNTING

Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, 3 hrs. from PHIL 230 or 320 and 3 hrs. from: AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, ENGL (excluding 302, 303, 510) HIST, MUSA, MUST, PHIL, RELG, THRA, THRT (At least 3 subject designators must be represented.)		12
Area V		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Rpts	3
Subtotal		66-67
Area VII Business Core		27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior year.</i>		
<i>MGMT 480 must be taken in the Senior year.</i>		
Area VIII Accounting Option		21
ACCT 303	Accounting Information Systems	3
ACCT 305	Intermediate Accounting I	3
ACCT 306	Intermediate Accounting II	3
ACCT 309	Budgeting & Executive Control	3
ACCT 401	Intro to Tax	3
Two of:		
ACCT 502	Corporate Tax	3
ACCT 505	Advanced Accounting	3
ACCT 506	Not for Profit Accounting	3
ACCT 509	Auditing Principles & Procedures	3
ACCT 510	Advanced Cost	3
ACCT 491	Accounting Internship	3
Area IX		9-10
At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.		
Remaining may be business electives.		

COLLEGE OF BUSINESS ADMINISTRATION-COMPUTER INFORMATION SYSTEMS
Bachelor of Science in Business Administration-
Computer Information Systems Option

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA IX electives)		
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. from: AAMS 300, ARTH, ARTS, ARTI, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, NUTR 201, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		6
Area VI		
QMTM 205	Applied Statistics I	3
QMTM 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII Business Core		27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Area VIII Computer Info System		27
CSCI 207 & 208	Intro to Computer Sci I & II	8
CSCI 291 or 391 or 392		1
CSCI 325	File Structures	3
CSCI 555	Database Processing	3
CSCI 475	Software Engineering I	3
CSCI 476	Software Engineering II	3
MATH 261	Found of Discrete Mathematics	3
One of:		
ACCT 303	Accounting Information Systems	
ACCT 309	Cost Accounting I	
CSCI above 299		3

COLLEGE OF BUSINESS ADMINISTRATION-BS IN ECONOMICS

Area IX **3-4**
 Choose from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN
 CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300,
 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL,
 PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.

Bachelor of Science in Business Administration - Economics Option

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA IX electives.)	0-1
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110 or both 105 and 151	Intro to Comp & Infor Process	3
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. from: AAMS 300, ARTS, ARTH, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		
		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII Business Core		
		27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organizations	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Area VIII Economics Option		
		18
ECON 315	Microeconomic Theory	3
ECON 316	Macroeconomic Theory	3
ECON 335	Money and Banking	3
Three of:		
ECON 345	Labor Economics	3
ECON 331	Public Finance	3

COLLEGE OF BUSINESS ADMINISTRATION-ENTREPRENEURSHIP

ECON 415	Managerial Economics	3
ECON 521	International Trade and Investment	3
Area IX		12-13

At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.
Remaining may be business electives.

**Bachelor of Science in Business Administration -
Entrepreneurship Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA IX electives.)	0-1
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII Business Core		
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Area VIII	Entrepreneurship	18

COLLEGE OF BUSINESS ADMINISTRATION-FINANCE

MKTG 381	Consumer Behavior	3
BADM 371	Intro to Entrepreneurship	3
BADM 372	Entrepreneurial Finance and Venture Capital	3
BADM 491	Internship in Entrepreneurship	3
BADM 525	Entrepreneurial Strategy	3
MKTG 382	Retailing	3

Area IX 12-13 Hours

At least 8 hrs from: AAMS 300, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT. Remaining may be business electives.

**Bachelor of Science in Business Administration
Finance Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA IX electives.)	0-1
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		
		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII Business Core		
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		

COLLEGE OF BUSINESS ADMINISTRATION-GENERAL BUSINESS

MGMT 480 must be taken in the Senior Year.

Area VIII	Finance Option	18
FINC 312	Intermediate Corporate Financial Management	3
FINC 498	Adv Corp Financial Mgmt	3
FINC 514	Intern'l Financial Management	3
6 hours from:		
FINC 491	Internship in Finance	3
FINC 512	Financial Invest Management	3
FINC 513	Banking and Financial Service Management	3
3 hours from:		
ACCT 305	Intermediate Accounting	3
ECON 335	Money and Banking	3
Area IX		12-13
At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.		
Remaining may be business electives.		

**Bachelor of Science in Business Administration-
General Business Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA IX electives.)		
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp or Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII		
Business Core		27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3

COLLEGE OF BUSINESS ADMINISTRATION-HEALTH SERVICES MANAGEMENT

MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3

MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.
MGMT 480 must be taken in the Senior Year.

Area VIII General Business Option 18

Choose 6 hours numbered above 299 and 12 hours numbered above 399 from advanced courses in ACCT, BADM, CSCI, ECON, FINC, HLISM, MGMT, MKTG. A maximum of 9 hours may be taken from a single designator. Co-op and internship course credit must not exceed 3 hours.

Area IX 12-13

At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATIN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.
 Remaining may be business electives.

**Bachelor of Science in Business Administration-
 Health Services Management Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
<i>(Transfers will substitute 1 hr. of AREA IX electives.)</i>		
Area I		
WRIT 101-102	Composition 6	
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII Business Core 27		
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3

COLLEGE OF BUSINESS ADMINISTRATION-HUMAN RESOURCES MANAGEMENT

MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3

MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.

MGMT 480 must be taken in the Senior Year.

Area VIII Health Services Management Option 21

HLSM 200	Intro to Health Services Mgmt	3
HLSM 300	Health Services Management	3
HLSM 302	Health Planning & Marketing	3
HLSM 303	Legal Environ of Hlth Organ	3
HLSM 491	Health Services Internship	3
HLSM 492	Econ & Health Care Finance	3
HLSM 493	Seminar in Health Services Management	3

Required internship to be taken summer between Jr & Sr year.

Area IX 9-10

At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.

Remaining may be business electives.

**Bachelor of Science in Business Administration -
Human Resources Management Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA IX electives.)	0-1
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		
		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67

COLLEGE OF BUSINESS ADMINISTRATION-INTERNATIONAL BUSINESS

Area VII	Business Core	27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Human Resources Management Option		18
MGMT 325	Organizational Theory and Behavior	3
MGMT 422	Human Resources Management	3
MGMT 425	Training and Development	3
MGMT 523	Collective Bargaining and Labor Relations	3
MGMT 524	Employment Law	3
MGMT 526	Compensation and Benefits Analysis	3
Area IX		9-10
At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.		
Remaining may be business electives.		

**Bachelor of Science in Business Administration -
International Business Option**

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA IX electives.)		
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		
9		
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented)		
12		
Area V (Must have 6 hours of language.)		
6		
Area VI		
QMTH 205 & 206	Applied Statistics I & II	6
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3

COLLEGE OF BUSINESS ADMINISTRATION-MANAGEMENT		
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII	Business Core	27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Area VIII	International Business Option	18
ECON 521	International Trade & Investment	3
FINC 514	International Financial Management	3
MGMT 529	International Management	3
MKTG 581	Marketing for Global Competitiveness	3
One of:		
BADM 492	Internship in International Business	3
BADM 400	International Field Experience	
Choose 3 hours from ANTH 301, 321, 323, 325, 351; FREN 301, 390; GEOG 505; GERM 300, 301; INAS 425; MCOM 302; PLSC 335, 336, 345, 532, 535; SPAN 301, 302		
Area IX		12-13
At least 8 hrs from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.		
Remaining may be business electives.		

Bachelor of Science in Business Administration - Management Option

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
<i>(Transfers will substitute 1 hr. of AREA IX electives.)</i>		
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL, (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG		
<i>(At least 3 subject designators must be represented.)</i>		12

COLLEGE OF BUSINESS ADMINISTRATION-MARKETING		
Area V		6
Area VI		
QMTH 205 & 206	Applied Statistics I & II	6
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		66-67
Area VII	Business Core	27
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Area VIII	Management Option	18
MGMT 325	Organ Theory & Behavior	3
MGMT 422	Human Resources Mgmt	3
MGMT 428	Management Seminar	3
Three of:		
BADM 371	Introduction to Entrepreneurship	3
BADM 372	Entrepreneurial Fin & Venture Capital	3
HLSM 300	Health Services Management	3
MGMT 529	International Management	3
MGMT 491	Internship in Management	3
MGMT 523	Collect Bargain & Labor Relations	3
MGMT 524	Employment Law	3
MGMT 526	Comp and Benefits Analysis	3
Area IX		12-13
At least 8 hrs. from: AAMS, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.		
Remaining may be business electives.		

Bachelor of Science in Business Administration - Marketing Option

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA IX electives.)		
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		
		9
Area III		
ECON 215	Prin of Microeconomics	3

COLLEGE OF BUSINESS ADMINISTRATION-COMPUTER SCIENCE

ECON 216	Prin of Macroeconomics	3
PSYC 101	General Psychology	3
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. in AAMS 300, ARTH, ARTS, ARTT, CLAS, DANA, DANT, THRA, THRT, ENGL (excluding 302, 303, 510), HIST, MUSA, MUST, PHIL, RELG (At least 3 subject designators must be represented.)		12
Area V		
		6
Area VI		
QMTH 205	Applied Statistics I	3
QMTH 206	Applied Statistics II	3
ACCT 280	Accounting Information for Business Decisions I	3
ACCT 281	Accounting Information for Business Decisions II	3
WRIT 465	Prep of Oral & Written Repts	3
Area VII Business Core		
BADM 180	Contemporary Business Issues	3
FINC 311	Principles of Finance	3
MGMT 321	Principles of Management	3
MGMT 326	Operations Management	3
MKTG 380	Principles of Marketing	3
MGMT 341	Information Systems	3
MGMT 355	Business Communications	3
MGMT 480	Business Policy	3
ECON 350	Econ & Legal Envir of Organ	3
<i>MGMT 321, MKTG 380, FINC 311 must be taken in the Junior Year.</i>		
<i>MGMT 480 must be taken in the Senior Year.</i>		
Area VIII Marketing Option		18
MKTG 381	Consumer Behavior	3
MKTG 482	Marketing Research	3
MKTG 489	Marketing Strategy	3
Three of:		
MKTG 382	Retailing	3
MKTG 383	Prof Sales & Marketing	3
MKTG 481	Promotion Management	3
MKTG 491	Internship in Marketing	3
MKTG 581	Marketing for Global Compet	3
MKTG 582	Sales Management	3
Area IX		12-13
At least 8 hrs. from: AAMS 300, ANTH, ARTH, ARTS, ARTT, BIOL, CHEM, CHIN, CLAS, DANA, DANT, ENGL, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, ITAL, LATN, MATH, MCOM, MUSA, MUST, NUTR 201, PHIL, PHED, PHYS, PLSC, PSYC, RELG, SOCL, SPAN, SPCH, THRA, THRT, WRIT.		
Remaining may be business electives.		

Bachelor of Science in Computer Science

The Bachelor of Science in Computer Science is accredited by the Computing Accreditation Commission of ABET (111 Market Place, Suite 1050, Baltimore, MD 21202-4012; telephone: 410-347-7700).

The goal of the Bachelor of Science in Computer Science is to prepare students for careers in software design and implementation and for graduate study in Computer Science. The students in this program are provided with a background that allows them to progress toward supervisory roles on major software design projects.

The goal is implemented by a curriculum that carefully blends theory and applications. After completing a two semester introductory sequence in computer science, the

COLLEGE OF BUSINESS ADMINISTRATION-COMPUTER SCIENCE

student takes a series of courses that provide a strong background in the basic mathematical tools of calculus, logic, discrete mathematics, and probability and statistics and that provide a good background in the natural and social sciences and the humanities.

A high school student entering Winthrop University in the Bachelor of Science degree program in Computer Science who earned a grade of 4 or 5 on the Advanced Placement Test in Computer Science will receive four hours of credit for CSCI 207.

Students enrolled in the Bachelor of Science in Computer Science may not enroll in CSCI courses numbered above 299 unless they have at least a 2.00 grade-point average, completed 54 hours, and a grade of C or better in WRIT 102. Transfer students who need to take WRIT 102 and who meet the other requirements will be permitted to take courses above 299 in these areas during their first semester at Winthrop. If, during that first semester, such students do not earn a grade of C or better in WRIT 102, they will not be permitted to take additional courses above 299 in these areas until this writing requirement is satisfied.

Within the 124 hours required for this degree, the student must include at least 40 hours in courses numbered above 299, 20 of which must be in CSCI courses numbered above 299 completed at Winthrop University, and an additional 9 which may be taken at Winthrop University or any schools with programs in Computer Science accredited by the Computer Accrediting Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET). Also, the program must include PLSC 201 or ECON 103 or HIST 211 and 212.

A student applying for the Bachelor of Science degree in Computer Science must present a cumulative grade-point average of 2.00 or better on all Computer Science courses taken at Winthrop and required for the degree program in order to be awarded the degree. This requirement is in addition to the University requirement of a 2.0 grade point average on the 124 hours required for the degree.

Bachelor of Science in Computer Science

General Education Courses	Semester Hours
ACAD 101 Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA IX electives.)	0-1
Area I	
WRIT 101-102 Composition	6
MATH 261 Foundations of Discrete Math	3
CSCI 207 & 208 Intro to Comp Sci I & II	8
Area II	
PHYS 211 & 212 or CHEM 105/107 & 106/108	8
Choose from the current undergraduate catalog as follows: BIOL or CHEM courses that are required or elective courses in the B.S. degree programs in biology or chemistry, GEOL courses in the geology minor, or PHYS courses in the applied physics minor.	4
Area III	
QMTH 205 Applied Statistics I	3
Choose 6 hours from ANTH (except ANTH 202), ECON, GEOG, PLSC, PSYC, QMTH 206 or SOCL (At least 2 subject designators must be represented.)	6
Area IV	
Choose 3 hrs. in ENGL (except ENGL 302, 303, 505, 510 & 530), 3 hrs. in HIST, 3 hrs. in PHIL (220 or 225), and 3 hrs. from AAMS, ARTH, ARTS, ARTT, CLAS, DANA, DANT, ENGL, HIST MUST, PHIL, RELG, THRA, OR THRT (At least 3 subject designators must be represented.)	12
Area V	
Choose 6 hrs. from ANTH 201, 203, 301, 321, 323, 351; ARTH 175, 176;	

COLLEGE OF BUSINESS ADMINISTRATION-BA IN ECONOMICS

CHIN; ENGL 205, 206, 207; FREN; GEOG 101, 103, 104, 306; GERM; HIST 101, 102, 331, 332, 337, 343, 344, 351; INAS 328, 425; JAPN; MCOM 302; MUST 305, 306; PHIL 300, 303; PLSC 205, 207, 260; RELG 300; SOCL 301, 319 or SPAN	6
Area VI	
MATH 201 & 202 Calculus I & II	6
MATH 300, or 305, or 355, or 535, or 541	3
WRIT 465 Prep of Oral & Written Repts	3
Either a mathematics course (greater than MATH 299 or QMTH 206) or a science course. (Choose from the undergraduate catalog as follows: BIOL or CHEM courses that are either required or elective courses in the B.S. degree programs in biology, chemistry, GEOL courses in the geology minor, or PHYS courses in the applied physics minor.)	
Subtotal	71-72
Area VII Computer Science Courses	
CSCI 211 Intro to Assembly Language & Computer Arch	3
CSCI 271 Algorithm Analysis & Data Structures	3
CSCI 311 Computer Architecture & Organization	3
CSCI 327 Social Implications of Computing	2
CSCI 371 Theoretical Foundations	3
CSCI 411 Operating Systems	3
CSCI 431 Organization of Programming Language	3
CSCI 475 Software Engineering I	3
Area VIII	
CSCI courses numbered above 299 (excluding CSCI 340 A, B, C, 514)	12
Choose two from: CSCI 291, 292, 293, 297, 391, 392 or 398	2
Area IX - Second Discipline	
Choose one of the following or a minor (other than CSCI): <i>Information Systems:</i> ACCT 280-281, 303 or 309; MGMT 321, and one of FINC 311; MKTG 380 (ACCT 282 is a prerequisite for ACCT 303.) <i>Physics and Mathematics:</i> PHYS 301, and one of PHYS 315, 321, or 350; MATH 301, 302, and 305	
Electives	1-2

Bachelor of Arts in Economics

Economics provides students with an analytical training that is a valuable asset in any career. Many graduates enter the workforce directly and find employment in such diverse areas as banking and finance, management, government service, labor relations, policy research, sports management, consulting, journalism, and marketing. Other students use economics as a foundation for graduate programs in law, business, economics, and policy studies.

Minors are required for all students with a B.A. in Economics. Students must maintain a minimum GPA of 2.0 overall for courses taken at Winthrop as well as for courses counting toward their major and minor programs, and also must complete at least 40 semester hours of courses numbered above 299. Junior standing (54 semester hours) and a C or better in WRIT 102 are prerequisites for taking upper division courses in economics.

COLLEGE OF BUSINESS ADMINISTRATION-BA IN ECONOMICS

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA IX electives.)	0-1
Area I		
WRIT 101-102	Composition	6
MATH 101	Precalculus Mathematics I	3
MATH 105	Calculus for Manag & Life Scien	3
CSCI 101 or 110	Intro to Comp & Infor Process	3
or both 105 and 151		
Area II		
Choose from: ANTH 202, BIOL, CHEM, GEOL, NUTR 201, PHSC, PHYS, SCIE (6 hours maximum in one designator)		9
Area III		
Choose from: ANTH (except 202), ECON 103, GEOG, MCOM 101, PLSC PSYC, SOCL (6 hours maximum in one designator)		9
Area IV		
Choose at least 3 hrs. in ENGL, 3 hrs. in HIST, and 6 hrs. from: AAMS, ARTH, ARTS, ARTT, CLAS, DANA, DANT, ENGL (excluding 302, 303, 350, 510), HIST, MUSA, MUST, PHIL, RELG, THRA, THRT (At least 3 subject designators must be represented)		12
Area V		
Choose 6 hours from: CHIN; FREN; GERM; JAPN; SPAN or ANTH 201, 203, 301, 321, 323, 351; ARTH 175, 176; ENGL 205, 206, 207; GEOG 101, 103, 104, 306; HIST 101, 102, 331, 332, 337, 343, 344, 351; INAS 328, 425; MCOM 302; MUST 305, 306; PHIL 300, 303; PLSC 205, 207, 260; RELG 300; SOCL 301, 319		6
Area VI		
QMTM 205 & 206	Applied Statistics I & II	6
WRIT 465	Prep of Oral & Written Repts	3
Subtotal		60-61
Area VII Economics Courses		
ECON 215	Prin of Microeconomics	3
ECON 216	Prin of Macroeconomics	3
ECON 315	Microeconomic Analysis	3
ECON 316	Macroeconomic Analysis	3
Choose from: ECON 331, 335, 343, 345, 415, 491, 521, 580 (Students can take 491 or 580, but not both)		15
3 hours from the following: PLSC 220, 320, 321, or GEOG 302		3
Area VIII	Minor	12-24
Area IX	Electives	10-22
Total		124

The Richard W. Riley College of Education

Patricia L. Graham, Dean

Caroline Everington, Associate Dean

Mark Dewalt, Director of Graduate Studies

Cindy Johnson-Taylor, Director of Student Academic Services

Mission Statement

The Richard W. Riley College of Education is dedicated to the highest ideals of teaching, scholarship, and service. The College meets this mission through the preparation of professionals who are committed to the betterment of society through a lifelong quest for excellence in learning, leadership, stewardship, and the communication of ideas.

Undergraduate Degree Programs

- Bachelor of Science in Early Childhood Education
Certification: PK- 3rd grade
- Bachelor of Science in Elementary Education
Certification: Grades 2 - 6
- Bachelor of Science in Family and Consumer Sciences
Specializations: Business/Media, Early Intervention, Youth Issues
- Bachelor of Science in Physical Education
Certification: Grades K - 12
Non-Certification: Athletic Training, Fitness/Wellness
- Bachelor of Science in Special Education
Mild Disabilities
Severe Disabilities
Certification: Grades K - 12
- Bachelor of Science in Sport Management
with the College of Business Administration

Additionally, the Richard W. Riley College of Education works cooperatively with the College of Visual and Performing Arts and the College of Arts and Sciences to offer a number of approved teacher education programs in the following areas:

Art, Grades K - 12
Dance, Grades K-12
English, Grades 9 - 12
Modern Languages, Grades K - 12
French
Spanish
Mathematics, Grades 9 - 12
Music, Grades K - 12
Science, Grades 9 - 12
Biology
Social Studies, Grades 9 - 12
History
Political Science
Theatre, Grades K - 12

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Graduate Degree Programs

The Richard W. Riley College of Education offers a number of graduate degrees to provide leadership and personnel for schools and human service programs. These graduate degrees include:

- Master of Education in Counseling and Development
- Master of Education in Educational Leadership
- Master of Education in Curriculum and Instruction
- Master of Education in Reading
- Master of Arts in Teaching
- Master of Education in Middle Level Education
- Master of Education in Special Education
- Master of Science in Physical Education

More information concerning the graduate programs can be obtained by writing:

Graduate Director
Richard W. Riley College of Education 106 Withers/WTS
Winthrop University
Rock Hill, South Carolina 29733

Academic and Administrative Departments

The Richard W. Riley College of Education is comprised of the following academic departments:

- Center for Pedagogy
Dr. Jonatha W. Vare, Director
- Department of Counseling and Leadership
Dr. Carole de Casal, Chair
- Department of Curriculum and Instruction
Dr. Sue Peck, Chair
- Department of Health and Physical Education
Dr. Steveda Chepko, Chair
- Macfeat Early Childhood Laboratory School
Ms. Betty Conner, Director

Accreditations

The Richard W. Riley College of Education is proud of its accreditations and affiliations. The Teacher Education Program at Winthrop University is accredited by the National Council for Accreditation of Teacher Education (NCATE) for the preparation of early childhood, elementary, special education, and secondary teachers through the Bachelor's degree. At the graduate level, the Master of Science, the Master of Education, and the Master of Arts in Teaching degrees are nationally accredited by NCATE. The School and Community Counseling program is accredited by The Council for Accreditation of Counseling and Related Education Programs (CACREP). All teacher education programs are approved by the South Carolina State Board of Education. Recognition by these agencies affords students who complete teacher preparation at Winthrop University the opportunity to apply for reciprocal accreditations with a majority of states in the nation.

Instructional Facilities and Special Programs

Professional Development Schools

The Richard W. Riley College of Education has formal relationships with six Professional Development Schools:

- Brooklyn Springs Elementary School, Lancaster, SC
- Cotton Belt Elementary School, York SC

RICHARD W. RILEY COLLEGE OF EDUCATION

- Crowders Creek Complex, Clover, SC
- Great Falls High School Great Falls, SC
- Riverview Elementary School, Fort Mill, SC
- Sullivan Middle School, Rock Hill, SC

These Professional Development Schools allow the teacher education program to experiment with new models of teaching while developing new roles and responsibilities for classroom teachers. Teacher education candidates work with diverse groups of students while guided by teams of teachers and university faculty. Collegiality is valued and fostered within an atmosphere where teachers, students, and professors work and learn together.

Macfeat Early Childhood Laboratory School

The Macfeat Early Childhood Laboratory School functions as a research laboratory where innovative approaches in early childhood education are investigated. Macfeat provides opportunities to observe and interact with a diverse group of children ages 3 to 5 years.

Winthrop Olde English Consortium

The Winthrop Olde English Consortium (WOEC), a partnership among member school districts, York Technical College and Winthrop University, sponsors activities to enhance public education for over 60,000 students and 4,000 teachers and administrators in the region. In 2001-2002, member school districts included Chester, Clover, Fort Mill, Lancaster, Rock Hill, Fairfield, and York. Activities include professional development, curriculum development, Academic Challenge, and student events on campus.

North Central Science and Mathematics HUB

The North Central Math and Science HUB is funded by the South Carolina General Assembly and the National Science Foundation to facilitate systemic change in science and math education in nine surrounding school districts. Working with master teachers in science and math, professional development opportunities are provided for the teachers and administrators in the 115 schools and four institutions of higher education located within the HUB.

Instructional Technology Center

The primary function of the Instructional Technology Center is to enhance the knowledge and use of educational technology by Winthrop's faculty and students. The Center is open to students, faculty, and the local public schools as a resource for educational technology needs, curriculum development, and preparation of instructional materials. Selected instructional materials, hardware, and software are available for student use.

South Carolina Teaching Fellows Program

The Teaching Fellows Program for South Carolina is funded by the SC General Assembly in an effort to recruit the finest high school graduates to the teaching profession. The Winthrop University Teaching Fellows Program, *New Bridges*, is an innovative program designed to offer students an intensive, coordinated service learning experience in working collaboratively with local community, business, and school leaders to provide services to Latino children/families and others whose first language is not English. The program began in fall 2002 and admits 25 students a year.

The Center for Educator Teacher Recruitment, Retention, and Advancement (CERRA)

Formerly known as the South Carolina Center for Teacher Recruitment, the Center for Educator Recruitment, Retention, and Advancement (CERRA) is an ambitious effort by the General Assembly, the state's public and private colleges and universities, education-related agencies, businesses, and the state public school system to recruit and retain a new generation of academically able classroom teachers. The Center works with over 150 high schools in South Carolina in support of the Teacher Cadet program. In addition, the Center provides a statewide job placement service, coordinates the state's Teaching Fellows Program and National Board Certification Efforts, and houses the most current information available on

RICHARD W. RILEY COLLEGE OF EDUCATION

teacher supply and demand.

Student Academic Services

Student Academic Services has primary responsibility for coordination of academic advising, placement of practicum students for public school experiences, assignment of all field placements and internships, and all matters pertaining to certification. The office serves as an information center for matters concerning degree programs in the Riley College of Education, procedures for admission to teacher education, scholarships, and academic requirements and regulations of the University.

The Teacher Education Committee

The faculty at Winthrop University recognize that the preparation of teachers is a university-wide responsibility. Hence, the various programs for teacher preparation represent a cooperative effort by all academic areas involved in teacher education. This effort is overseen by the Teacher Education Committee (TEC). The TEC is comprised of faculty, students, practitioners, parents, and administrative staff charged with the responsibility of guiding, monitoring and reviewing all aspects of the Teacher Education Program at Winthrop University.

Corps of Mentor Teachers

Accomplished public school teachers are invited to join the Corps of Mentor Teachers, a program for educators who mentor Winthrop teacher candidates. Acceptance into the Corps is based on an application, principal, and district support and the completion of EDUC 655, Teacher Leadership: Conversations From The Field. This course is co-taught by Winthrop faculty and P-12 teachers and guides participants to explore their understanding of such issues as creating democratic learning communities, the value of professional collaboration, teacher leadership, educational renewal, the role of the mentors, and the scholarship of teaching.

Academic Advising

Academic advising is an integral part of the learning process at Winthrop University. Faculty in the Richard W. Riley College of Education regard academic advising as a major responsibility which enhances teaching and campus life. All students in the College of Education are assigned a faculty adviser. Faculty advisers work with students to review academic goals and how course work and field assignments assist them in attaining their personal and professional goals. Students have a responsibility to schedule regular appointments with the faculty adviser. Students can make the most of advising by reading this *Catalog* and coming prepared for discussion of academic goals, responsibilities, and requirements.

Additionally, the College provides a full-time academic adviser to assist freshmen and transfer students. After an initial meeting with the academic adviser, a faculty adviser from the student's chosen discipline of study will be assigned. The Richard W. Riley College of Education's academic adviser is:

Ms. Rebecca Malambri
Student Academic Services
144 Withers/WTS
(803) 323-4750

Prior to course registration, students are required to have approval and signature of the faculty adviser. Students may change advisers through a formal request to the appropriate department chair or the Director of Student Academic Services.

Professional Education Core

All teacher education students are required to complete a planned sequence of courses and field experiences designed to prepare them for their roles in schools and society. The

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Professional Education Core is designed around the conceptual framework, **Teacher as Educational Leader**. The curriculum is organized with concepts, themes, stages of development, and numerous competencies to best prepare contemporary educators. The following organizing conceptual statements outline the emphases of the core.

1. *The educational leader strives to improve the human condition through reflective study of human development, learning, and diversity.*
2. *The educational leader possesses an understanding of the historical foundations of schooling and exhibits ethical behavior consistent with the laws and policies governing American education .*
3. *The educational leader employs appropriate curricular decisions to provide effective instruction.*
4. *The educational leader is a skilled teacher able to design, deliver, evaluate, and refine instruction.*
5. *The educational leader serves as an example of a reflective teacher, scholar, communicator, and advocate serving the interests of students and society.*

Students' progress under each of the organizing concepts is assessed at the conclusion of each of the conceptual framework's three stages of development: exploratory, preprofessional, and professional. These assessments include admission to the Teacher Education Program, approval to enter the professional or internship stage, and entry into the profession.

The professional Core ensures that teacher education students can integrate general content, professional, and pedagogical knowledge to create meaningful learning experiences for all students. This integrative focus of teacher education sets Winthrop University and its graduates apart from other programs.

By having faculty who hold diverse disciplinary perspectives teach throughout the sequence of courses, the Core encourages students to develop a professionally responsible understanding of the diversity that defines learners and teachers. Within the Core, students engage in supervised practice applying their developing knowledge and skills. All Core courses are housed within the Center for Pedagogy.

The Professional Education Core consists of:

EDUC 110	Teachers, Schools & Society	3
EDUC 210	Nature & Nurturing of Learners I	3
EDUC 250	Nature & Nurturing of Learners II	3
EDUC 275	Integ Tech To Support Teaching & Learning	2
EDUC 310	Working With Excep& Diverse Learners	3
EDUC 390	Core Issues in Teacher Education	3
AREA 391	Principles of Teaching (Content)	3
AREA 392	Field Experience in Teaching (Content)	1
EDUC 475	Internship in Reflective Practice	10
EDUC 490	Capstone for Educational Leaders	2
Total Credits		33

Suggested sequence

EDUC 110	Freshman year
EDUC 210	Sophomore year - Fall
EDUC 250	Sophomore year - Spring
EDUC 275	Sophomore year
EDUC 310	Junior year
EDUC 390	Senior year - Fall only
Area 391	Senior year - Fall only
Area 392	Senior year - Fall only
EDUC 475	Senior - Spring
EDUC 490	Senior year - Spring

NOTE: *The College of Education faculty are continuously reviewing and revising curricula*

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to meet the needs of contemporary schools. Students applying to Winthrop should be alert to curricular changes as they occur and how those changes impact their programs.

Admission to the Teacher Education Program

The Teacher Education Program at Winthrop University may be completed by students enrolled in the Richard W. Riley College of Education, the College of Arts and Sciences, and the College of Visual and Performing Arts. All students seeking to complete the Teacher Education Program must meet all admission requirements and be formally admitted before they are allowed to enroll in courses restricted to admitted students.

Admission to the Teacher Education Program serves as the first level of assessment under the conceptual framework, **Teacher as Educational Leader**. Admission is granted by the Dean of the Richard W. Riley College of Education who notifies each student upon acceptance into the program. All students seeking admission must meet the following requirements:

1. Attend an information session on admission to Teacher Education during the semester of enrollment in EDUC 110 or during the semester the first education course is taken at Winthrop.
2. Complete a minimum of 45 semester hours, fifteen of which must be completed at Winthrop University.
3. Achievem a minimum cumulative grade point average of 2.75 for coursework completed at Winthrop.
4. Complete the following core courses with a grade of “C” or better in each course: EDUC 110, 210 and 275.
5. Pass all sections (Reading, Writing and Mathematics) of PRAXIS I.
6. Submit an Application for Admission to Teacher Education to Student Academic Services that includes:
 - a) a disclosure statement concerning criminal/unethical conduct including any judicial or disciplinary action taken while enrolled at Winthrop University or another institution of higher education,
 - b) evidence of 25 hours of recent, successful, supervised experience working with the age-level student for which certification is sought,
 - c) an admission essay that documents the student’s growth toward becoming an educational leader in a democracy. Students are required to provide examples of how their experiences in general education, core courses, major courses, field experiences, cultural events, service learning, and using technology have prepared them to be well-educated teacher candidates who are committed to and capable of working with diverse and challenging students,
 - d) one to three original pieces of the student’s best work from courses taken at Winthrop University that support the admission application.
7. Receive a favorable recommendation from the following:
 - the Director of Student Academic Services
 - an admission committee comprised of faculty from the major and the Center for Pedagogy, and
 - the Dean of Education

Continuation in the Teacher Education Program

Candidates admitted to the Teacher Education Program are required to maintain a minimum overall grade point average of 2.75 and must be in good standing within the University community.

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Requirements for Entry into the Professional Stage

All teacher education candidates seeking to complete the Professional (Internship) stage of the Teacher Education Program must meet all requirements before being allowed to enroll in EDUC 475 - Internship in Reflective Practice and EDUC 490 - Capstone for Educational Leaders. Approval to enter the Professional Stage serves as the second level of assessment under the conceptual framework, Teacher as Educational Leader. Approval is granted by the Director of Student Academic Services after candidates have met all the following requirements:

1. Completion of a minimum of 110 semester hours.
2. Minimum cumulative GPA of 2.75 for coursework completed at Winthrop.
3. Completion of the following core courses with a grade of "C" or better in each course: EDUC 310 and 390.
4. Grade of "C" or better in courses designated by the candidate's program area.
5. Completion of all required courses as specified by faculty in the major.
6. Competency review indicating satisfactory completion of (a) required Work Samples in designated program area methods courses and Core education classes and (b) satisfactory Field Experience Midterm and Final Evaluations.
7. Completed disclosure statement regarding criminal or unethical conduct.
8. Signed recommendations from:
 - Faculty Adviser
 - Department Chair in the candidate's major and/or Program Area designee
 - Director of the Center for Pedagogy

Program Completion from the Teacher Education Program

To exit the program, teacher education candidates must meet all degree requirements as well as the following requirements:

1. Successful completion of a minimum of 124 semester hours with a minimum GPA of 2.75.
2. Passage of EDUC 475, Internship in Reflective Practice, and EDUC 490, Capstone for Educational Leaders.
3. Completion of the Praxis II tests in the candidate's area of specialty and the Principles of Teaching and Learning Test.
4. Successful completion of a competency review by the program area committee in which the following documents are reviewed: Internship Midterm and Final Evaluations, Scored Rubrics for the Unit Work Sample and the Digital Portfolio, and Teacher Education Professional Dispositions and Skills Form(s).
5. Signed recommendation by the following members of the program area committee: program area designee, department chair in the major, EDUC 490 faculty member, and the university internship supervisor.

Appeals

Any student wishing to appeal an admission decision, a program requirement, an internship placement issue, or a certification recommendation issue must make such an appeal in accordance with the policies and procedures established by the Teacher Education Committee (TEC). Students must obtain a "Petition For Exception" form from Student Academic Services. Petitions must be completed with accurate information and include supporting documentation such as a transcript, current course schedule, letters of support, and other appropriate documentation. Students are strongly urged to develop their petitions with the direct assistance of their faculty advisers. All petitions must be signed by the student, the student's adviser, and the department chair of the student's major area. The completed petition is submitted to Student Academic Services. The Petitions Committee, a subcommittee of the TEC, reviews the appeal from the student,

RICHARD W. RILEY COLLEGE OF EDUCATION

makes a recommendation to the TEC which in turn makes a recommendation to the Dean of the Richard W. Riley College of Education. Students are then notified in writing of the dean's decision within thirty working days.

In special circumstances and when recommended by the department chair, the dean may grant a one-time waiver of a restriction in order for a student to continue coursework in a timely manner.

Professional courses restricted to students admitted to the Teacher Education Program

No teacher education candidate will be allowed to register for the following courses without formal admission to the Teacher Education Program.

Area 392	Field Experience in Teaching Content Area
ARTE 391	Principles of Teaching Art
ARTE 547	Art for Classroom Teachers
ARTE 548	Curriculum Development in Art Education
ARTE 549	Foundations of Art Education
ARTE 550	Principles of Teaching Art
DANT 391	Principles of Teaching Dance
ECED 333	Creative Activities for Young Children
ECED 432	Teaching Math in Early Childhood Education
ECED 433	Teaching Science in Early Childhood Education
ECED 391	Prin of Teaching Early Childhood Education
EDUC 310	Working With Exceptional & Diverse Learners
EDUC 390	Core Issues in Teacher Education
EDUC 475	Internship in Reflective Practice
EDUC 490	Capstone for Educational Leaders
ELEM 341	Teaching Social Studies in Elementary School
ELEM 391	Principles of Teaching Elementary Education
ELEM 431	Teaching Science in Elementary School
ELEM 436	Teaching Math in Elementary School
ENGL 391	Principles of Teaching English
HLTH 303	Health Education
MAED 391	Principles of Teaching Mathematics
MAED 548	Secondary Math Curriculum & Pedagogy Issues
MLAN 391	Principles of Teaching Modern Language
MUST 315	Music for the Classroom Teacher
MUST 548	Principles of Teaching Music in Elementary Schools
MUST 549	Principles of Teaching Music in Secondary Schools
MUST 590	Principles of Teaching Music: Elementary
MUST 591	Principles of Teaching Music: Secondary
PHED 348	PE Curr & Method for Young Child Grades K-3
PHED 349	PE Curr & Meth for Inter or Middle School
PHED 369	Instructional Lab
PHED 391	Prin of Teaching PE, Curr & Meth, Grades 8-12
PHED 394	Field Experience
READ 461	Intro to Teaching Reading in the Elementary School
READ 510	Literature for Children
READ 541	Reading in the Secondary School
READ 561	Teaching Basic Reading Skills
READ 562	Teach Basic Reading Skills in Mid & Secondary Schools
READ 571	Diagnostic & Prescriptive Teach of Reading
SCIE 391	Principles of Teaching Science
SCST 391	Principles of Teaching Social Studies
SPED 391	Assessment

RICHARD W. RILEY COLLEGE OF EDUCATION

SPED 555	Career & Voc Ed for the Exceptional Learner
SPED 561	Chara of Child with Learning Disabilities
SPED 562	Educ Proc for Learning Disabilities
SPED 575	Teaching Students with Severe Disabilities
SPED 582	Mental Retardation
SPED 583	Children with Behav & Emotional Problems
SPED 585	Effective Teaching: Mild Disabilities
THRT 391	Principles of Teaching Theatre

Teacher Certification Additional Requirement

Within General Education Areas III, IV, and V, teacher education candidates must select one course from Global Perspectives and one course from Multicultural Perspectives. See page 57 for the current approved list.

PRAXIS II Series

The PRAXIS II Series examinations in Principles of Learning and Teaching (PLT) and the specialty area are a graduation requirement of all candidates in the teacher education program. (Testing information is available from Student Academic Services, 144 Withers.)

For current Title II information on the performance of Winthrop's teacher education majors and minors on the PRAXIS II series examinations, please refer to the Richard W. Riley College of Education web page: <http://coe.winthrop.edu/title2>.

Faculty 2002-2003

Professors

Carol S. Anfin
Charles J. Bowers
Steveda Chepko
Carole V. de Casal
Caroline Everington
Patricia L. Graham
Betty Lou Land
Donald C. Lueder
Steven K. Million
Terry L. Norton
Johnny Sanders, Jr.
Peggy P. Whiting

Associate Professors

Mark Dewalt
E. Ray Dockery
Rebecca Evers
Susan Green
Richard C. Ingram
Bessie A. Moody-Lawrence
Sue Peck
Everett Stallings
Linda Schoonmaker
Jonatha W. Vare
Sandra Wilson

Assistant Professors

Barbara Blackburn
Rachel Collopy
Wendy Dover
Christine Ferguson
Cynthia Furr
C. P. Gause
Shelley Hamill
Mel Horton
Cindy Johnson-Taylor
Marshall G. Jones
Christine Maxwell
Alice J. McLaine
Carol McNulty
Sue Spencer
David Vawter
Bradley Witzel
Pamela Young

Instructors

Lisa Harris
Danella Kasparek
Rebecca O. Malambri
Suzanne Okey
Beth Peters
Anita Sanders
Mary F. Watson

Teacher in Residence

Elaine Young

RICHARD W. RILEY COLLEGE OF EDUCATION-EARLY CHILDHOOD
Bachelor of Science in Early Childhood Education

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
(Transfers will substitute 1 hr. of AREA VI elective)		
Area I		
WRIT 101 & 102	Composition	6
MATH 140	Introductory College Mathematics	3
MATH 291	Mathematics for Elementary Teachers	3
MATH 292	Geometry for Elementary Teachers	3
Area II		
(Students will be required to complete no less than 9 hours of science and must complete a lab science course in each of three areas: life science, earth science, and physical science.)		
Area III		
SOCL 201 or ANTH 201	Prin of Soc or Cult Anth	3
PLSC 201 or ECON 103	American Govt or Intro to Pol Econ	3
GEOG 101	Human Geography	3
Area IV		
ENGL 205 or 206 or 207	World Literature	3
HIST 211 or 212 or 308	U.S. History or Amer Ethnic History	3
ARTT 298 or THRT 298	Art Appreciation or Theatre Appreciation	3
ARTE 547	Art for Classroom Teachers	3
Area V		
	International Understanding	6
Area VI		
MUST 298	Music Appreciation	3
MUST 315	Music for the Classroom Teacher	3
Subtotal		58
Professional Education Sequence (67 Hours)		
EDUC 110	Teachers, Schools & Society	3
EDUC 210	Nature & Nurturing of Learners I	3
EDUC 250	Nature & Nurturing of Learners II	3
EDUC 275	Integrating Technology to Support Teaching & Learning	2
EDUC 310	Working With Except & Div Learners	3
EDUC 390	Core Issues in Teacher Education	3
ECED 391*	Teaching Social Studies in Early Childhood Edu	3
ECED 392*	Field Experiences in Teaching Early Childhood	1
EDUC 475	Internship in Reflective Practice	10
EDUC 490	Capstone for Educational Leaders	2
ECED 109*	Mgmt. and Supervision of Child Care Centers	2
ECED 332*	Intro to Early Child Education	3
ECED 333*	Creative Activities for Young Children	3
ECED 432*	Teach Mathematics in Early Childhood Ed	3
ECED 433*	Teach Science in Early Childhood Ed	3
EDCI 331*	Community Connections for Families	3
EDCI 336*	Young Children: Insuring Success	3
HLTH 303	Health Education	3
READ 321	Elem & Middle School Language Arts	3
READ 322	Elem & Middle Sch Lang Arts Lab	1
READ 461	Intro to Teach Reading in the Elem School	3
READ 510	Literature for Children	3
PHED 261	Move Act for Teach of Children ages 3-8	1
Total		125

RICHARD W. RILEY COLLEGE OF EDUCATION-ELEMENTARY

**A grade of C or better must be earned.*

PRAXIS II is required prior to graduation: 1) Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) test.

Bachelor of Science in Elementary Education

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA VI elective)		
Area I		
WRIT 101, 102	Composition	6
MATH 140	Introductory College Mathematics	3
MATH 291*	Mathematics for Elementary Teachers	3
MATH 292*	Geometry for Elementary Teachers	3
Area II		
BIOL 150 & 151*	Biology	4
GEOG 250 & 251*	Earth & Space Systems	4
PHYS 250 & 251*	Matter & Energy	4
Area III		
SOCL 201* or ANTH 201*	Prin of Soc or Cult Anth	3
PLSC 201* or ECON 103*	American Govt or Intro to Pol Econ	3
GEOG 101*	Human Geography	3
Area IV		
HIST 211 or 212 or 308	U.S. History or Amer Ethnic History	3
MUST 315	Music for the Classroom Teacher	3
ENGL	Literature	3
ARTE 547	Art for Classroom Teachers	3
Area V		
International Understanding		6
Area VI		
(Specialization courses must fit in this area)		9
Subtotal		64
Professional Education Sequence (61 Hours)		
EDUC 110*	Teachers, Schools & Society	3
EDUC 210*	Nature & Nurturing of Learners I	3
EDUC 250*	Nature & Nurturing of Learners II	3
EDUC 275*	Integ Tech to Support Teaching & Learning	2
EDUC 310*	Working With Except & Div Learners	3
EDUC 390*	Core Issues in Teacher Education	3
EDUC 475	Internship in Reflective Practice	10
EDUC 490	Capstone for Educational Leaders	2
PHED 370	Hlth, Movement, Fitness for Classrm Teacher	3
READ 321*	Elem & Middle School Language Arts	3
READ 322*	Elem & Middle Sch Lang Arts Lab	1
READ 461*	Intro to Teach Reading in the Elem School	3
READ 510	Literature for Children	3
READ 571*	Diagnostic & Prescriptive Teach of Read	3
ELEM 293	Lab Experiences in Public School	3
ELEM 341*	Teach Social Studies in the Elem School	3
ELEM 391	Prin of Teaching Elem School: Grades K-6	3
ELEM 392	Fld Exper in Teaching Elem Ed: Grades K-6	1
ELEM 431*	Teach Science in Elem School	3
ELEM 436*	Teaching Math in the Elem School	3
Total		125

RICHARD W. RILEY COLLEGE OF EDUCATION-PHYSICAL EDUCATION

Specialization must include one additional course in math, science and social studies. (Consult with advisor before choosing courses.) At least HALF of all cultural events attended must be in the areas of theater and dance. **PRAXIS II is required prior to graduation: 1) Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) test.**

*A grade of C or better must be earned.

Bachelor of Science in Physical Education

The Core, The Sub Cores and the Cognates Areas

Physical Education Core (26-28 hours)		Semester Hours
BIOL 306	Anatomy and Physiology	4
HLTH 300	Personal & Comm Health	3
PSYC 101	Intro to Psychology	3
PHED 101	Intro to Physical Education	3
PHED 242	Motor Learning & Control	3
PHED 361/224	First Aid, CPR/Lifeguard	1-2
PHED 381	Principles & Phil of Human Movement	3
PHED 382	Kinesiology	3
PHED 384	Exercise Physiology	3
	Passage of swimming proficiency test or a swimming class	0-1
Teacher Certification Sub Core (64 hours)		
EDUC 110	Teachers, Schools, & Society	3
EDUC 210	Nature & Nurturing of Learners I	3
EDUC 250	Nature & Nurturing of Learners II	3
EDUC 275	Integrating Tech to Support Teach & Learn	2
EDUC 310	Working with Except & Div Learners	3
EDUC 390	Core Issues in Teacher Ed	3
EDUC 475	Internship in Reflective Practice	10
EDUC 490	Capstone for Ed Leaders	2
HLTH 234	Strat for Teaching Hlth K-12 Educator	3
PHED 112	Movement Concepts	1
PHED 150	Skill Themes, Concepts, Nat'l Standards	2
PHED 202	Concepts of Fitness & Exercise	3
PHED 242	Motor Learning & Control	3
PHED 290	Assessment in Phys Ed	2
PHED 348	Phys Ed Curr & Method for K-3	3
PHED 349	Phys Ed Curr & Method for Middle Schl	2
PHED 350	Phys Ed & Recrea for Indiv with Devel Disabil	3
PHED 369	Instructional Lab	1
PHED 391	Prin of Teach P E, Curr, & Meth for Grades 9-12	3
PHED 394	Field Exper in Teaching Phys Ed	1
	Activity Credits	7
Athletic Training Sub Core (51 hours)		
BIOL 305	Anatomy and Physiology	4
PHED 111	Orientation to Ath Training	1
PHED 211	Clinical Exper in Ath Training I	1
PHED 212/212L	Found of Ath Training & Lab	3
PHED 311	Clinical Exper in Ath Training	1
PHED 338/338L	Assess of Ath Inj and Illnesses: Lower Extrem	3

RICHARD W. RILEY COLLEGE OF EDUCATION-PHYSICAL EDUCATION

PHED 339/339L	Assess of Ath Inj and Illnesses: Upper Extrem	3
PHED 363	Medical Aspects of Sport and Related Injuries	3
PHED 465	Strength Training & Conditioning	1
PHED 480	Exercise Testing & Prescription	3
PHED 496B	Administrative Aspects of Ath Training	3
PHED 497	Clinical Exper in Ath Training III	1
PHED 498	Clinical Exper in Ath Training IV	1
PHED 499	Clinical Exper in Ath Training V	1
PHED 500	Clinical Exper in Ath Training VI	1
PHED 548	Psychology of Sport & Phys Activity	3
PHED 563/563L	Therapeutic Modalities for Athletic Training	3
PHED 564/564L	Assess of Ath Inj & Illnesses: Head, Trunk, & Spine	3
PHED 565/565L	Therapeutic Exer and Rehab for Ath Training	3
NUTR 221	Food & Nutrition	3
NUTR 520	Sports Nutrition	3
HLTH 501	Substance Abuse Ed	3

Fitness/Wellness Sub Core (40)

PHED 264	Fitness/Wellness Careers Lab	1
PHED 362	Prevention & Care of Ath Injuries	3
PHED 303	Teaching Aerobic Activity	1
PHED 350	Phys Ed & Recrea for Indiv with Devel Disabil	3
PHED 395	Fitness/Wellness Program Application	1
PHED 471	Organ, Admin & Eval of Phys & Fitness Ed	3
PHED 495A	Internship: Fitness Wellness	8
PHED 496A	Capstone for Fitness Wellness Leaders	2
PHED 548	Psychology of Sport & Phys Activity	3
Activity Credits		4
BIOL 305	Anatomy and Physiology	4
DANA 244	Survey of Recreational Dance Forms	1
NUTR 221	Food & Nutrition	3
SPCH 201	Public Speaking	3

Fitness/Wellness Cognate - 15 Hours (Must complete one.)

Lifetime Fitness

PHED 267		1
PHED 465		1
PHED 476		3
PHED 480		3
HLTH 501 or 507		3
GRNT 300 or GRNT 301/SCIE 301 or GRNT 504/SOCL 504		3
PHED 204, 205, 206, 207 224, 225, 226, 266 or 282		1

Outdoor Leadership

BIOL 303		4
PHED 379		3
PHED 307		2
PHED 482		3
Select 3 hours from: PHED 204, 206, 222, 224, 225, 226 or 282		3

RICHARD W. RILEY COLLEGE OF EDUCATION-PHYSICAL EDUCATION
Bachelor of Science in Physical Education-
Teacher Certification

General Education Courses(59 hours)	Semester Hours
ACAD 101 Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA VI elective)	0-1
Area I	
WRIT 101 & 102 Composition	6
MATH 101 or 140 Pre College Math or Intro College Math	3
Additional Hours	6
Area II	
BIOL 306 Fund of Human Anat & Physiology (4 credits)	9
CHEM, GEOL, PHSC, PHYS, SCIE 201 B or D (1-3 credits)	
Area III	
PSYC 101 General Psychology	3
Additional courses	6
Area IV	
ENGL (except 302, 303, 350, or 510)	3
HIST	3
ARTT 298, or ARTH 175 or 176; DANT 298; MUST 298; PHIL 330; THRT 298 or 310 or 311 (Select from 2 different subject areas.)	6
Area V International Understanding	6
Area VI HLTH 300 and PHED 101, DANA 244	7
Complete PE Core Requirements listed on page 138	26-28
Complete Professional Education Sequence listed on page 138	64
Total	132-136

PRAXIS II is required prior to graduation: 1) Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

* Students electing Life Guard Training (2 hrs) may use the extra hour as an activity hour.

A competency test is administered in swimming. The result of this test determines the number of activity courses a student in the major must take.

RICHARD W. RILEY COLLEGE OF EDUCATION-PHYSICAL EDUCATION
Bachelor of Science in Physical Education-
Fitness/Wellness

General Education Courses (59 Hours)	Semester Hours
ACAD 101 Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA VI elective)	0-1
Area I	
WRIT 101 & 102 Composition	6
MATH 101 or 140 Pre College Math or Intro to College Math	3
Additional Hours	6
Area II	
BIOL 305 & 306 Fund of Human Anat & Physiology (8 credits)	9
CHEM, GEOL, PHSC, PHYS, SCIE 201 B or D (1-3 credits)	
Area III	
PSYC 101 General Psychology	3
SOCL 201 Principles of Sociology	3
PLSC 201 American Government	3
or ECON 103 Introduction to Political Economy	
Area IV	
ENGL (except 302, 303, 350, & 510)	3
HIST	3
ARTT 298, or ARTH 175 or 176, DANT 298, MUST 298, PHIL 330, THRT 298 or 310 or 311 (Select from 2 different subject areas.)	
Area V International Understanding	6
Area VI HLTH 300, PHED 101, and DANA 244	7-8
Complete PE Core Requirements listed on page 138	26-28
Complete Professional Education Sequence listed on page 139	40
Total	124-127

A competency test is administered in swimming. The result of this test determines the number of activity courses a student in the major must take.

RICHARD W. RILEY COLLEGE OF EDUCATION-PHYSICAL EDUCATION
Bachelor of Science in Physical Education-
Athletic Training

General Education Courses (59 hours)	Semester Hours
ACAD 101 Principles of the Learning Academy (Transfers will substitute 1 hour of AREA VI elective.)	0-1
Area I	
WRIT 101 & 102 Composition	6
MATH 101 OR 140 Pre College Math or Intro to College Math	3
Additional Hours	6
Area II	
BIOL 305 & 306 Fund of Human Anatomy & Physiology (8 credits)	9
CHEM, PHYS(1-3 credits)	3
Area III	
PSYC 101 General Psychology	3
SOCL 506 Sport Sociology	3
PLSC 201 or ECON 103	3
Area IV	
ENGL (except 302, 303, 350, & 510)	3
HIST	3
ARTT 298, or ARTH 175 OR 176, DANT 298, MUST 298, PHIL 330, THRT 298 OR 310 OR 311	6
Select from two different subject areas.	
Area V International Understanding	6
Area VI HLTH 300 and PHED 101	6
Complete PE Core Requirements listed on page 138	26-28
Complete Professional Education Sequence listed on pages 138-139	51
Total	124-127

RICHARD W. RILEY COLLEGE OF EDUCATION-SPECIAL EDUCATION
Bachelor of Science in Special Education

Those students fulfilling requirements for the Bachelor of Science degree in special education must select either severe disabilities (EMD, TMD) or mild disabilities (Generic Special Education).

<i>Severe Disabilities(EMD, TMD)</i>		
General Education Courses (59 Hours)		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA VI elective)		
Area I		
WRIT 101 & 102	Composition	6
MATH 140	Intro College Math	3
MATH 291	Mathematics for Elementary Teachers	3
MATH 292	Geometry for Elementary Teachers	3
Area II		
Students will be required to take no less than 9 semester hours of science.		9
(At least two science designators must be represented.) Three (3) semester hours must be BIOL and there must be at least one laboratory science course.		
Area III		
PSYC 101	General Psychology	3
PLSC 201 or ECON 103	Amer Govt or Intro to Pol Econ	3
ANTH, ECON, GEOG, PLSC, PSYC or SOCL		3
Area IV		
English elective		3
History elective		3
ARTT 298 or ARTH 175 or ARTH 176; DANT 298;		
MUST 298; PHIL 330; THRT 298 or 310 or 311		6
(Two subject areas must be represented. ARTT and ARTH are considered to be the same subject area for this requirement.)		
Area V		6
International Understanding		
Area VI		
MUST 315	Music for the Classroom Teacher	3
Electives		4-5
Professional Education Sequence (69 Hours)		
EDUC 110	Teachers, Schools & Society	3
EDUC 210	Nature & Nurturing of Learners I	3
EDUC 250	Nature & Nurturing of Learners II	3
EDUC 275	Integrating Technology to Support Teaching & Learning	2
EDUC 310	Working With Except & Div Learners	3
EDUC 390	Core Issues in Teacher Education	3
EDUC 475	Internship in Reflective Practice	10
EDUC 490	Capstone for Educational Leaders	2
SPED 281	Introduction to Special Education	3
SPED 292	Lab Experience with Except Children	3
SPED 391	Assessment	3
SPED 392	Prin of Teach Except Children	1
SPED 330	Rec & Phys Ed for the Exceptional Child	3
SPED 575	Teaching Students with Severe Disabilities	3
SPED 582	Mental Retardation	3
SPED 585	Effective Teaching: Mild Disabilities	3
READ 321	Elementary School Language Arts	3
READ 461	Intro to Teaching Reading in the Elem School	3

RICHARD W. RILEY COLLEGE OF EDUCATION-SPECIAL EDUCATION		
HLTH 303	Health Education	3
SPCH 351	Introduction to Speech Correction	3
ELEM 436	Teaching Math in the Elementary School	3
PSYC 306	Child Development I	3
Total		128

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

Bachelor of Science in Special Education

<i>Mild Disabilities (EMH, LD, EH)</i>		
General Education Courses (59 Hours)		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of AREA VI elective)		
Area I		
WRIT 101 & 102	Composition	6
MATH 140	Intro to College Math	3
MATH 291	Mathematics for Elementary Teachers	3
MATH 292	Geometry for Elementary Teachers	3
Area II		
Students will be required to take no less than 9 semester hours of science.		9
(At least two science designators must be represented.) Three (3) semester hours must be BIOL and there must be at least one laboratory science course.		
Area III		
PSYC 101	General Psychology	3
PLSC 201 or ECON 103	Amer Govt or Intro to Pol Econ	3
ANTH, ECON, GEOG, PLSC, PSYC OR SOCL		3
Area IV		
ENGL	English Elective	3
HIST	History Elective	3
ARTT 298 or 175 or 176; DANT 298; MUST 298; PHIL 330;		
THRT 298 or 310 or 311 (Two subject areas must be represented.		6
ARTT AND ARTH ARE CONSIDERED TO BE THE SAME SUBJECT AREA FOR THIS REQUIREMENT.)		
Area V	International Understanding	6
Area VI		
MUST 315	Music for the Classroom Teacher	3
Electives		4-5
Professional Education Sequence		66
EDUC 110	Teachers, Schools & Society	3
EDUC 210	Nature & Nurturing of Learners I	3
EDUC 250	Nature & Nurturing of Learners II	3
EDUC 275	Integr Tech to Support Teaching & Learning	2
EDUC 310	Working With Except & Div Learners	3
EDUC 390	Core Issues in Teacher Education	3
EDUC 475	Internship in Reflective Practice	10
EDUC 490	Capstone for Educational Leaders	2
SPED 281	Introduction to Special Education	3
SPED 292	Lab Experience with Except Children	3
SPED 330	Rec & PE for the Exceptional Child	3
SPED 391	Assessment	3

RICHARD W. RILEY COLLEGE OF EDUCATION-SPECIAL EDUCATION

SPED 392	Prin of Teach Except Children	1
SPED 561	Chara of Child With Learn Disabilities	3
SPED 582	Mental Retardation	3
SPED 583	Child w/Behav & Emot Prob	3
SPED 585	Effective Teaching: Mild Disabilities	3
READ 461	Intro to Teach Reading in Elem School	3
READ 571	Diagnostic & Prescript Teach of Read	3
HLTH 303	Health Education	3
ELEM 436	Teaching Math in the Element School	3
Total		125

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

RICHARD W. RILEY COLLEGE OF EDUCATION-SECONDARY

Bachelor's Degrees and Secondary Teacher Certification

Students may become certified in secondary education by successfully completing the respective approved teacher education programs in the following areas: biology, English, French, mathematics, social studies, Spanish.

Required courses for students seeking certification but earning degrees outside the College of Education:**

	Semester Hours
WRIT 101-102	6
ENGL (except 302, 303, 350, 500, 510, 530)	3
Biological and Physical Sciences lab courses	6
Choose two courses from: ARTT 298 or ARTH 175 or ARTH 176; DANT 298; MUST 298; PHIL 330; THRT 298 or 310 or 311. (Select from two different subject areas. ARTT AND ARTH ARE CONSIDERED TO BE THE SAME SUBJECT AREA FOR THIS REQUIREMENT.)	6
Area 391	3
Area 392	1
EDUC 110*, 210*, 250*, 275*, 310*, 390*, 475, 490	29

*Requires grade of C or better.

**There are exceptions to these courses in some subject areas.

Within General Education Areas III, IV and V, teacher education students must select one course from Global Perspectives and one course from Multicultural Perspectives. See page 57 for current approved list.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult Student Academic Services in the Riley College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

RICHARD W. RILEY COLLEGE OF EDUCATION-FAMILY AND CONSUMER SCIENCES
Bachelor of Science in Family and Consumer Sciences

General Education Courses (59 Hours)		Semester Hours
ACAD 101	Principles of the Learning Academy	0-1
(Transfers will substitute 1 hr. of Area VI elective)		
Area I		
WRIT 101-102	Composition	6
MATH 101 or 140	Precalculus or Intro to College Math	3
MATH elective		3
CSCI 101	Intro to Computers & Info Processing	3
Area II		
Sciences		6
SCIE 201E (Recommended)		3
Area III		
ECON 103 or PLSC 201		3
SOCL 505		3
Any Area III		3
Area IV		
ENGL		3
HIST		3
Any Area IV		6
Area V		
Any Area V		6
Area VI		
HLTH 506		3
Elective		3
Professional Courses (33 hours)		
EDCI 331	Community Connections for Families	3
INDS 101	Introduction to Interior Design (for non-majors)	3
NUTR 221	Food and Nutrition	3
NUTR 321	Principles of Food Preparation	3
NUTR 322	Food Preparation Laboratory	1
VCED 211	Garment Design and Structure I	3
VCED 231	Children and Families	2
VCED 340	Cooperative Internship Experience	3
VCED 381	Intermediate Textiles	3
VCED 401	Consumer Econ & Resource Management	3
VCED 500	Cont Issues: Prof & Family Living	3
VCED 501	Residential Technology	3
*Specialization or Minor		18-21
Electives		14-17
Total		124

Minor/Specializations may fulfill some general education requirements (Areas). Please check with the catalog requirements. Intensive oral and writing courses are required. Program must include 40 hours above 299.

RICHARD W. RILEY COLLEGE OF EDUCATION-FAMILY AND CONSUMER SCIENCES

***Specializations:**

1) YOUTH ISSUES		18 Hours
SOCL 201	Principles of Sociology	3
SOCL 314	Race and Ethnic Relations	3
PSYC 310	Career Development	3
SOCL 227	Criminal & Juvenile Justice System	3
HLTH 300	Personal & Community Health	3
HLTH 501	Substance Abuse Education	3
2) BUSINESS/MEDIA		18 Hours
MKTG 380	Principles of Marketing	3
MGMT 355	Business Communication	3
MCOM 205	Introduction to Mass Communication	3
MCOM 241	Media Writing	3
MCOM 346	Principles of Television Production	3
SPCH 201	Public Speaking <u>or</u>	
MCOM 348	Broadcast Performance	3
3) EARLY INTERVENTION		21 Hours
SOCL 201	Principles of Sociology	3
SCWK 200	Introduction to Social Work	3
PSYC 306	Child Development	3
SPEL 281	Introduction to Special Education	3
HLTH 300	Personal and Community Health	3
EDCI 336	Young Children: Insuring Success	3
READ 321	Elementary and Middle School Language Arts	3

*Students may minor in one of the following: health, nutrition, or gerontology instead of choosing an area of specialization.

RICHARD W. RILEY COLLEGE OF EDUCATION-SPORT MANAGEMENT
Bachelor of Science - Sport Management

General Education Course	Semester Hours
ACAD 101 Principles of the Learning Academy (Transfers will substitute 1 hr. of AREA VI elective)	0-1
Area I	
WRIT 101 & 102 Composition	6
MATH 101 Pre College Math	3
MATH 105	3
CSCI 101 or 110	3
Area II	
NO MORE THAN 6 HOURS IN ONE DESIGNATOR	
BIOL 101 Human Biology	3
Choose 6 hours from ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS, SCIE	6
Area III	
PSYC 101 General Psychology	3
SOCL 506 Sport Sociology	3
PLSC 201 or ECON 103*	3
<i>*If HIST 211-212 are selected to meet Constitution requirements, then 3 hours of AREA VI electives result.</i>	
Area IV	
ENGL (except 302, 303, 350, or 510)	3
HIST	3
Choose 6 hours from ARTS, ARTH, ARTT, CLAS, DANA, DANT, ENGL, HIST, MUST, PHIL, RELG, THRA, THRT	6
Area V	
Choose from ANTH 201, 203, 301, 321, 323, 351; ARTH 175, 176; CHIN, ENGL 205, 206, 207; FREN; GEOG 101, 103, 104, 306; GERM, HIST 101, 102, 331, 332, 337, 343, 344, 351; INAS 328, 425; JAPN; MCOM 302; MUST 305, 306; PHIL 300, 303; PLSC 205, 207, 260; RELG 300; SOCL 301, 319 or SPAN	6
Area VI	
WRIT 465 or PHED 381*	3
<i>*If PHED 381 is selected, a course which meets the oral requirement must be taken.</i>	
Choose 4-5 hours from: ANTH, ARTS, ARTH, BIOL, CHEM, CISM102, CLAS, CSCI, DANA, DANT, ECON, ENGL, FINC 101, FREN, GEOG, GEOL, GERM, HIST, HLTH 300, 500, 501, 506, 507, LATN, MATH, MCOM, MUST, PHED Activity, PHIL, PHSC, PHYS, PLSC, PSYC, QMTH 205-206, RELG, SOCL, SPAN, SPCH or WRIT	4-5
Subtotal	59
Additional Requirements (55 Hours)	
SPMA 101 Intro to Phys Ed and Sport Mgmt	3
SPMA 392 Field Experience in Sport Management	3
SPMA 492 Internship in Sport Management	6
SPMA 498 Senior Seminar in Sport Management	1
ACCT 280 Managerial Accounting	3
ECON 510 Sport Law	3
FINC 410 Sport Budget and Finance	3
MGMT 321 Principles of Management	3
MGMT 422 Human Resources Management	3
MGMT 523 Collective Bargaining & Labor Relations	3
MKTG 380 Principles of Marketing	3
MKTG 435 Promotion Management	3

RICHARD W. RILEY COLLEGE OF EDUCATION-SPORT MANAGEMENT		
PHED Activities		3
PHED 325	Sport Philosophy & Ethics	3
PHED 327	Scientific Foundations of Sport	3
PHED 380	History of Sport	3
PHED 476	Facilities Management & Design	3
PHED 548	Psychology of Sport & Physical Activity	3
Electives		12
Total		126

The College of Visual and Performing Arts

Andrew Svedlow, Dean
Jeannie Woods, Associate Dean

The College of Visual and Performing Arts provides professional programs for students preparing for careers in the arts and contributes to the arts education of all Winthrop University students.

The College draws on the extensive resources of the University and the Charlotte region of the Carolinas to provide an outstanding milieu conducive to the development of arts professionals. Our students have transformative and inspiring experiences in a first-class environment that includes advanced technology laboratories in all the arts, contemporary dance studios, traditional and experimental theatre spaces, an unparalleled music conservatory, and studios in the diverse disciplines of the visual arts. The arts degree programs combine the best of the time-honored academy tradition and the most current and prescient ideas in the arts with the liberal arts education of a comprehensive university.

All professional programs have strong general education components designed to strengthen student understanding of the relationship of the arts to the broader contexts of history and culture as well as the social and physical sciences.

Programs of the College of Visual and Performing Arts serve to enrich the cultural opportunities for all Winthrop University students and the citizens of the Charlotte region of South Carolina and North Carolina.

The College has three departments: Art and Design, Music, and Theatre and Dance. Each department offers students a wide variety of major concentrations as well as minor programs for those students with primary interests in disciplines outside of the College of Visual and Performing Arts. These are described in detail under the departmental headings that follow.

ART AND DESIGN

Faculty 2002-2003

Professors

James D. Connell
Laura J. Dufresne
David L. Freeman
Phil J. Moody
Andrew Svedlow
Jerry Walden, Chair
Alfred Ward

Assistant Professors

Linda Aaron
Gerry Derksen
Laura Gardner
Mark Hamilton
Mike Lavine

Associate Professors

Alice Burmeister
Shaun Cassidy
Peg DeLamater
Chad Dresbach
Paul C. Martyka
Marge Moody
Seymour Simmons III
Tom Stanley
J. David Stokes
Greg Tew

Lecturers

Brian Davis
Karen Derksen
Tom Garner
Deborah Garrick
Mike Goetz
Richard Haneline
Susan Kress
Doug McAbee
Arthur McClendon
Janice Mueller
Karen Olson
Seth Rouser
Greg Schauble
Michael Simpson
Kathe Stanley
Jim Stratakos
Jennifer Wallace

COLLEGE OF VISUAL AND PERFORMING ARTS-ART

The Department of Art and Design offers both the Bachelor of Arts degree in art and the professional Bachelor of Fine Arts degree with concentrations in eight areas. In addition, the department offers the Master of Fine Arts degree and the Master of Arts degree in art education.

Winthrop University is an accredited institutional member of the National Association of Schools of Art and Design (NASAD) and of the Foundation for Interior Design Education Research (FIDER). Administrative and faculty offices and studios, the Lewandowski student gallery, and graduate student studios are located in McLaurin Hall. Lecture and studio classes are held in Rutledge Building, primarily, with a few, limited number in McLaurin Hall and Roddey Hall.

Art and Design Scholarships and Awards

General scholarships are available in both visual arts and interior design. These awards, ranging from \$250 to \$1,800, are based upon a review of student work as an indication of artistic ability.

Minor in Art and Design or Art History

The Department of Art and Design offers a minor in art and in art history, primarily for students who are working toward a baccalaureate degree in a program other than art and design. For the specific requirements of the minors in art and design, see the section on minors.

Bachelor of Arts in Art

The Bachelor of Arts degree in art offers a broad course background for those students committed to scholarly pursuits, teaching, research, or museum work who want a liberal arts background with a concentration in studio art.

Entering students who display exceptional ability, evident in a portfolio of work reviewed by a faculty committee, may proceed to ARTS 200-level course(s). A faculty committee will determine whether any courses may be exempted. Students will take replacement ARTS Elective course(s) to fulfill the required hours in the major.

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 121 or 220	12
ARTH 175-176	6
ARTS Electives	24
ARTH Electives	6
Subtotal	49
General Education Distribution Requirements not met by Required Program:	
ACAD 101	0-1
Foreign Language Requirement	***
Area I (include WRIT 101-102)	15
Area II	
SCIE 201	3
ANTH202, BIOL, CHEM, GEOL, PHSC, PHYS	6
Area III	9
Area IV	6
Subtotal	39-40
Electives	35-36
Total	124

***Students completing the BA required program in art must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency exam or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 6 semester hours of foreign language courses may be applied to AREA I requirements in art.

COLLEGE OF VISUAL AND PERFORMING ARTS-ART HISTORY

The student must attain a cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the 49 semester hours of the required program. The student must complete a minimum of 12 hours of ARTS courses in residence at Winthrop University.

In addition to the 49 semester hours of the required program, the student must select and complete a minor and must achieve a cumulative grade-point average of at least 2.0 in courses counted toward the minor. Within the 124 semester hours required for this degree, the student must also include a minimum of 40 semester hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212.

Bachelor of Arts in Art History

The Bachelor of Arts degree in art history offers a student the opportunity to obtain strong academic training that will lead to graduate study in art history or to employment in a visual arts field.

Required Program:	Semester Hours
ARTT 110	1
ARTS 101	3
ARTT 395	3
ARTH 175, 176, 281, 282, 476, 479	18
Select 5 ARTH courses from 375, 376, 377, 378 381, 382, 477, 478, 480, 481, 482, 483, 484, 485	15
ARTH 480 or 481 or 482 or 483 or 484 or 485	3
HIST 101, 102	6
FREN 101, 102, 201 or GERM 101, 102, 201	9
ARTS Electives	6
ARTS, ARTT Electives	6
Subtotal	70
General Education Distribution Requirements not met by Required Program:	
ACAD 101	0-1
Area I (Include WRIT 101-102)	9
Area II	6
Lab Science	3
Area III	9
Area IV: ENGL	3
Subtotal	30-31
Electives	23-24
Total	124

COLLEGE OF VISUAL AND PERFORMING ARTS-ART EDUCATION

Certification as Art Teacher (K-12) - Bachelor of Arts in Art

Students desiring certification as teachers of art should consult with the department's certification adviser and Student Academic Services in the College of Education for specific requirements for admission to the Teacher Education Program. (See College of Education section for admission requirements.)

Required Program	Semester Hours
ARTS 101, 102, 120, 121 or 220, 332, 335 or 336, 342, 351 or 355	24
ARTT 110, 395	4
ARTS electives - from: ARTS, INDS or ARTT 359	6
ARTH 175, 176, 483 or 484 or 485, 479	12
ARTE 391, 548, 549, one of 482, 483, 484, 580, 592	13
Subtotal	59
General Education Distribution Requirements not met by Required Program	
ACAD 101	0-1
Foreign Language Requirement	***
Area I (include WRIT 101-102)	15
Biological Lab Science	3
Physical Lab Science	3
Area II	3
Area III	9**
Area IV: ENGL and HIST	6**
Choose from DANT 298, MUST 298, THRT 298 or 310 or 311 or PHIL 330	6
Subtotal	45-46
Electives	0-1
Professional Education Sequence:	
EDUC 110*, 210*, 250*, 275*, 310*, 390*, 475, 490	29
Total Semester Hours	134

***Students completing the BA required program in art must demonstrate proficiency in a foreign language at or above the second semester college level. This requirement may be met by a satisfactory score on a recognized proficiency exam or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite. A maximum of 3 semester hours of foreign language courses may be applied to AREA I requirements in Art. Thus, if 6 hours of coursework is required, there will be an increase of 3 semester hours to the required program.

**Within AREAS III and IV teacher education students must select one course from *Global Perspectives* and one course from *Multicultural Perspectives*. See page 57 for current approved list.

*C or better must be earned.

The student must attain a cumulative grade-point average of 2.75 or better in courses taken at Winthrop and included in the subtotal semester hours of the required program and the minor. The student must complete a minimum of 12 hours of ARTS courses in residence at Winthrop University. Within the 134 semester hours required for the degree, the student must include a minimum of 40 hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

COLLEGE OF VISUAL AND PERFORMING ARTS-FINE ARTS

Bachelor of Fine Arts

The Bachelor of Fine Arts degree is a professional degree designed for students who wish to pursue the visual arts as a profession or for the student wishing to pursue graduate study. Students seeking teacher certification in addition to the BFA degree should declare this intent to the department by the first semester of the sophomore year. Areas of concentration include (1) ceramics, (2) general studio, (3) graphic design, (4) interior design, (5) painting, (6) photography, (7) printmaking, and (8) sculpture (including jewelry and metals).

Students may take courses in any concentration prior to being admitted to the concentration; however, students may not register for studio-based courses above ARTS 375 or INDS 299 without submission and acceptance of a specialization portfolio.

Entering students who display exceptional ability, evident in a portfolio of work reviewed by a faculty committee, may proceed to ARTS 200-level course(s). The faculty committee will determine whether any courses may be exempted. Students will take replacement ARTS Elective course(s) to fulfill the required hours in the major.

The student must maintain a minimum cumulative grade-point average of 2.00 or better in courses taken at Winthrop and included in the subtotal semester hours of the required program. A minimum grade of "C" is required for all ARTS, ARTH, ARTT and INDS required courses in the Bachelor of Fine Arts degree. The BFA student may not progress to the next sequential course(s) without satisfying any portfolio review requirements (for "C" grades) and with the earning of any "D" or "F" grades in these designator subjects. The student must complete a minimum of 21 semester hours of ARTS and/or INDS courses in residence at Winthrop University. At least one-half of all courses in studio art are recommended from an area of concentration as determined by a student's adviser.

Within the 132 semester hours required for this degree, the student must include a minimum of 40 semester hours in courses numbered above 299 and must complete PLSC 201 or ECON 103 or HIST 211 and 212.

Foundation Portfolio Review

The Foundation Portfolio Review is required only of BFA students who earn a "C" grade in any foundation studio course (ARTS 101, 102, 120, 201, 202, 220, INDS 201). Portfolios submitted for review must consist of art work from the subject area(s) within which a "C" grade was earned.

Students who pass or not pass Foundation Review will continue into the sophomore level courses of their intended area of concentration. While students may have been successful in course work in meeting minimum standards, completing work on time, and participating in class activities, it should be realized that the Foundation Review is based on the assessment of the work in the portfolio alone.

The Foundation Portfolio Review will be conducted each August and January just prior to the beginning of the fall and spring semesters. The Foundation Portfolio Review may also be held at other times at the discretion of the department chair. Following this review, students should meet with their faculty advisers.

Specialization Portfolio Review

Students enrolled in the BFA program must select a concentration in Art and Design and make application for admittance to that area during the second semester of their sophomore year. For formal admission into the junior year professional programs, a student must have met the following criteria: (1) completion of the recommended lower level curriculum requirements, having earned not less than a 2.5 grade point ratio on a scale of 4.0 in all Art and Design work completed, and (2) approval of portfolios by the Departmental Portfolio Review Committees.

The Specialization Portfolio Review is designed to measure the suitability of BFA students for advanced-level studio courses. To be eligible for the review, students must have passed Foundation Portfolio Review, if applicable, have completed (or have in

COLLEGE OF VISUAL AND PERFORMING ARTS-FINE ARTS

progress) the required Sophomore-level courses leading to the specialization, and have attained a minimum GPA of 2.5 in art and design courses to date. In general, the Specialization Portfolio Review will measure anticipated success in the discipline by looking for signs of independence, thoroughness of research and discipline, and transfer of skills and knowledge. While students may have been successful in earning grades in previous course work by meeting minimum standards, completing work on time, and participating in class activities, it should be realized that the Specialization Portfolio Review is based on the assessment of the work in the portfolio alone.

Specialization Portfolio Review will take place in April of the Sophomore-level year and in August and January, as needed. The Specialization Portfolio Review Pass allows the student to enroll in studio courses above the numbers ARTS 375 and INDS 299. After passage, a student may not change a BFA concentration without passing a Specialization Portfolio Review in the new concentration of choice. Non-BFA students above the sophomore level may not change into the BFA program without permission of the department chair. Students should communicate with the departmental office for more information.

Transfer Students

A portfolio review of art and design work produced in studio courses at other schools is required of all transfer students. The purpose of a transfer portfolio review is to determine the proper level of placement into the degree program of choice, and the review is conducted by a faculty committee at the start of the student's initial semester. Transfer students are advised to request a copy of the department's Portfolio Review Requirements for further details.

Concentration in Ceramics

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 351, 352	27
ARTH 175, 176	6
Successful Passage of Specialization Portfolio Review	
ARTS 370, 451, 452, 482, and 483, 551, 552, 584, 585	27
ARTT 395, 499	4
ARTS Electives**	21
ARTH 479	3
ARTH Electives	3
Subtotal	92

Concentration in General Studio

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 342	24
ARTS 336 or 337 or 370	3
ARTS 332 or 351 or 355	3
ARTH 175, 176	6
Successful Passage of Specialization Portfolio Review	
ARTS Emphasis A*	15
ARTS Emphasis B*	15
ARTT 395, 499	4
ARTS Electives**	15
ARTH 479	3
ARTH Electives	3
Subtotal	92

*Students may select emphases A and B from ceramics, drawing, graphic design, interior design, jewelry and metals, painting, photography, printmaking, or sculpture.

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Concentration in Visual Communication Design: Graphic Design Track

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 201, 202, 220, Passage of Foundation Portfolio Review	18
ARTS 276, 277, 278, 281, 370	15
ARTH 175, 176	6
Successful Passage of Foundation Portfolio Review	
Passage of Specialization Portfolio Review*	
ARTS 377, 378, 379,380, 381, 477, 478 or AAE+, 486, 487, 578	28
ARTT 340 or AAE+, 395	6
ARTS Electives	12
ARTH 479	3
ARTH Elective	3
Subtotal	92
Additional Gen Ed Distribution Requirements in Visual Communication Design:	
ACAD 101	0-1
Area I (include WRIT 101,102)	15
Area II	9
Area III	9
Area IV	6
Electives	0-1
Subtotal	40
Total Semester Hours	132

*ARTS courses numbered above 375 require successful passage of Specialization Portfolio Review

*AAE--Approved Arts Elective

Concentration in Visual Communication Design: Illustration Track

Students selecting a concentration in VCD: Illustration should declare this option as a freshman and follow the required program:

Required Program:	
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220 Passage of Foundation Portfolio Review*	21
ARTS 276, 277, 278, 281, 342	15
ARTH 175, 176	6
Successful Passage of Foundation Portfolio Review	
Passage of Specialization Portfolio Review*	
ARTS 221, or 320, 336, or 337, 370, 375, 376, 377, 378, 386 or AAE+, 476, 486, 487, 578	34
ARTT 395	3
ARTS Electives	6
ARTH 479	3
ARTH Electives	3
Subtotal	92
Additional Gen Ed Distribution Requirements in Visual Communication Design:	
ACAD 101	0-1
Area I (include WRIT 101,102)	15
Area II	9
Area III	9
Area IV	6
Electives	0-1
Subtotal	40
Total Semester Hours	132

COLLEGE OF VISUAL AND PERFORMING ARTS-FINE ARTS

**ARTS courses numbered above 375 require successful passage of Specialization Portfolio Review*

Concentration in Interior Design

Students selecting a concentration in Interior Design should declare this option as a freshman and follow the required program:

Required Program	Semester Hours
ARTT 110	1
ARTS 101, 102, 120	9
ARTH 175, 176	6
INDS 101, 201, 231, 232, 234*, 241, 242, 251, 252	27
ARTS 202, 220	6
Successful Passage of Specialization Portfolio Review	
ARTT 395	3
MKTG 380 or MGMT 321 or ACCT 281	3
BADM 371	3
INDS 320, 333, 336, 338, 340, 344, 432, 433, 443, 484, 488	31
SPCH 201	3
Subtotal	92
Additional General Education Distribution Requirements in Interior Design:	
ACAD 101	0-1
Area I (include WRIT 101-102)	15
Area II	9
Area III	9
Area IV	6
Subtotal	39-40
Electives	0-1
Total Semester Hours	132

**Students should have a personal PC platform pentium computer beginning with this course. Please consult with area coordinator regarding computer configuration and software prior to purchasing either.*

Concentration in Painting

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 342, 343	27
ARTH 175, 176	6
Successful Passage of Specialization Portfolio Review	
ARTS 221, 320, 332, 442, 443, 482, 483, 484, 542, 543	30
ARTT 395, 499	4
ARTH 479	3
ARTS Electives**	18
ARTH Elective	3
Subtotal	92

Concentration in Photography: Fine Art Track

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 335, 370, 371	30
ARTH 175, 176	6
Successful Passage of Specialization Portfolio Review	
ARTS 470, 473, 474, 475, 573, 574, 584	21

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ARTT 281, 342	6
ARTH 379, 479	6
ARTT 395, 499	4
ARTS Electives**	18
Subtotal	92

Concentration in Photography: Commercial Track

Required Program:	Semester Hours
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 311, 370, 371	30
ARTH 175, 176	
Successful Passage of Specialization Portfolio Review	
ARTS 470, 472, 473, 474, 572, 573, 574, 584	24
ARTS 281	3
ARTH 379, 479	6
ARTT 395, 499	4
ARTT 340	3
BADM 371	3
ARTS Electives**	12
Subtotal	92

Concentration in Printmaking

Required Program:	
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 335 or 336, 337	27
ARTH 175, 176	6
Successful Passage of Specialization Portfolio Review	
ARTS 320, 370, 436, 437, 482, 483, 484, 536	24
ARTT 395, 499	4
ARTS Electives**	24
ARTH 479	3
ARTH Electives	3
Subtotal	92

Concentration in Sculpture (including Jewelry and Metals)

Required Program:	
ARTT 110	1
ARTS 101, 102, 120, 121, 201, 202, 220, 332, 333, 355, 356	33
ARTH 175, 176	6
Successful Passage of Specialization Portfolio Review	
ARTS 342, 351, 370, 482, 483, 484, 585, 432 or 455, 433 or 456, 532 or 555, 533 or 556	33
ARTT 395, 499	4
ARTS Electives**	9
ARTH 479	3
ARTH Elective	3
Subtotal	92

Additional General Education Distribution Requirements for above concentrations in the BFA (except interior design):

ACAD 101	0-1
Area I (include WRIT 101-102)	15
Area II	6
Lab Science	3
Area III	9
Area IV	6

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Subtotal	39-40
Electives	0-1
Total Semester Hours	132

***Up to 6 semester hours of approved course work outside of Art and Design may be substituted with the permission of the Chair of the Department of Art and Design*

MUSIC

Faculty 2002-2003

Professors

Eugene Barban
Robert A. Edgerton (*Emeritus*)
Lorraine C. Gorrell
Jerry L. Helton
W. Martin Hughes
David M. Lowry (*Emeritus*)
William F. Malambri, Jr.
Bruce A. Thompson
Phil A. Thompson
B. Michael Williams

Associate Professor

Ian D. Pearson

Assistant Professors

Lewis H. Dickert, Jr.
Katherine S. Kinsey
Roy V. Magers (*Emeritus*)
Ronald G. Parks
Marielon T. Ratliff
Donald M. Rogers, Chair

Instructor

Janice B. Bradner

Lecturers

Jennifer N. Austin
Tomoko Deguchi
Arthur R. Doughty
W. Craig Estep
Christine Fisher
Timothy S. Gordon
Thomas P. Hildreth
Jason B. Jackson
F. Diana Matusa
Sarita J. Maxwell
Jennifer L. McDaniel
Jason E. Nicholson
Meredith C. Nutter
Jill O'Neill
Robert Rydel
Hollis Ulaky
Hilary W. Yost

Mission

It is the mission of the Department of Music at Winthrop University to provide opportunities for music students to develop their creative and musical potentials, prepare music students for professional careers in music, continue its historic leadership role in music education in the region, serve the campus community by offering musical experiences and the opportunity to develop musical knowledge and skills to non-music majors, serve the larger community through programs of national distinction, be responsive to change, and be committed to on-going self-evaluation.

Introduction

The Department of Music offers three undergraduate degree programs: the Bachelor of Music degree in performance, the Bachelor of Music Education degree with concentrations in choral or instrumental music, and the more general Bachelor of Arts degree in music. In addition, the department offers both the Master of Music and Master of Music Education degrees, described in the *Winthrop University Graduate Catalog*.

Winthrop University is an accredited institutional member of the National Association of Schools of Music. The department offers professional instruction in musicianship, performance, and pedagogy for students planning careers in music. Opportunities for musical experiences are provided for the general college student as well.

COLLEGE OF VISUAL AND PERFORMING ARTS-MUSIC

The Department of Music is housed in the newly renovated Conservatory of Music. The adjacent 3,500 seat Byrnes Auditorium has a 70-rank, four-manual pipe organ by Aeolian-Skinner. The facilities in the Conservatory include the 212-seat Barnes Recital Hall, practice rooms, faculty offices, studios, classrooms, and rehearsal rooms.

The Music Library, located in 334 McLaurin Hall, has a full-time music librarian and a staff of assistants who help students in the use of scores, recordings, listening stations, ear training programs, and video equipment available there. The Computer Music Laboratory, located in Byrnes Auditorium, Room 203B, includes facilities and equipment for composition. An electronic keyboard laboratory is also located in Byrnes Auditorium, Room 203A.

Admission

To be admitted as a music major, a student must perform an entrance audition that demonstrates background in applied music sufficient to meet the performance requirements of first-year applied music study at the collegiate level. Students may be admitted as music majors under "conditional" status. "Condition" must be removed by the end of two semesters of study for the student to continue as a music major. In addition, all entering music majors take a placement test in music fundamentals. Entrance auditions and placement tests are given at the beginning of each semester before classes begin.

For a complete listing of requirements for admission to the Teacher Education Program, consult the College of Education section of this catalog.

Entrance Audition

Bachelor of Music Degree. Entrance audition requirements for specific performance areas of applied music study may be obtained by writing to the Chair, Department of Music. Students auditioning for the BM degree are expected to demonstrate technical facility and musicianship which distinguish the student as one who can fulfill the rigorous performance requirements in this professional program.

Bachelor of Music Education and Bachelor of Arts Degrees. Entrance auditions for the BME and BA degrees do not require specific repertory. Students should be prepared to demonstrate their performance ability effectively by performing compositions of different styles.

Music Scholarships

The Department of Music offers music scholarships to freshmen and transfer students who plan to major in music. All scholarships are selected through competitive auditions and are renewable for a period of up to four years (2-4 years for transfer students).

All music scholarships qualify students for an out-of-state tuition waiver. Information on music scholarships is available from the Chair, Department of Music.

Performance Requirements for Graduation

Bachelor of Music Degree. Majors in the BM program must present a half-recital in the junior year and a full recital in the senior year.

Bachelor of Music Education Degree. Students in the BME program must present a half-recital in the senior year.

Bachelor of Arts Degree. There is no recital requirement for graduation in the Bachelor of Arts curriculum. BA students must enroll in applied music for at least six semesters.

Keyboard Skills Examination

BME students and BM performance majors must take a keyboard skills examination, usually at the end of the sophomore year. This requirement may be satisfied by successful completion of MUSA 282 (Piano Class IV).

COLLEGE OF VISUAL AND PERFORMING ARTS-MUSIC PERFORMANCE

Minor in Music

Students may earn a minor in music if they are majoring in an area other than music. For the specific requirements for the minor in music, see the section on Minors.

S/U Option

Music majors are not permitted to utilize the S/U option when registering for music courses.

Minimum Grade Requirement

Music majors must receive a minimum grade of C in every music course (MUSA or MUST) used to meet requirements for a music degree.

Bachelor of Music-Performance

Required Program:	Semester Hours
ACAD 101	0-1
Area I	
WRIT 101-102 (both with a minimum grade of C)	6
MATH 101 or 140	3
FREN 101-102 or GERM 101-102	6
Area II	
ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS, (At least two subject designators must be represented.)	9
Area III	
ANTH (except 202), ECON, GEOG, MCOM 101, PLSC, PSYC, QMTN 205-206, SOCL (At least two subject designators must be represented.)	9
Area IV	
ENGL (except ENGL 302, 303, 350, or 510)	3
HIST	3
ARTS, ARTH, CLAS, DANA/DANT , MUSA/MUST, PHIL, RELG, or THRA/THRT	3
Area V	
GERM 101-102 or FREN 101-102	6
Area VI	
Electives from Areas I-V (only 3 hours of DANA/PHED may be included)	8-9
Subtotal	57
Music Core:	
MUST 305, 306, 507	9
MUST 111-112 and 211-212	12
MUST 113-114 and 213-214	4
500-level music elective	3
Applied Courses:	
MUSA 151 or 152 (choral) or 157 (instrumental) or 161 (strings) [Guitar majors may substitute up to 5 hours of guitar ensemble]	8
MUSA 111-112, 211-212, 311, 312, 411, 412*	24
Subtotal	60
Other Music requirements:	
MUST 317 and 512	6
500-level music period or literature courses	6
Music electives above 299 (except MUST 315) (Voice majors must include MUST 321 and 322)	6
Subtotal	18
Total Semester Hours	135

COLLEGE OF VISUAL AND PERFORMING ARTS-MUSIC EDUCATION

Additional Requirements:

- Keyboard Skills Examination
- Junior Recital (half recital)
- Senior Recital (full recital)
- Eight semesters of approved recital attendance
- Minimum grade of C in all required music courses
- Cultural Events Requirement
- Constitution Requirement
- Intensive Oral Communication Requirement
- A minimum of 21 hours of MUST/MUSA courses in residence at Winthrop University.

Voice Performance Majors are encouraged to include one or more of the following courses in AREAS IV, VI or Electives: THRA 120, 160, 220, 260, 261, 361; PHED 230, DANA 230, 101 and 104.

A minimum cumulative grade-point average of 2.0 is required for all courses taken at Winthrop, as well as for all courses counted toward the major program.

**BM performance majors receive 3 semester hours of credit for one hour of instruction per week during the fall and spring semesters, and 1 semester hour of credit for seven 50-minute lessons during the summer terms. MUSA 412 may be repeated for additional credit.*

Bachelor of Music Education-Choral Certification (K-12)

Required Program:	Semester Hours
ACAD 101	0-1
Area I	
WRIT 101-102 (both with a minimum grade of C)	6
MATH 101 or 140	3
Foreign Language	6
Area II	
Laboratory Science	3
ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS, (At least two subject designators must be represented.)	6
Area III	
ANTH (except 202), ECON, GEOG, MCOM 101, PLSC, PSYC, QMTH 205-206, SOCL	9
Area IV	
ENGL (except ENGL 302, 303, 350, or 510)	3
HIST	3
ARTT 298, DANT 298, THRT 298	3
Elective	1-2
Subtotal	44
Music Core:	
MUST 305, 306, 507	9
MUST 111-112 and 211-212	12
MUST 113-114 and 213-214	4
500-level music elective	3
Applied Courses:	
MUSA 151 or 152	7
MUSA 111, 112, 211, 212, 311, 312, 411, MUSA 291, 293, 295, 297	4
MUSA 181-182, 281-282	4
Subtotal	50

COLLEGE OF VISUAL AND PERFORMING ARTS-MUSIC EDUCATION

Other Music Requirements:

MUST 317-318	6
MUST 512, 521	5
Subtotal	11

Professional Education Sequence:

EDUC 110+, 210+, 250+, 275+, 310+, 390+, 475, 490	29
MUST 590, 591, 592	7
Subtotal	36

Total Semester Hours **141**

Additional Requirements:

- Keyboard Skills Examination
- Half Recital (senior year)
- Seven semesters of approved recital attendance
- Minimum grade of C in all required music courses
- Cultural Events Requirement
- Constitution Requirement
- A minimum of 21 hours of MUST/MUSA courses in residence at Winthrop.
- A minimum cumulative grade-point average of 2.75 is required for all courses taken at Winthrop, as well as for all courses counted toward the major program.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

**Two semester hours credit for one hour of instruction per week or one semester hour credit for 1/2 hour of instruction per week during the fall and spring semesters, and 1 semester hour of credit for seven, 50-minute lessons during the summer term.*

**C or better must be earned.*

Bachelor of Music Education-Instrumental Certification (K-12)

Required Program:	Semester Hours
ACAD 101	0-1
Area I	
WRIT 101-102 (both with a minimum grade of C)	6
MATH 101 or 140	3
Foreign Language	6
Area II	
Laboratory Science	3
ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS (at least two subject designators must be represented)	6
Area III	
ANTH (except 202), ECON, GEOG, MCOM 101, PLSC, PSYC, QMTH 205-206, SOCL	9
Area IV	
ENGL (except ENGL 302, 303, 350, or 510)	3

COLLEGE OF VISUAL AND PERFORMING ARTS-MUSIC EDUCATION

HIST	3
ARTT 298, DANT 298, THRT 298	3
Elective (MUST 341 recommended)	1-2
Subtotal	44
Music Core:	
MUST 305, 306, 507	9
MUST 111-112, and 211-212	12
MUST 113-114, and 213-214	4
500-level music elective	3
Applied Courses:	
MUSA 157 (band) or 161 (strings)	7
MUSA 111-112, 211-212, 311, 312, 411	7
MUSA 291, 293, 295, 297	4
MUSA 181-182, 281-282	4
Subtotal	50
Other Music Requirements:	
MUST 317-318	6
MUST 512, 521	5
Subtotal	11
Professional Education Sequence:	
EDUC 110 ⁺ , 210 ⁺ , 250 ⁺ , 275 ⁺ , 310 ⁺ , 390 ⁺ , 475, 490	29
MUST 590, 591, 592	7
Subtotal	36
Total Semester Hours	141

Additional Requirements:

- Keyboard Skills Examination
- Half Recital (senior year)
- Seven semesters of approved recital attendance
- Minimum grade of C on all required music courses
- Cultural Events Requirement
- Constitution Requirement
- A minimum of 21 hours of MUST/MUSA courses in residence at Winthrop.
- A minimum cumulative grade-point average of 2.75 is required for all courses taken at Winthrop, as well as for all courses counted toward the major program.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

**Two semester hours credit for one hour of instruction per week or one semester hour credit for 1/2 hour of instruction per week during the fall and spring semesters, and 1 semester hour of credit for seven, 50-minute lessons during the summer term.*

**C or better must be earned.*

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Bachelor of Arts in Music

Required Program:	Semester Hours
ACAD 101	0-1
Area I	
WRIT 101-102 (both with a minimum grade of C)	6
MATH 101 or 140	3
CSCI, Foreign Language MATH, PHIL 220	6
Area II	
ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS, (at least two subject designators must be represented)	9
Area III	
ANTH (except 202), ECON, GEOG, MCOM 101, PLSC, PSYC, SOCL (at least 2 designators must be represented)	9
Area IV	
ENGL (except ENGL 302, 303, 350, or 510)	3
HIST	3
ARTS, ARTH, CLAS, DANA/DANT, ENGL, HIST, PHIL, RELG, THRA/THRT	6
Area V: Electives	6
Area VI	
Electives from Areas I-V (only 3 hours of DANA/PHED and none with MUSA/MUST designators may be included)	9-10
Subtotal	61
Music Core:	
MUST 305, 306, 507	9
MUST 111-112, 211-212	12
MUST 113-114, 213-214	4
500-level music elective	3
Applied Music:	
MUSA 151, 152, 157, or 161 (strings majors) [Guitar majors may substitute up to 3 hours of guitar ensemble.]	6
MUSA 111-112, 211-212, 311-312	6
Subtotal	40
Electives:	
Choose from courses with any course designator other than MUSA or MUST	20
Other Music Requirements:	
MUSA/MUST electives above 299 (except MUST 315)	3
Total Semester Hours	124

Additional Requirements:

- Six semesters of approved recital attendance
- Minimum grade of C in all required music courses
- Cultural Events Requirement
- Constitution Requirement
- Completion of a minor or double major
- Intensive Oral Communication requirement
- A minimum of 21 hours of MUST/MUSA courses in residence at Winthrop.
- A minimum cumulative grade-point average of 2.0 is required for all courses taken at Winthrop, as well as for all courses counted toward the major and minor programs.

**One semester hour of credit for one hour of instruction per week during the fall and spring semester and 1 semester hour of credit for seven, 50-minute lessons during the summer term.*

THEATRE and DANCE

Faculty 2002-2003

Professors

Annie-Laurie Wheat, Chair
Jeannie M. Woods

Associate Professor

Sandra Neels

Assistant Professors

Kurt Heinlein
David Long
Anna Sartin
Danelle Smith
Natalie Smith
Mary Beth Thompson

Instructors

Stacy Garrett-McConnell
Janet Gray

Lecturers

Anne Blackwell
Melody Hallman
Tim Kottyan
Russell Luke
Rob Marenick

The Department of Theatre and Dance offers the Bachelor of Arts Degree in Dance and the Bachelor of Arts Degree in Theatre with emphases in theatre performance and design and technical theatre. Teacher certification options are available in both theatre and dance. The programs prepare students for a variety of career opportunities and/or graduate study. Winthrop University is an accredited institutional member of the National Association of Schools of Theatre (NAST) and the National Association of Schools of Dance (NASD).

Entrance Requirements

While admission to the BA degrees in Dance and Theatre does not require a formal audition or work review, it is recommended that prospective students in dance or theatre performance complete a placement audition prior to their first semester of enrollment in the program. Similarly, students entering the design and technical theatre emphasis should schedule an interview with the department chair. Audition and interview dates may be scheduled by contacting the Chair, Department of Theatre and Dance.

Theatre and Dance Scholarships

Scholarships are available in both Theatre and Dance. These awards, ranging from \$100 to \$500, are based upon audition or portfolio review as an indication of artistic ability. There are Producers Circle Scholarships for continuing students in amounts from \$100 to \$500 per year. The Florence A. Mims Scholarship is awarded to an exceptional senior theatre student. The Herbert L. Dean Dance Scholarship is awarded to an exceptional junior or senior dance student. The Blair E. Beasley, Jr. Directing Scholarship is awarded to a student who demonstrates excellence in directing.

Graduation Requirements

Students must attain a minimum cumulative grade point average of 2.00 in courses taken at Winthrop University. The student must complete a minimum of 12 semester hours in either DANA/DANT courses (BA degree in Dance), or THRT/THRA courses (BA in Theatre) in residence at Winthrop, and must attain a minimum cumulative grade point average of 2.0 in the major program.

In addition to the required program, the student must select and complete a minor and achieve a minimum cumulative grade-point average of 2.0 in all courses counted toward the minor. Within the 124 hours required for this degree, the student must include a minimum of 40 semester hours in courses numbered above 299.

Dance majors are required to take at least one technique class each semester.

COLLEGE OF VISUAL AND PERFORMING ARTS-DANCE

Minor in Theatre or Dance

The Department of Theatre and Dance offers minors in both theatre and dance. For the specific requirements of the minors, see the section on minors.

Bachelor of Arts in Dance

Required Program:	Semester Hours
DANA 111, 112, 211, 212, 311, 312	6
DANA 121, 122, 221, 222	4
DANA 244, 258	2
DANA 440 (take 6 times)	6
DANT 110, 200, 201, 205, 206, 301, 372, 385, 386, 430, 543, and 541 or 542	29
Electives from: ARTS, MUSA, MUST, PHED, THRA, THRT, and any DANA/DANT courses open to dance majors	1
Subtotal	48
General Education Distribution Requirements not met by Required Program:	
ACAD 101	0-1
Area I (include WRIT 101-102)	15
Area II	9
Area III	9
Area IV (ENGL and HIST)	6
Area V	6
Subtotal	45-46
Electives and Minor	30-31
Total	124

Bachelor of Arts in Dance with Teacher Certification (K-12)

Required Program:	Semester Hours
DANA 111, 112, 211, 212, 311, 312	6
DANA 121, 122, 221, 222	4
DANA 244, 251 or 252, 258	3
DANA 440 (take 4 times)	4
DANT 110, 200, 201, 205, 206, 301, 372, 385, 386, 430, 541, 542 and 543	32
Subtotal	49
Professional Education Sequence:	
EDUC 110*, 210*, 250*, 275*, 310*, 390*, 475, 490	29
DANT 391, 392	4
Subtotal	33

*C or better must be earned.

General Education Distribution Requirements not met by Required Program:	
ACAD 101	0-1
Area I (include WRIT 101-102)	15
Area II	
SCIE 201 or other laboratory science	3
ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS	6
Area III	9
Area IV (ENGL and HIST and ARTT 298, MUST 298 or THRT 298)	9
Area V	6
Electives	0-1
Total	131

COLLEGE OF VISUAL AND PERFORMING ARTS-THEATRE

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/ Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

Dance Education students may have to travel farther than students in other content areas for their field experience and/or internship because there are a limited number of dance education programs with certified teachers in school districts surrounding the Winthrop University campus. The Richard W. Riley College of Education and the Department of Theatre and Dance work together to place students with mentor teachers in appropriate dance education programs. Please consider the need to travel, relocate, and/or make special housing arrangements during the field experience and/or internship semesters.

Bachelor of Arts in Theatre

Design and Technical Theatre Emphasis

Required Program:	Semester Hours
THRT 110*, 210*, 310, 311	12
THRA 120*, 160, 170*, 171*, 260, 261, 330, 331, 360, 361	24
Electives selected from:	
ARTS 101, 102, 120, 121, ARTH 175, 176, or any other THRT or THRA courses open to majors	12
Subtotal	48

Performance Emphasis

Required Program:	Semester Hours
THRT 110*, 210*, 310, 311	12
THRA 120*, 160, 170*, 171*, 220, 320, 330, 331 and 420 or 430	21
Dance technique classes in ballet, modern, jazz, or social dance or any other dance technique class.	2
Electives selected from applied music courses in voice, MUSA 151, 152, 153, 154, 171-172, 271-272, SPCH 203, PHED 205, 230, 239, 266, and any other DANA, THRT and THRA courses open to majors.	13
Subtotal	48

General Education Distribution Requirements not met by Required Program:

CISM 101	0-1
Area I (include WRIT 101-102)	15
Area II	9
Area III	9
Area IV (ENGL and HIST)	6
Area V	6
Subtotal	45-46
Electives and Minor	30-31
Total	124

*C or better must be earned.

COLLEGE OF VISUAL AND PERFORMING ARTS-THEATRE

Bachelor of Arts in Theatre with Teacher Certification (K-12)

Students desiring teacher certification in the area of Theatre should consult with the adviser in order to determine the use of elective hours. Further, students should contact Student Academic Services in the College of Education for specific requirements for admission to the Teacher Education Program. (See College of Education section of this catalog.)

Required Program:	Semester Hours
THRT 110*, 210*, 310, 311	12
THRA 120*, 160, 170*, 171*, 220, 260, 261, 330, 331, 360, 361, 430, 521	33
Electives from any other THRA or THRT course open to majors, or any electives listed under the Theatre Performance Emphasis or under the Design and Technical Theatre Emphasis	4
Subtotal	49
Professional Education Sequence:	
EDUC 110*, 210*, 250*, 275*, 310*, 390*, 475, 490	29
THRT 391, 392	4
Subtotal	33
General Education Distribution Requirements not met by Required Program:	
ACAD 101	0-1
Area I (include WRIT 101-102)	15
Area II	
SCIE 201 or other laboratory science	3
ANTH 202, BIOL, CHEM, GEOL, PHSC, PHYS	6
Area III	9**
Area IV: ENGL and HIST	6**
Area V	6**
Subtotal	45-46
Electives	1-2
Total Semester Hours	129

*C or better must be earned.

**Within Area V, General Electives and/or Major Electives, students must complete one from ARTT 298, ARTH 175, ARTH 176, DANT 298, MUST 298, or PHIL 330. THRT 310 and THRT 311 meet the Global Perspectives and Multicultural Perspective Requirement.

In addition to the requirements for their major, students must meet requirements for the Teacher Education Program, which include the requirements for Admission to Teacher Education, Entry to the Professional Stage, and Program Completion. For information on these requirements, consult the Student Academic Services in the College of Education.

The PRAXIS II Series is required prior to graduation: 1) Subject Assessment/Specialty Area Tests and 2) Principles of Learning and Teaching (PLT) Test.

University College

W. Brien Lewis, Acting Dean

Founded on July 1, 2003, University College brings together existing and planned programs focused on increasing student achievement and engagement across the university. The College coordinates and guides programs from both academic affairs and student affairs, honing their focus across disciplines to ensure that every Winthrop student, regardless of his or her ultimate degree goal, has a common academic foundation as they commence their course of major study.

University College brings together Winthrop's revised General Education program, ACAD 101 (Principles of the Learning Academy), the Honors program, and the activities and opportunities available through the International Center. The Teaching and Learning Center, which provides professional development opportunities for faculty and works with faculty who are new to Winthrop, is also a key component. An overarching focus for all of the dynamic elements of University College is enhancing the freshman-year experience and student retention.

In addition to the programs listed above, the College works with orientation, service learning, and student academic success centers. Programs presently in development include leadership studies, civic engagement, and academic themes in residence halls.

GERONTOLOGY CERTIFICATE/MINORS
Gerontology Certificate Program

The certificate program consists of 18 semester hours. It is designed for 1) current students with a major that does not require a minor but whose career interest is in working with older adults (e.g., Social Work majors); 2) individuals with undergraduate or professional degrees seeking a credential in gerontology; 3) adults with a high school diploma who are preparing for job entry into the aging network or who are interested in the field of aging; and 4) professionals working in the aging network who want to update their knowledge in gerontology. (Social Work majors seeking a certificate in Gerontology may receive 3 hours credit for GRNT 440 as part of their required SCWK 443 Field Instruction.) The required courses are GRNT 300, GRNT 440, GRNT/SCIE 301 and GRNT/SOCL 504. Students also choose 3 hours from either GRNT/PSYC 307 or GRNT/SCWK 305, and 3 hours from the following elective courses: GRNT/SOCL 304, SOCL 520, SCWK 516, SCWK 536, NUTR 221, HLTH 500, INDS 241, PSYC 510, or HLSM 200. Students interested in the Gerontology Certificate program should contact Dr. Jennifer Solomon, Coordinator of Gerontology Programs at 803-323-4658.

Minors

Each program leading to the Bachelor of Arts degree requires the completion of a minor in addition to the major program. Students may fulfill the minor requirement with one or more minors of their own choosing. The minimum number of semester hours required for a minor is 15, at least 6 of which must be in courses numbered above 299. Minors are recorded on the permanent record. No course may be included in two minors or in a major and a minor unless the student is pursuing a Bachelor of Science degree, except in the College of Business Administration, where no course may count toward a business administration major and a business administration minor. Students must achieve a 2.0 cumulative grade-point average in all courses taken at Winthrop, as well as in courses counted toward the minor and the major programs.

Non-Bachelor of Arts degree students may complete minors either through the use of elective credits or through additional credits beyond those required for the degree program.

Accounting

The minor in Accounting consists of 15 semester hours to include ACCT 280, 281, 305, 306 and one of the following: ACCT 309, 401, or 509. Proficiency in computer applications equivalent to the level required for the successful completion of CSCI 105. This requirement may be met by taking CSCI 101, 105, or 110.

African American Studies

The African American Studies minor is an 18-hour program. Twelve of these hours are from four required courses: AAMS 300, ENGL 518, HIST 509, and SOCL 314. The remaining six hours are to be chosen from AAMS 320, ANTH 323, ARTH 281 or ARTH 381, ENGL 310, 311, 320, 321, 330, 510 (the preceding six ENGL courses to be taken only when also designated as AAMS courses), HIST 308, HIST 337, HIST 561, MUST 203 or 514, PLSC 315, PLSC 318, PLSC 338, PLSC 551, SOCL 350 (to be taken only when also designated as an AAMS course), or THRT 212.

Anthropology

The minor in anthropology consists of 18 semester hours to include ANTH 201, 202, 341, and 9 additional hours in anthropology, 3 of which must be above 299.

Applied Physics

The minor in applied physics consists of 17 semester hours of PHYS: PHYS 201-202 or 211-212; 9 hours from PHYS 301, 315, 350, 331, 332 or 321. Students with majors in biology, chemistry, computer science, and mathematics may count physics courses required by the major (PHYS 211-212 or 201-202) toward the physics minor.

MINORS

Art

The minor in art consists of 18 semester hours of ARTS: ARTS 101, 102, 120, and 121, and 6 hours of ARTS, ARTH, or INDS from courses numbered above 299.

Art History

The minor in art history consists of 15 semester hours to include ARTH 175 and 176 and 9 hours above 299. INDS 334, 335, and 533 may be counted toward this minor. Because no course may be included in a major and a minor, students majoring in Art or Interior Design and minoring in Art History must complete 15 semester hours in Art History beyond those required for the major.

Biology

The minor in biology consists of 18 semester hours of BIOL to include at least 6 hours in courses numbered above 299.

Business Administration

The minor in business administration consists of 18 hours of the following: BADM 180, ACCT 280, two of the following: MGMT 321, MKTG 380, FINC 311; two of the following, one of which must be above 299: ACCT 281, CSCI 207, ECON 215, ECON 216, HLAD 200, QMTH 205 or any course above 299 in ACCT, BADM, ECON, FINC, HLAD, MGMT, or MKTG. Proficiency in computer applications equivalent to the level required for the successful completion of CSCI 105. This requirement may be met by taking CSCI 101, 105 or 110.

Chemistry

The minor in chemistry consists of 18 semester hours of CHEM to include at least 6 hours in courses numbered above 299. Chemistry courses required for other majors can also be counted for the chemistry minor.

Coaching

The minor in coaching consists of 17 hours which must include: PHED 327, 361, 362, 393, and 571; two courses from PHED 460, 461, 462, 463, 464, 465, or 466. The remaining hours are to be selected from any courses not chosen to meet the above requirements and/or PHED 231, 267, 320, 325, 372, 382, or 548. An adviser in physical education will be assigned when the student files an intent for the minor.

Computer Science

The minor in computer science consists of 18 semester hours of CSCI: CSCI 207-208 and 271 and 7 additional hours of CSCI to include 6 hours in courses numbered above 299, except CSCI 340 A, B, C. CSCI 101, 110, and 151 may not be used to fulfill the Computer Science minor.

Dance

The Dance minor is a 21-hour program: Technique - 2 credit hours in Modern Dance at the intermediate level or above, and 2 credit hours in Ballet; DANT 200, DANT 201, DANT 298, DANA 251; one of the following - DANA 244 or 246; and DANA 440 taken four times; 4 credit hours of DANT/DANA electives.

Economics

The minor in economics consists of 18 semester hours of ECON to include ECON 215, 216, 315, 316. The additional 6 hours will be selected from ECON 331, 335, 343, 345, 415, 521 or approved replacement courses. No course may be included in two minors or in a major and a minor.

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English

The minor in English consists of 18 semester hours of ENGL to include: ENGL 300; 6 hours selected from ENGL 201, 202, 203, 205, 206, 207, 209, 210, 211; and 9 hours in courses numbered above 299.

Entrepreneurship

The minor in Entrepreneurship consists of 15 semester hours from the following: ACCT 280, MKTG 380, BADM 371, 372 and 525. In addition proficiency in computer applications equivalent to the level required for the successful completion of CSCI 105. This requirement may be met by taking CSCI 101, 105 or 110. Courses numbered above 299 must be taken after the student achieves junior status.

French

The minor in French consists of 18 semester hours of FREN to include FREN 201, 202, 250, and 9 hours in courses numbered above 202. May include MLAN 330 or 530. (FREN 101-102, or the equivalent, are prerequisites for all other FREN courses; however, they may not be applied toward fulfillment of the minor requirement.)

General Science

The minor in general science consists of at least 18 semester hours of coursework selected from BIOL, CHEM, GEOL, or PHYS, to include PHYS 201-202 or 211-212. Courses included in a major may not be counted in the general science minor. At least 6 hours must be in courses numbered above 299.

Geography

The minor in geography consists of 15 semester hours of GEOG to include GEOG 101 and at least 6 hours in courses numbered above 299.

Geology

The minor in geology consists of 18 semester hours in GEOL, excluding GEOL 120, and including at least 6 hours in courses numbered above 299.

German

The minor in German consists of 18 semester hours in GERM to include GERM 201, 202, and 12 hours in courses numbered above 202. May include MLAN 330 or 530. (GERM 101-102, or the equivalent, are prerequisites for all other GERM courses; however, they may not be applied toward fulfillment of the minor requirement.)

Gerontology

The minor in Gerontology consists of 18 semester hours. The required courses are GRNT 300, GRNT 440, and GRNT/SCIE 301. Students also choose 6 hours from either GRNT/SOCL 504, GRNT/PSYC 307, or GRNT/SCWK 305; and 3 hours from the following elective courses: GRNT/SOCL 304, SOCL 520, SCWK 516, SCWK 536, NUTR 221, HLTH 500, INDS 241, PSYC 510, OR HLSM 200. Students interested in the Gerontology minor must contact Dr. Jennifer Solomon, Coordinator of Gerontology Programs at 803-323-4658.

Health

The minor in health consists of 19 semester hours to include 9 hours from HLTH 500, 501, 506 and 507; and 10 additional hours selected from HLTH 300, 303, 500, 501, 503, 506, 507, PHED 231, 320, 361, BIOL 305-306, NUTR 221, NUTR 321, NUTR 370, GRNT 300, or SOCL 304. (HLTH 303 has a prerequisite of admission to the Teacher Preparation program.)

Health Services Management

The minor in Health Services management consists of 15 semester hours as follows: MKTG 380, MGMT 321, HLSM 200, 300, and 302. *Note that ACCT 280 is a prerequisite to MKTG 380.*

History

The minor in history consists of 18 semester hours in HIST: HIST 101, 102, 211, and 212, and at least 6 hours in courses numbered above 299.

Human Nutrition

The minor in human nutrition consists of 15 semester hours of course work in human nutrition, approved by Chair, Department of Human Nutrition, and CHEM 105, 106, 107, 108 or equivalent courses.

Human Resource Management

The minor in human resource management consists of 18 semester hours of management courses to include: MGMT 321,325, 422, 523, 524, and 526. Note that PSYC 101 is prerequisite for MGMT 325 and MGMT 321 is a prerequisite for all the other courses. All courses in this minor must be taken after the student achieves junior status.

International Area Studies

The INAS minor will consist of 18 hours of course work to include PLSC 205 or 207, and six (or nine) hours devoted to a specific region of the world (see list I below), and six (or nine) hours devoted to cross-regional comparisons (see list II below). Special topics courses appropriate to either list may be substituted pending approval of the Advisory Committee of the International Center. Students must develop foreign language proficiency to include both 201 and 202. Students majoring in History or Political Science may apply 6 hours toward this minor beyond the normal 36-hour limitation for a given designator.

List I. Specific regions: **African/Middle East** (ANTH 323, ARTH 381, HIST 337, 355*, 551, INAS 425**, PLSC 338, BADM 400*); **Asia** (ANTH 325, ARTH 282, BADM 400*, HIST 331, 332, 355*, 552, 553, INAS 425**, PLSC 532); **Europe** (ARTH 376, 377, 378, 478, BADM 400*, FREN 301, 575, GERM 301, 575, HIST 343, 344, 345, 346, 347, 355*, 540, 542, 547, 548, INAS 425**, MLAN 330*, 530*, PLSC 336, 345); **Latin America** (ANTH 321, ARTH 382, BADM 400*, GEOG 306, HIST 351, 352, 355*, 561, INAS 425**, MLAN 330*, 530*, PLSC 335, SPAN 301, 575).

List II. Cross-regional comparisons: ANTH 201, 203, 301; ARTH 281; BADM 553; ECON 521; ENGL 205, 206, 207, 502; FINC 514; GEOG 103; MCOM 302; NUTR 370; PLSC 205, 207, 260***, 337; RELG 300.

*Study-abroad and field experience courses are highly recommended and must be appropriate to the selected region.

**The content of INAS 425 must focus on the selected region.

***Model UN is highly recommended.

Mass Communication

The minor in mass communication consists of 18 semester hours of MCOM, with a minimum grade of C in each course, in one of the following options:

Broadcasting: MCOM 205, 241, 325, 346, and 6 hours from: MCOM 347, 348, 410, 444, 447.

Journalism: MCOM 205, 241, 333, 342 and MCOM 343 or MCOM 441 and MCOM 341 or 410.

Mathematics

The minor in mathematics consists of 18 semester hours of MATH to include MATH 201, MATH 202, and MATH 300, and at least 6 semester hours in MATH courses

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numbered above 299. If MATH 201 and/or MATH 202 are exempted, the student may choose any MATH course(s) numbered above 299 as substitutions.

Music

The minor in music consists of 24 semester hours of MUST/MUSA: MUST 111-112, MUST 113-114, MUST 305-306 and; 4 semester hours of applied music (private lessons); and 6 semester hours of music courses numbered above 299.

Philosophy

The minor in philosophy consists of 18 semester hours of PHIL: PHIL 201, 220 or 225, 300 and 9 additional hours, 3 of which must in courses numbered above 299. A student may not count more than two ethics courses toward the minor.

Philosophy and Religion

The minor in philosophy and religion consists of 18 semester hours in PHIL and RELG, to include PHIL 201, RELG 201, and 12 additional hours, 6 of which must be in courses numbered above 299. A student may not count more than two ethics courses toward the minor.

Political Science

The minor in political science consists of 18 semester hours of PLSC to include PLSC 201 and at least 6 hours in courses numbered above 299. PLSC 350 is recommended.

Psychology

The minor in psychology consists of 20 semester hours of PSYC. Psychology minors must take PSYC 101, 301, and 302. The additional 9 hours must be in courses numbered above 299, and at least 6 must be chosen from PSYC 306, 307, 400, 503, 505, 506, 507, 508, 509, or 514. Biology majors/psychology minors may waive PSYC 302; sociology majors/psychology minors may waive PSYC 301. In either case, 3 hours of psychology above 299 must be taken to replace the waived course.

Secondary Education

Students who major in biology, English, French, history, mathematics, political science, and Spanish, and wish to be certified to teach in secondary schools may select a minor in secondary education. The minor consists of 29 EDUC semester hours: EDUC 110, 210, 250, 275, 310, 390, 475, and 490 and appropriate prerequisite and corequisite courses.

Social Sciences

The minor in social sciences consists of at least 18 semester hours of courses in ANTH, ECON, GEOG, HIST, PHIL, PLSC, PSYC, SOCL, or RELG to include at least 6 hours in courses numbered above 299. A student may not include in the social sciences minor any courses with the designator of the major or majors. To receive credit for the social sciences minor, students must also complete a course dealing with social sciences methodology (ANTH 341, ECON 216, HIST 500, PLSC 350, PSYC 302, or SOCL 316). The methodology requirement may be satisfied through major requirements.

Social Welfare

The minor in social welfare is primarily intended for students who plan to enter a related field or who are simply interested in the field of social work because of its significance to modern society. The minor is not a professional degree program. It consists of 19 semester hours of social work to include SCWK 200/201, 202, 321, and 9 hours of social work electives.

Sociology

The minor in sociology consists of 18 semester hours of SOCL: SOCL 101 or 201,

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and at least 15 additional hours in SOCL, 6 hours of which must be courses numbered above 299. Both SOCL 101 and 201 can be applied toward the minor requirements.

Spanish

The minor in Spanish consists of 18 semester hours in SPAN to include SPAN 201, 202, 250, and 9 hours in courses numbered above 202. May include MLAN 330 or 530. (SPAN 101-102 or the equivalent are prerequisites for all other SPAN courses; however they may not be used toward fulfillment of minor requirements.)

Theatre

The minor in theatre consists of 21 semester hours: THRT 110, 210, THRA 120, 170, 171, 331, and 7 hours from any other THRT or THRA courses.

Women's Studies

The minor in women's studies consists of 18 semester hours, WMST 300 and five additional courses.

Choose 9-15 hours from:

ARTH 477, ENGL 330, HLTH 507, HIST 310, PLSC 337, 371, 553, PSYC 504, WMST 450.

Choose 0-6 hours from:

ANTH 201, 540, GEOG 101, HLTH 506, PSYC 306, 307, SOCL/GRNT 504, SOCL 505.

For more information, contact the Program Coordinator, Dr. April Gordon.

Writing

Students completing the writing minor may emphasize either creative writing or professional writing.

Students choosing the **creative emphasis** must complete 18 hours from:

WRIT 307, 316, 350, 351, 507, 516, 530	12-15 hours
WRIT 300, 500, ENGL 510	3-6 hours

Students choosing the **professional emphasis** must complete 18 hours from:

WRIT 300, 350, 351, 465, 566, MCOM 341, 370	12-15 hours
WRIT 307, 316, 500, 530, ENGL 303	3-6 hours

Courses of Study

This chapter contains a listing of courses at the time of printing of the catalog. Courses are listed alphabetically. Not all courses will be available every semester or summer session. A *Schedule of Courses* is issued prior to each registration. It lists courses available for that semester or summer session. Students should consult the *Schedule of Courses* prior to each registration.

Winthrop University reserves the right to withdraw any course listed in the *Schedule of Courses* if the administration determines the course does not have an adequate enrollment. The university also reserves the right to establish limits on the enrollment for any course or course section. For the most current and up-to-date information on courses, please go to the Wingspan web page at <http://wingspan.winthrop.edu>.

For further information about courses listed in this chapter, consult the dean of the college or the chair of the department offering the course.

In this chapter the following information is given about each course: the number; the title; the semester hour value; the number of clock hours per week required, if different from semester hour value; brief description; restriction of credit (if any); prerequisites or other restrictions on enrollment; and the semester the course is offered. If none is stated, the only restriction on enrollment is that indicated by the number of the course (see Classification of Courses below.)

The first of the figures enclosed in parenthesis immediately following the title of a course indicates the number of semester hours credit given for the course; the second and third figures (if given) indicate the number of lecture and laboratory (or studio) hours normally scheduled each week for one semester in the course. If only one figure is given, there are as many clock hours required per week as there are semester hours of credit for the course (unless the course description states otherwise.) For example, (3) indicates that the course carries three semester hours of credit and meets for three clock hours per week; (1:3) indicates that the course carries one semester hour credit but meets three clock hours per week; (4:2:4) indicates that the course carries four semester hours credit but meets two lecture hours and four laboratory (or studio) hours per week.

When two courses are listed as one, a hyphen(-) between the course numbers indicates the first is a prerequisite of the second. A comma (,) between the course numbers indicates that the first is not a prerequisite of the second.

Classification of Courses

Courses are classified by number:

101 - 299	beginning courses, primarily for freshmen and sophomores;
300 - 399	intermediate courses, primarily for sophomores and juniors;
400 - 499	specialized courses, primarily for juniors and seniors;
500 - 599	advanced courses, primarily for juniors, seniors and graduate students;
600 - 699	advanced courses for graduate students only (listed in the Graduate Catalog.)

ACADEMICS (ACAD)

101. Principles of the Learning Academy (1).

This freshman year seminar course is required for all first-time entering freshmen. The goals of this course are to introduce first-year students to the concepts, resources, and skills necessary for successful higher learning and to facilitate the student's adjustment to and engagement in the class and university.

ACCOUNTING (ACCT)

280. Accounting Information for Business Decisions I (3).

This course is the first of a two-part course focusing on the business environment and the use of managerial and financial accounting information for decision making in various business settings. Hands-on integrated project that uses accounting concepts to help the student see the interrelation and interdependence of the various business functions. Prerequisite(s): MATH 101 or 140 and CSCI 101, 105 or 110.

281. Accounting Information for Business Decisions II (3).

This course is the second of a two course series focusing on the business environment and the use of managerial and financial accounting information for decision making. This course stresses the importance of recording, storing and reporting of financial information employing a practice set. Prerequisite(s): ACCT 280.

All ACCT courses numbered above 299 have a prerequisite of junior status, an overall GPA of at least 2.00 and a grade of C or better in WRIT 102.

303. Accounting Information Systems (3).

Basic concepts of accounting information systems including both manual and computer based systems. Examines transactions processing systems with emphasis on internal controls and documentation, user support systems, and systems development. Prerequisite(s): Grade of C or better in MGMT 341 and ACCT 281 .

305. Intermediate Accounting I (3).

Theoretical and practical foundations of financial accounting and reporting for assets and current liabilities. Prerequisite(s): Grade of C or better in ACCT 281.

ACADEMICS/ACCOUNTING

306. Intermediate Accounting II (3).

Accounting for long term liabilities, capital, and special transactions. Prerequisite(s): Grade of C or better in ACCT 305.

309. Budgeting and Executive Control (3).

Preparation and utilization of financial information for internal management purposes: planning and special decisions, cost determination, performance evaluation and control. Prerequisite(s): ACCT 280 and 281.

351. Business Law for Accountants (3).

Legal problems in the field of accounting and legal aspects required for CPA preparations.

401. Introduction to Tax (3).

Introduction to the concepts and methods of determining tax liability for individuals, corporations, estates and partnerships. Prerequisite(s): C or better in ACCT 305.

491. Accounting Internship (3).

Involves the application of professional accounting skills required in the academic environment to the role of the practicing professional accountant. Prerequisite(s): C or better in ACCT 306 and 2.75 GPA.

501. Estate Planning (3).

Wills, real estate, life insurance, and the federal income and estate gift laws . Prerequisite(s): ACCT 280. ACCT 281 recommended.

502. Corporate Tax (3).

Concepts and methods of determining tax liability of corporations. Topics include ordinary income, capital gains and losses, net operating loss, reorganizations and contemporary problems in corporate taxation. Prerequisite(s): ACCT 306.

505. Advanced Accounting Topics (3).

Special accounting topics not covered in other accounting courses. Examples of topics covered are business combinations, investments, leases, pensions, EPS, revenue recognition and the cash flow statement. Prerequisite(s): Grade of C or better in ACCT 306.

506. Not for Profit Accounting (3).

Fund accounting and the financial presentation and disclosure requirements of governmental and other not for profit agencies. Prerequisite(s): Grade of C or better in ACCT 306.

ACCOUNTING/AFRICAN-AMERICAN STUDIES/ANTHROPOLOGY

509. Auditing Principles and Procedures (3).
Internal control, test of transactions, direct tests of financial statement balances and statistical sampling, with emphasis on the auditor's decision-making process.
Prerequisite(s): Grade of C or better in ACCT 306.

510. Advanced Cost (3).
Study of the conceptual and procedural aspects of cost accounting.
Prerequisite(s): Grade of C or better in ACCT 309.

AFRICAN-AMERICAN STUDIES (AAMS)

300. Introduction to African American Studies (3).
Interdisciplinary course including history and literature components.
Notes: Offered in the fall.

320. Racial, Cultural and Ethnic Influences on Identity Development (3).
This course examines how race, ethnicity and culture influence the development of personal identity of self. Historical and contemporary models of ethnic, cultural and/or racial identity formation will be examined. Diversity in the developmental process and outcomes of identity formation for African Americans will be emphasized.
Prerequisite(s): AAMS 300 or PSYC 101 and WRIT 101.
Notes: Offered in summer.

ANTHROPOLOGY (ANTH)

201. Introduction to Cultural Anthropology (3).
An exploration of cultures throughout the world stressing variability in family, political and economic patterns, religion and world view.
Notes: Offered in the fall, spring and summer.

202. Introduction to Biological Anthropology (4:3:3).
A study of the evolutionary history of humans. The course examines the anatomy, behavior and ecology of fossil and living primates and the extent of modern human diversity.
Notes: Lab Fee: \$20. Offered in the spring.

203. Introduction to Language and Culture (3).
A study of the cultural and social dimensions of language and how language usage varies
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from culture to culture and context to context.
Notes: Offered in the spring of odd years.

301. Cross-Cultural Perspective of Human Experience (3).
A comparative study of the human experience of kinship, symbolism, conflict and consensus, production and exchange. An advanced cultural anthropology course.
Notes: Offered in the spring of even years.

321. Cultures of Latin America (3).
A study of selected contemporary peoples of Latin America in the context of present social, political and economic changes. Special attention is given to the problems of peasantry.
Notes: Offered in the fall of even years.

323. Cultures of Africa (3).
A study of African cultures which includes family life, government, economics, education and religion.
Notes: Offered in the fall of odd years.

325. Chinese Culture (3).
An exploration of contemporary Chinese culture that is national in scope but allows a more in-depth look at selected dimensions of Chinese life.
Notes: Offered in the spring of odd years.

340 A,B,C. Cooperative Education Experience (1) (2) (3).
Provides on-the-job training in a professional field related to a student's major or career interests.
Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment.
Notes: For Anthropology minors only. Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a minor in Anthropology. A grade of S or U is recorded.

341. Fieldwork in Cultural Anthropology (3).
An experience in learning how to do research in cultural anthropology. Students learn research techniques, do fieldwork, and analyze and interpret the results.
Notes: Intensive Writing course. Offered in the spring of even years.

350. Special Topics in Anthropology (3).
In-depth consideration of a specific topic of particular concern in anthropology. Course will be offered under various topics, such as witchcraft and healing, and conflict resolution. It may be repeated under different topics.

Notes: Offered in the fall and alternate years in the summer.

351. Cross-Cultural Topics (3).

In-depth consideration of a specific topic of particular concern in anthropology. The topics offered will be cross-cultural and international in scope. The course may be repeated under different topics.

Notes: This course fulfills Area V of General Education Distribution requirements. Offered in the fall and alternate years in the summer.

540. Ecological Anthropology (3:3:0).

A study of humans' relationship to the environment in the past, present, and future. This course explores the biological and cultural adaptations that have allowed humans to occupy a wide range of diverse habitats.

Prerequisite(s): ANTH 201 and ANTH 202; or consent of the instructor.

Notes: Offered in the fall of even years.

ART (ARTS)

101. Two-Dimensional Design I (3:7).

Introduction to creative design elements, line, form, space, texture, color and basic technical skills, providing a foundation for subsequent art courses.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

102. Three-Dimensional Design I (3:7).

Comprehensive exploration of form, volume and space involving design, media, tools and technique.

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

120. Drawing I (3:7).

Introduction to drawing concentrating on the fundamentals of line, value, perspective and composition as applied primarily to representational drawing from observation.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

121. Figure Drawing (3:7).

Introduction to drawing the human figure with emphasis on development of basic drawing skills of gesture, proportion, contour and action.

Prerequisite(s): ARTS 120.

Notes: Lab Fee: \$15. Offered in fall and spring.

201. Two-Dimensional Design II (3:7).

Continued investigation of design and color

ANTHROPOLOGY/ART

with emphasis on understanding two-dimensional form, space, and creative visual organization.

Prerequisite(s): ARTS 101, 102.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

202. Three Dimensional Design II (3:7).

Continued study of space, form and media with emphasis on sculpture and design.

Prerequisite(s): ARTS 102.

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

220. Drawing II (3:7).

An expansion of beginning drawing with increased emphasis on composition and concept using achromatic and color drawing media.

Prerequisite(s): ARTS 120.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

221. Life Drawing and Anatomy (3:7).

Drawing the human form. Study of anatomy and structure of the body. Experimentation in various media.

Prerequisite(s): ARTS 121.

Notes: Lab Fee: \$15. Offered in fall and spring.

271. Graphic Arts Production Practicum (2:0:5).

Coordinated with technically-oriented programs, this course introduces skills and procedures associated with the Graphic Arts industry. Available as off-campus offering only.

Prerequisite(s): Permission from Chair or Designee.

Notes: A grade of S or U is recorded. Offered in fall and spring.

276. Introduction to Illustration (3:0:7).

Introduction to the materials with techniques used in the field of commercial illustration.

Emphasis on technical skill and accurate rendering of subject matter via traditional drawing media.

Prerequisite(s): ARTS 101, 120.

Notes: Lab Fee: \$10. Offered in spring.

277. Introduction to Graphic Design (3:0:7).

Introduction to concepts and techniques used in Graphic Design field. Emphasis on dynamic organization of 2-D layouts utilizing shape, type and image, as well as the development of professional presentation skills.

Prerequisite(s): Foundation Portfolio Review or permission of Area Coordinator.

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Notes: Lab Fee: \$10. Offered in fall and spring.

278. Introduction to Typography (3:0:7).

Investigation of typographic elements stressing spatial organization, concept and presentation skills. With an historical study of letterforms and their application in visual communications.

Prerequisite(s): Foundation Portfolio Review or permission of Area Coordinator.

Notes: Lab Fee: \$10. Offered in fall and spring.

281. Computer Imaging in Design (3:0:7).

Use of personal computer in the context of visual design professions. Introduces student to skills needed to creating effective and expressive images in a desktop publishing environment.

Prerequisite(s): Foundation Portfolio Review or permission of Area Coordinator.

Notes: Lab Fee: \$25. Offered in fall and spring.

311. Photo Communication (3:7).

In this course the practices of the working photojournalist are studied and skills expected of an entry-level newspaper photographer are developed. Topics include the use of camera and flash equipment for typical jobs, accurate note-taking for cut-lines, ethics as they impact the news media and an introduction to some of the major figures in the history of photojournalism. A portfolio of projects is produced, illustrating personal camera skills, as well as the ability to find pictures to accompany news stories.

Notes: Lab Fee: \$50. For non-Art and Design majors only. Offered in fall and spring.

320. Drawing III (3:7).

Continuation of the drawing sequence with emphasis on mixed media techniques and thematic development.

Prerequisite(s): ARTS 220.

Notes: Lab Fee: \$10. Offered fall or spring and as needed.

321. Advanced Life Drawing (3:7).

Exploration of the drawing approach. Creative use of composition, rendering techniques and the artist's point of view.

Prerequisite(s): ARTS 221.

Notes: Lab Fee: \$15. Offered in fall and spring.

332. Sculpture I (3:7).

Introduction to the techniques and design problems of sculpture. Experiences with

appropriate processes and materials.

Prerequisite(s): ARTS 102.

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

333. Sculpture II (3:7).

Study and development of the concept of form in space using primarily one material, employing various techniques.

Prerequisite(s): ARTS 332.

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

335. Printmaking: Serigraphy/Screen Processes (3:7).

Introduction to screen printing techniques including tusche drawing, stencil and photo screen printing.

Prerequisite(s): ARTS 101, 120.

Notes: Lab Fee: \$20. Offered in fall and spring.

336. Printmaking: Relief (3:7).

Introduction to relief printing techniques in black and white including lino-cut and woodcut.

Prerequisite(s): ARTS 101, 120.

Notes: Lab Fee: \$20. Offered in fall and spring.

337. Printmaking: Intaglio Printing (3:7).

Introduction to basic techniques in intaglio printmaking including hard- and soft-ground etching, dry point, engraving, aqua tint and collagraph.

Prerequisite(s): ARTS 101 and 120.

Notes: Lab Fee: \$20. Offered in fall and spring.

342. Painting I (3:7).

Introduction to painting with emphasis upon professional approach to content, expression, materials and media techniques.

Prerequisite(s): ARTS 101 and 120.

Notes: Lab Fee: \$10. Offered in the fall, spring and summer.

343. Painting II (3:7).

Emphasis upon the development of an individual point of view. Individual problems in representational and nonrepresentational painting.

Prerequisite(s): ARTS 342.

Notes: Lab Fee: \$10. Offered in the fall, spring and summer.

351. Ceramics I (3:7).

Introduction to the techniques and processes used in the creation of clay forms.

Notes: Lab Fee: \$45. Offered in the fall, spring

and summer.

352. Ceramics II (3:7).

Studio course introducing exploratory experiences in potters wheel and glazing techniques.

Prerequisite(s): ARTS 351.

Notes: Lab Fee: \$45. Offered in the fall, spring and summer.

355. Jewelry and Metals I (3:7).

Study of metals and the processes involved in designing and executing works in metal and related materials.

Notes: Lab Fee: \$25. Offered in fall and spring.

356. Jewelry and Metals II (3:7).

Continued experience with designing and producing works in metal and related materials.

Prerequisite(s): ARTS 355.

Notes: Lab Fee: \$25. Offered in fall and spring.

370. Basic Photography (Small-Format) (3:0:7).

With instruction in the 35mm single lens reflex (SLR) camera, metering, film development and printing in black and white, this course emphasizes the use of composition and light. Skills are begun towards the development of 'camera-vision', where pictures effectively communicate a personal interest with a broad range of subjects. Students must have a 35mm SLR camera with manual functions.

Notes: Lab Fee: \$50. Offered in the fall, spring and summer.

371. Photography II (3:7).

This intermediate course builds on the technical skills and creative investigations begun in ARTS 370. Including serial imagery and the relationships between language and photography, assignments lead to alternative forms of presentation such as installations and artists' books. Technical instruction is provided on color slides, push-processing film, infra-red film and in the basic use of the medium-format camera. Black and white fiber printing papers are used extensively in conjunction with color toners. Students must have a tripod for this course.

Prerequisite(s): ARTS 370.

Notes: Lab Fee: \$50. Offered in fall, spring and summer.

For BFA students, all art studio courses (3:7) numbered above 375 have a prerequisite of junior status and the successful completion of the specialization portfolio review or permission of the

Chair of the Department of Art and Design.

375. Illustration (3:0:7).

Further development of skills learned in ARTS 276. Emphasis on effective use of color and various media. Specific and directed communications projects are used to foster conceptual problem-solving skills.

Prerequisite(s): ARTS 276.

Notes: Offered in fall.

376. Illustration II (3:0:7).

Building on skills developed in ARTS 375, further exploration and discussion of various illustration techniques and approaches, and their application within publishing fields.

Prerequisite(s): ARTS 375; Passage of Specialization Portfolio Review.

Notes: Lab Fee: \$10. Offered in spring.

377. Graphic Arts Production Practices (3:0:7).

Introduction to tools, processes and technologies used in graphic arts professions. Course material is covered through exercises, projects and field experiences.

Prerequisite(s): Passage of Specialization Portfolio Review.

Notes: Lab Fee: \$25. Offered in spring.

378. Graphic Design I (3:0:7).

Application of communication design principles learned in ARTS 277 and ARTS 278. Use of design elements, typography and image to produce dynamic, content-responsive layouts.

Prerequisite(s): ARTS 277, 278,281; Passage of Specialization Portfolio Review.

Notes: Lab Fee: \$10. Offered in fall.

379. Graphic Design II (3:0:7).

Through further application of visual communication design principles, the course emphasizes alternative approaches to solving visual problems. Exercises encourage conceptual investigation and creative approaches to problem solution.

Prerequisite(s): ARTS 378.

Notes: Lab Fee: \$10. Offered in spring.

380. Intermediate Typography (3:0:7).

Design and organization of printed word and letterforms in combination with other graphic elements. Exploration of experimental typographic forms, interpretive design and Typo-Photo relationships.

Prerequisite(s): ARTS 378.

Notes: Lab Fee: \$15. Offered in spring.

381. Corporate Identity (3:0:7).

Comprehensive study and production of

ART

corporate identity systems, including the design and development of logos, identity standards and related collateral materials.
Prerequisite(s): ARTS 378.
Notes: Offered in fall.

386. Digital Illustration (3:0:7).

Studies in advanced computer illustration techniques using object and pixel-based image production software. Problems center on both 2-and 3-D renderings for illustrative and professional applications.
Prerequisite(s): ARTS 281.
Notes: Offered in fall.

420. Drawing IV (3:7).

Further continuation of the drawing sequence with emphasis on conceptual and compositional solutions to advanced drawing problems.
Prerequisite(s): ARTS 320.
Notes: Lab Fee: \$10. Offered in fall, spring and summer.

432. Sculpture III (3:7).

Study and development of kinetic forms in space with emphasis on contemporary materials and methods.
Prerequisite(s): ARTS 333.
Notes: Lab Fee: \$25. Offered in fall and spring.

433. Sculpture IV (3:7).

Study of the figure as a form in space.
Prerequisite(s): ARTS 432.
Notes: Lab Fee: \$25. Offered in fall and spring.

436. Printmaking: Lithography (3:6).

Introduction to basic techniques in stone and plate lithography.
Prerequisite(s): ARTS 336 or ARTS 337.
Notes: Lab Fee: \$25. Offered in fall and spring.

437. Intermediate Printmaking (3:7).

Continued study in printmaking media with emphasis on more advanced traditional and contemporary techniques.
Prerequisite(s): ARTS 335, 336, or 337.
Notes: Lab Fee: \$20. Offered in fall and spring.

442. Painting III (3:7).

Emphasis on the student's personal creative expression and the continuing development of painterly skills.
Prerequisite(s): ARTS 343.
Notes: Lab Fee: \$10. Offered in the fall, spring and summer.

443. Painting IV (3:7).

Continuation of the narrowing of focus to develop an individual expression.
Prerequisite(s): ARTS 442.
Notes: Lab Fee: \$10. Offered in the fall, spring and summer.

451. Ceramics III (3:7).

Continuing explorations in hand and wheel throwing techniques. Exploratory experiences in clay body formulation and compounding glazes.
Prerequisite(s): ARTS 352.
Notes: Lab Fee: \$45. Offered in the fall, spring and summer.

452. Ceramics IV (3:7).

Intermediate course study in either hand built or wheel thrown forms with an emphasis on the relationship between form and decoration.
Prerequisite(s): ARTS 451.
Notes: Lab Fee: \$45. Offered in the fall, spring and summer.

455. Jewelry and Metals III (3:7).

Advanced work in jewelry and metals.
Prerequisite(s): ARTS 356.
Notes: Lab Fee: \$25. Offered in fall and spring.

456. Jewelry and Metals IV: Forming (3:7).

A design and practical exploration of forging and forming techniques used in the production of jewelry and metalwork.
Prerequisite(s): ARTS 455.
Notes: Lab Fee: \$25. Offered in fall and spring.

470. Photography III (3:7).

Developing an aesthetic awareness and technical proficiency with the creative potential of color photography, this course concentrates on making prints from color negatives. Color composition, color temperature, the use of filters and flash, are all investigated. The course aims to develop a use of color photography as a means of personal expression, as well as build skills for working professionally. Students must have a flash for this course.
Prerequisite(s): ARTS 101, 120, 201, 371.
Notes: Lab Fee: \$70. Offered in fall.

472. Editorial Photography (3:0:7).

This course investigates the relationship between the individual and the social environment. Students photograph people at work and in locations that emphasize the subject's role in society. The course includes making work suitable for newspapers,

magazines and annual reports and culminates in a documentary project arranged by the student. Required equipment for this course includes a wide-angle lens and a flash.
Prerequisite(s): ARTS 371 or by portfolio review and permission of the instructor.
Notes: Lab Fee: \$50. Offered in spring.

473. Large-Format Photography (3:0:7).

Working primarily with 4x5" view cameras (but also having access to the 8x10" camera), students learn to use the descriptive power of the large-format negative for personal expression and creative purpose. A grounding in exposure control through the Zone System enables students to improve their understanding of the relationship between subject brightness and print tonal range. Students must have a view camera and suitable tripod for this course.

Prerequisite(s): ARTS 101, 120, 201, 371.
Notes: Lab Fee: \$50. Offered in fall.

474. Studio Lighting for Photography (3:0:7).

This course gives the students a working knowledge of strobe and tungsten lighting, as used in table-top photography, portraiture and photographing interior architecture and the human figure. It includes the methods for calculating light intensities when properly lighting a 3-dimensional object, as well as exploring creative techniques commonly exploited in studio work. Students must own a Sekonic L-408 Multimaster light meter (which provides flash, ambient light and spot readings).

Prerequisite(s): ARTS 470.
Notes: Lab Fee: \$50. Offered in spring.

475. Alternative Processes in Photography (3:0:7).

Photographic printing paper can be a rich material, capable of extraordinary tonal scale in and with a character of rare beauty. This course comprises the making of photographic paper by mixing light-sensitive emulsions and applying them to quality drawing paper by hand. Some of the historic processes are investigated, including Cyanotype, Van Dyke, Gum Bichromate, Platinum and Palladium. Later in the course students select one process with which to make a unified series of prints.
Prerequisite(s): ARTS 281, 470, 473 (or ARTS 473 as a co-requisite).
Notes: Lab Fee: \$70. Offered in spring.

476. Illustration III (3:0:7).

Emphasizes conceptual and stylistic development of imagery related to applied illustration projects.

Prerequisite(s): ARTS 376.
Notes: Lab Fee: \$10. Offered as needed.

477. Three-Dimensional Graphic Design (3:0:7).

Application of communication graphics to three-dimensional form. Emphasis on product packaging, promotion, environmental graphics, signage and other formats.

Prerequisite(s): ARTS 379.
Notes: Lab Fee: \$25. Offered once per year.

478. Experimental Typography (3:0:7).

Investigation of typography as an innovative art form. Emphasis on letterform imagery and experimental formats.

Prerequisite(s): ARTS 379, 380.
Notes: Lab Fee: \$10. Offered once every two years.

479. Sequential and Multimedia Design (3:0:7).

Exploration and use of the computer in sequential and multi-media productions. Included are investigations of several electronic media presentation formats.

Prerequisite(s): ARTS 281, Passage of Specialization Portfolio Review; or permission of Area Coordinator.
Notes: Lab Fee: \$25. Offered in fall.

480, 481. Special Topics in Art (1) (1).

Extended individual opportunities in studio art beyond existing departmental curriculum.

Prerequisite(s): Permission of the Chair of the Department of Art and Design.
Notes: Offered once per year.

482, 483, 484. Special Topics in Art (3) (3) (3).

Extends individual opportunities in studio art beyond existing departmental curriculum limits.

Prerequisite(s): Permission of the Chair, Department of Art and Design.
Notes: Lab Fee: \$25. Offered once per year.

483-485. Special Topics in Non-Western Art (3).

Prerequisite(s): Specialized study in one or more of the following: Art and Architecture of Africa, the South Pacific, North America Indian, Japan, China, India, Caribbean and Latin American and Native Americans of the Americas.

Notes: Offered once a year.

486. Senior Project Proposal (1:1:0).

Focus on the preparation of a project proposal which serves as the basis for research in ARTS 487.

ART

Prerequisite(s): Senior Standing (studio).
Notes: Offered in fall.

487. Senior Project.

Students pursue solutions to a visual communications problems individually proposed in ARTS 486. Prerequisite(s): ARTS 486. Notes: Offered in spring

532. Sculpture V (3:7).

Development of design and technical skills in the student's specific area of interest. Prerequisite(s): ARTS 433. Notes: Lab Fee: \$25. Offered in fall and spring.

533. Sculpture VI (3:7).

The conception and production of a unified professional body of work appropriate to a one-artist exhibition of sculpture. Prerequisite(s): Permission of instructor. Notes: Lab Fee: \$25. Offered in fall and spring.

536. Advanced Printmaking (3:7).

Advanced study in printmaking media with a concentration of image formulation through advanced techniques and multi-color printing. Prerequisite(s): ARTS 437. Notes: Lab Fee: \$25. Offered in fall and spring.

542. Painting V (3:7).

A continuation of the study of painting to develop professional, painterly skills through individual expression. Prerequisite(s): ARTS 443. Notes: Lab Fee: \$10. Offered in fall, spring and summer.

543. Painting VI (3:7).

Advanced study offering a thorough grounding in the discipline of painting. Prerequisite(s): ARTS 542. Notes: Lab Fee: \$10. Offered in fall, spring and summer.

551. Ceramics V (3:7).

Advanced study to develop a personal approach to the ceramic object. Exploration of glaze calculation and application. Prerequisite(s): ARTS 452. Notes: Lab Fee: \$45. Offered in fall, spring and summer.

552. Ceramics VI (3:7).

Advanced work in ceramics culminating in the production of a body of work of professional standard. Study of kiln construction and portfolio photographic documentation.

Prerequisite(s): ARTS 551.

Notes: Lab Fee: \$45. Offered in fall, spring and summer.

555. Jewelry and Metals V: Fashion (3:7).

Design and production of both fashion and fine jewelry with an emphasis on mixed media. Prerequisite(s): ARTS 455. Notes: Lab Fee: \$25. Offered in fall and spring.

556. Jewelry and Metals VI: Fine Jewelry (3:7).

Advanced study in fine and fashion jewelry/metals. Prerequisite(s): ARTS 555. Notes: Lab Fee: \$25. Offered in fall and spring.

572. Fashion Photography (Medium-Format) (3:1:0).

This course combines creative photography techniques used in the fashion industry with the financial aspects of making a living as a working photographer. Projects are designed to imitate assignments a studio photographer would typically receive, stressing individual creative solutions for a project, working to a deadline and staying within a client's budget. Students must own a medium-format camera with flash synchronization capability. Prerequisite(s): ARTS 474. Notes: Lab Fee: \$50.

573. Photography Thesis Project (3:1:6).

Designed for seniors, this course provides an opportunity to investigate a single topic of personal interest. By working closely with the instructor, the student's project is devised, executed, and in the process a conceptual framework is developed. To accompany the project students learn to write an artist's statement, how to complete a grant application for a fine-art project or develop a detailed budget for a commercial project proposal. Prerequisite(s): ARTS 473, 474 and ARTS 472 or 475 or 572, senior status. Notes: Lab Fee: \$50.

574. Photography Thesis Exhibition (3:0:7).

This course is dedicated to the production of a project for a one-person exhibition, which the student installs at the end of the semester. Building on the experience of ARTS 573, the student investigates a single topic, which may be a new project, a continuation of the earlier project, or a refined version of it. The exhibition (typically 12-15 pieces of work) is accompanied by a written artist's statement. Prerequisite(s): ARTS 573.

Notes: Lab Fee: \$50.

577. Advanced Problems in Advertising Design (3:7).

Research and conceptualization of visual media in package design including industrial and food packages.

Prerequisite(s): ARTS 477 or 478.

Notes: Lab Fee: \$25. Offered in fall and spring.

578. Professional Portfolio and Practices (3:0:7).

The development of a professional design portfolio. Course also covers preparation of a resume, professional standards and practices, legal issues, and other items relevant to a practicing design professional.

Prerequisite(s): ARTS 486.

Notes: Lab Fee: \$25. Offered in spring.

580, 581. Special Topics in Art (1) (1).

Extends individual opportunities in studio art beyond existing departmental curriculum limits.

Prerequisite(s): Permission of chair, Department of Art and Design.

Notes: May be retaken for additional credit. Offered in fall, spring and summer.

582, 583. Special Topics in Art (2) (2).

Extends individual opportunities in studio art beyond existing departmental curriculum limits.

Prerequisite(s): Permission of chair, Department of Art and Design.

Notes: Offered in fall, spring and summer. May be retaken for additional credit.

584, 585. Special Topics in Art (3) (3).

Extends individual opportunities in studio art beyond existing departmental curriculum limits.

Prerequisite(s): Permission of chair, Department of Art and Design.

Notes: Lab Fee: \$50. Offered in fall, spring and summer. May be retaken for additional credit.

584H. Special Topics in Art (3).

Extends individual opportunities in studio art beyond existing departmental curriculum limits.

Prerequisite(s): Permission of chair, Department of Art & Design.

Notes: Lab Fee: \$30. Offered in fall, spring and summer. May be retaken for additional credit.

ART/ART EDUCATION

ART EDUCATION (ARTE)

391. Principles of Teaching Art (3:2:2).

An examination of various research-based programs of instructional planning, methodology, classroom management, and evaluation of teaching and learning in art, K-12.

Prerequisite(s): Admission to Teacher Education.

Corequisite(s): ARTE 392, EDUC 390.

Notes: Offered in fall semester.

450. Honors: Selected Topics in Art Education (3).

Independent research on a selected topic in art education, culminating in an honors thesis or project.

Prerequisite(s): 18 semester hours of education and art education and consent of the Department Chair.

Notes: Offered in the fall, spring and summer.

482, 483, 484. Special Topics in Art Education (3) (3).

An in-depth study of selected topics or problems in Art Education.

Prerequisite(s): Permission of the Chair of the Department of Art and Design.

Notes: Offered in fall, spring and summer.

547. Art for Classroom Teachers (3:5).

Introduction to the aims, philosophies and creative studio experiences relevant to teaching art in the elementary school.

Prerequisite(s): Education major or permission of instructor. Admission to Teacher Education Program.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

548. Curriculum Development in Art Education (3:3:1).

Curriculum development for art educators at the various levels (K-12).

Prerequisite(s): Permission of instructor. Admission to Teacher Education Program.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

549. Foundations of Art Education (3:3:1).

The development of objectives for art education based on the personal and historical references in philosophy and psychology. A critical examination of traditional and contemporary bases.

Prerequisite(s): Permission of instructor. Admission to Teacher Education Program.

Notes: Lab Fee: \$10. Offered in fall, spring and summer.

ART EDUCATION/ART HISTORY

550. Principles of Teaching Art (3).

Study and application of skills of planning, instruction, management and assessment of students of art. Includes a review of the ethical and legal responsibilities of art teachers. Prerequisite(s): Permission of instructor. Admission to Teacher Education Program. Notes: Lab Fee: \$20. Offered in fall, spring and summer.

580. Current Issues in Art Education (3).

Intensive examination and analysis of current issues in contemporary art education. Prerequisite(s): Permission of instructor. Notes: Offered in fall, spring and summer.

592. Field Experience in Teaching Art (1:0:8).

Laboratory experience equivalent to 28 half days designed to lead art students through an exploration and examination of various research-based programs of instructional planning, methodology, classroom management, and evaluation of teaching and learning. Prerequisite(s): ARTE590. Corequisite(s): ARTE591 and EDUC390.

ART HISTORY (ARTH)

175. Introduction to Art History from Prehistory Through The Middle Ages (3).

Survey of art and architecture in the major civilizations of Egypt, the Ancient Near East, Greece, Rome, Byzantium, Medieval Europe, India, China, Japan, and Africa. Notes: Offered in fall and spring.

176. Introduction to Art History from the Renaissance to the Present (3).

Survey of art and architecture in Western Civilizations, from the Renaissance to the present. Notes: Offered in fall and spring.

281. Arts of Africa, the Americas, Oceania (3).

A survey of the traditional art and architecture of the peoples of Africa, North and South America, and the South Pacific, with an emphasis on placing the arts within their social and cultural context. Notes: Offered once per year.

282. Arts of China, Japan, and India (3).

A survey of the art and architecture of the peoples of China, Japan, and India with an emphasis on their cultural context and historical interconnections. Notes: Offered once per year.

340. Cooperative Education Experience (3:1:3).

A cooperative education experience to provide training for the Art History major in a professional environment. A minimum of 6 hours of cooperative education may be applied toward the Bachelor of Fine Arts degree. Prerequisite(s): Passage of Sophomore Portfolio Review or special permission of the Chair of Art and Design. Notes: Offered in the fall, spring and summer.

375. Ancient Art (3).

Survey of art and architecture from Prehistoric times through the Fall of the Roman Empire. Prerequisite(s): ARTH 175 or permission of instructor. Notes: Offered once every two years.

376. Medieval Art (3).

Survey of art and architecture from the Early Christian era through the Gothic period. Prerequisite(s): ARTH 175 or permission of instructor. Notes: Offered once every two years.

377. Renaissance & Baroque Art of Southern Europe (3).

Study of art and architecture, focusing on Italy and Spain, from the Renaissance through the early Eighteenth Century. Prerequisite(s): ARTH 176 or permission of instructor. Notes: Offered once every two years.

378. Renaissance & Baroque Art of Northern Europe (3).

Study of art and architecture in Northern Europe from the Renaissance through the early Eighteenth Century. Prerequisite(s): ARTH 176 or permission of instructor. Notes: Offered once every two years.

379. The History of Photography (3).

This course surveys the history of photography from its technical origins up to contemporary times, tracing its perception as a purely mechanical or documentary process in the early 19th century, through its elevation to the status of 'fine art' today. Class discussions on topics related to the course material and guest lectures by practising photographers will be included as time permits. Prerequisite(s): ARTH 176. Notes: Offered every 3 years in fall.

381. Arts of Africa (3).

A survey of the visual arts and architecture of Africa from pre-historic times to the present which places these arts within a framework of

the historical and cultural contests in which they were made.

Notes: Offered once per year.

382. Arts of the Americas (3).

A survey of the visual arts and architecture made by people of Pre-Columbian Central and South America, prehistoric North America, and the traditional and contemporary arts of Native Americans of North America.

Notes: Offered once every two years.

450. Honors: Selected Topics in Art History (3).

Independent research on a selected topic in art history, culminating in an honors thesis of professional quality.

Prerequisite(s): Permission of the Chair, Department of Art & Design.

Notes: Offered in once per year.

476. Art History Methods (3).

Study of the methods, research techniques, literature, and resources used in art historical inquiry and writing.

Notes: Offered in fall and spring.

477. Women in Art (3).

Consideration of the images of women portrayed through art. The impact of feminism on art, and contributions of women artists, designers, and architects to the history of art.

Notes: Offered in fall and spring.

478. The Rise of Modernism (3).

Study of art and architecture in Europe and America from the late 18th century through the early 20th century.

Prerequisite(s): ARTH 176 or permission of instructor.

Notes: Offered in fall and spring.

479. Twentieth Century Art (3).

Study of art and architecture from the early 20th century to the present, with a focus on Europe and America.

Prerequisite(s): ARTH 176.

Notes: Offered in fall and spring.

480, 481, 482. Special Topics in Art History (3) (3).

Study of a special problem in the history of art from antiquity to modern times, such as the individual artist, genre, theme, artistic movement or museum study.

Prerequisite(s): ARTH 175 and 176 or permission of the instructor.

Notes: Offered in fall, spring and summer.

ART HISTORY/ART THEORY

483-485. Special Topics in Non-Western Art (3).

Specialized study in one or more of the following: Art and Architecture of Africa, the South Pacific, North American Indian, Japan, China, India, Caribbean and Latin American and Native Americans of the Americas.

Notes: Offered in fall, spring and summer.

ART THEORY (ARTT)

110. Introduction to the Visual Arts (1).

A comprehensive introduction to the professional, social, historical, and personal perspectives of the visual arts.

Prerequisite(s): Concurrent enrollment in one or more of the following: ARTS 101, 102, 120 or 220 or 121.

Notes: Offered in fall.

298. Art Appreciation (3).

Survey of trends in art, traditional and contemporary styles.

Notes: Does not count toward art and design major or minor. Offered in fall, spring and summer.

340. Cooperative Education Experience (3).

A cooperative education experience to provide training for the ART major in a professional environment. A maximum of 6 hours of cooperative education may be applied toward the Bachelor of Fine Arts degree.

Prerequisite(s): Passing of Sophomore Portfolio Review or special permission of the Chair of Art and Design.

Notes: Offered in fall, spring and summer.

359. Museum and Gallery Practices (3:0:7).

An introductory study and application of professional practices and common guidelines within the art museum and gallery environment including the care and handling of art objects, interpretation, facility design and exhibition organization and design.

Prerequisite(s): ARTS 101 and 102; ARTH 175 and 176; and WRIT 102.

Notes: Offered in fall, spring and summer.

395. Art Criticism (3).

An intensive writing course with emphasis on art, design, architecture, and art criticism.

Prerequisite(s): WRIT 101-102 and ARTH 175-176.

Notes: Intensive Writing course. Offered in fall and spring.

499. Senior Review (1).

B.F.A. students, except for those in Visual

BIOLOGY

Communication Design and Interior Design concentrations, review career and job possibilities and develop application and interview skills for employment or graduate study.

Prerequisite(s): Senior standing.

Notes: Offered in the fall and spring.

BIOLOGY (BIOL)

101. Human Biology (3).

A consideration of selected aspects of the functioning of the human body and of bioethical issues related to human health, heredity and reproduction.

Notes: Offered in the fall, spring and summer.

106. Environment and Man (3).

A study of natural and human environments, effects of humans on the environment and environmental limits and future options.

Notes: Offered in the fall, spring and summer.

150. Elements of Living Systems (3:3:0).

A course for non-science majors that introduces the unifying principles of biology. The course will cover various levels of organization from molecules to ecosystems. Topics include ecology, energy use and acquisition, biodiversity, evolution, genetics and cells.

Notes: Offered in the fall, spring, and summer.

151. Investigations into Living Systems (1:0:3).

A 1-hour laboratory course for non-science majors that combines the application of scientific method with lab exercises illustrating the unifying principles of biology. Topics include scientific method, data collection, statistical analysis, behavior, ecology, genetics and cells.

Corequisite(s): BIOL 150.

Notes: Lab Fee: \$35. Offered in the fall, spring, and summer.

203. Principles of Biology Laboratory (1:0:3).

Laboratory for Biology 204.

Corequisite(s): BIOL 204.

Notes: Lab fee: \$30.

204. Principles of Biology (3:3:0).

An overview of biology, focused on the cell, genetics, evolution, ecology, and animal behavior.

Corequisite(s): Biology 203.

Notes: Offered in the fall, spring, and summer.

205. General Botany (4:3:3).

A comprehensive study of fundamental

structures and functions of plants with detailed consideration of representatives of the major divisions.

Prerequisite(s): BIOL 204.

Notes: Lab Fee: \$25. Offered in the fall and spring.

206. General Zoology (4:3:3).

A comparison of representatives of the major animal phyla with emphasis on anatomy, physiology, lifestyle and life history.

Prerequisite(s): BIOL 204.

Notes: Lab Fee: \$30. Offered in the fall and spring.

A grade of C or better in BIOL 300 is required to enroll in all Biology courses numbered above 300 (except BIOL 303,305,306,340,461, and 463).

300. Scientific Process in Biology (4:2:4).

The application of scientific method to investigations in biology, including hypothesis formulation, experimental design, data analysis, and report preparation.

Prerequisite(s): BIOL 203, 204 and either BIOL 205 or BIOL 206; WRIT 102; CHEM 105 and CHEM 107; MATH 101 or MATH 140 or any MATH course with MATH 101 as a prerequisite; students must have a minimum GPA of 2.00 in 200-level BIOL courses taken, and a minimum grade of C in CHEM 105, CHEM 107, and WRIT 102.

Notes: Lab Fee: \$30. Intensive Writing and Oral Communication course. Offered in the fall and spring.

303. Field Botany (4:2:4).

A study of plants in their natural environment with field trips and collection, analysis, identification and preservation of plant specimens.

Notes: Lab Fee: \$30. Offered fall and summer of even years.

304. Insect Field Studies (4:3:3).

A study of insects in their natural environment, including field trips, collections, observation, identification and specimen preparation.

Notes: Lab fee: \$30. Offered fall and summer of odd years.

305, 306. Fundamentals of Human Anatomy and Physiology (4:3:3) (4:3:3).

An introduction to the study of the structure and function of human organ systems. 305 covers digestive, respiration, circulatory, excretory, and reproductive systems. 306 covers the skeletal, nervous, and sensory systems.

Prerequisite(s): WRIT 102 and completion of

general education MATH requirement.
Notes: Lab Fee: \$30. 305 offered in the spring and summer. 306 offered in fall.

310. Microbiology (4:3:3).

An introductory survey of microbial activities, environment, diversity and economic importance. Bacterial and viral activities are emphasized.

Prerequisite(s): BIOL 204, 205, 206, 300 or NUTR 521; and CHEM 106, 108.

Notes: Lab Fee: \$30. Offered in the fall and spring.

315. Cell Biology (4:3:3).

An in-depth study of cellular structure, function and chemical composition. The laboratory seeks to develop skills in standard laboratory techniques in cellular, molecular, physiological and environmental studies.

Prerequisite(s): BIOL 204, 205, 206, 300; CHEM 106 and 108.

Notes: Lab Fee: \$35. Offered in the spring of odd years.

317. Genetics (3).

A study of the historical and contemporary aspects of the science of heredity with stress upon patterns and modes of inheritance.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Offered in the fall and spring.

318. Experimental Genetics (1:0:3).

Laboratory exercises dealing with fundamental concepts as well as recent advances in genetics.

Prerequisite(s): BIOL 204, 205, 206, 300, 317; CHEM 106, 108.

Notes: Lab Fee: \$30. Offered in the fall of even years.

321. Microscopic Anatomy (4:2:4).

An introduction to the study of vertebrate tissues, including techniques for slide preparation.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Lab Fee: \$30. Offered in the fall.

322. Developmental Biology (4:2:4).

A study of the ordered processes by which living systems, from cells to multicellular organisms, become structurally and functionally organized.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Lab Fee: \$30. Offered in the spring of even years.

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324. Human Anatomy and Physiology (4:2:4).

A study of how human organ systems are integrated and the cellular and subcellular control mechanisms involved in the maintenance of homeostasis. Laboratory is an equal mix of physiological experimentation and anatomical dissection.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Lab Fee: \$30. Offered in the spring.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For Biology majors only. A maximum of 3 hours may be applied toward a major in Biology. Credit will not be allowed for both BIOL 461/463 and 340. A grade of S or U is recorded. Offered in the fall, spring and summer.

403. Ecology (4:3:3).

A study of the pattern of relations between organisms and their environment including principles applicable to populations, biotic communities, ecosystems and biosphere.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Lab Fee: \$30. Offered in the fall.

440. Readings in Biology (1).

An undergraduate seminar course in which a book or series of research papers will be read and discussed with reference to important current issues in biology.

Prerequisite(s): BIOL 300 and permission of the instructor.

Notes: A grade of S or U is recorded for this course. Offered fall and spring.

450. Honors: Selected Topics in Biology (4).

In-depth independent inquiry into a selected biological subject.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Lab Fee: \$35. Offered in the fall, spring and summer.

461, 463. Academic Internships in Biology (1) (3).

An opportunity for biology majors to earn credit for experience gained through apprenticeship work under the supervision of trained professionals.

BIOLOGY

Prerequisite(s): Open only to students majoring in biology with a GPA of 2.0 in both major and overall. Prior approval from the department and Dean of the College of Arts and Sciences is required.

Notes: Credit will not be allowed for both BIOL 461/463 and 340. A grade of S or U is recorded for these courses. Offered in the fall, spring and summer.

471. Undergraduate Research in Biology (3).

Students participate in scholarly research with a faculty member. Requires approval of Departmental Chair.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: Lab Fee: \$35. Offered in the fall, spring and summer.

480. Integration of Biological Principles (3).

A series of lectures, reports, and discussions of biological principles taught in the core courses for the biology major. Historical development of unifying concepts will be analyzed.

Prerequisite(s): BIOL 204, 205, 206, 300; one course from each of the four biology areas; and CHEM 106, 108; senior standing.

Notes: Offered in the fall and spring.

491, 492. Departmental Seminar (0) (0).

Presentations of biological research by invited speakers.

Prerequisite(s): BIOL 204, 205, 206, 300; and CHEM 106, 108.

Notes: A grade of S or U is recorded for these courses. Both offered in the fall and spring.

495. Standardized Test Review (1).

This is a standardized test review course to help students prepare to take an entrance exam for medical school, dental school, veterinary school, or another graduate program (MCAT, VCAT, DAT, GRE, etc.).

Prerequisite(s): Junior standing and permission from the Biology Department Chair.

Notes: A grade of S or U is recorded for this course. Offered in spring.

505. Primate Biology (3).

A study of the morphology, behavior, ecology and evolutionary relationships of primates including prosimians, monkeys, apes and hominids.

Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108; or ANTH 202 and permission of instructor.

Notes: Offered every odd year in fall.

508. Invertebrate Biology (4:2:4).

An introduction to the biology of invertebrate

animals with emphases on their physiology, anatomy and evolutionary relationships.

Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108.

Notes: Lab Fee: \$35. Offered every odd year in spring.

510. Vertebrate Natural History (4:2:4).

A course covering the evolution, distribution, ecology and physiology of all classes of fish, amphibians, reptiles, birds and mammals.

Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108.

Notes: Lab Fee: \$30. Offered every odd year in spring.

511. Ornithology (4:2:4).

A lecture and field course in bird evolution, ecology, behavior and field identification.

Prerequisite(s): BIOL 204, 205, 206 and 300 or permission of instructor.

Notes: Lab Fee: \$30. Offered in summer.

513. Organic Evolution (3).

A study of the mechanism of change in the genetic constitution of populations over time with consideration of historical progress toward our present understanding.

Prerequisite(s): BIOL 204, 205, 206, 300 and 317; CHEM 106 and 108.

Notes: Offered in fall.

515. Environmental Biology (4:2:4).

A study of the ways by which human activity alters natural ecosystems and affects human health.

Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108.

Notes: Lab Fee: \$35. Offered in spring.

517. Human Genetics (3).

A comprehensive study of human genetics, especially covering the area of single gene defects, chromosome disorders, cancer, multifactorial inheritance, immunogenetics, behavior and populations.

Prerequisite(s): BIOL 204, 205, 206, 300 and 317; CHEM 106 and 108.

Notes: Offered every odd year in fall.

518. Animal Behavior (3).

A study of the mechanisms and patterns of animal activity, including principles of sociobiology.

Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108.

Notes: Offered every even year in spring.

520. Entomology (4:2:4).

A study of the morphology, physiology,

ecology and behavior of insects with emphasis upon recognition of major insect groups and techniques for preservation and identification. Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108. Notes: Lab Fee: \$30. Offered on demand.

521. Cytogenetics (4:3:3).

A comprehensive study of the chemical and physical properties of chromosomes and their behavior and role in inheritance. Prerequisite(s): BIOL 204, 205, 206, 300 and 317; CHEM 106 and 108. Notes: Lab Fee: \$30. Offered every even year in fall.

522. Immunology (4:2:4).

A study of immunity, of the nature and molecular aspects of the immune response, and of antibodies in the laboratory. Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108. Notes: Lab Fee: \$35. Offered in spring.

524. Advanced Botany (3).

Relationship of morphology and physiology to environmental factors that limit plant distribution and growth. Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108. Notes: Offered every even year in spring.

525. Mycology (4:3:3).

Survey of major fungal taxons with emphasis on field collection, identification, structural and functional studies; and methods of laboratory culture and experimentation. Prerequisite(s): BIOL 204, 205, 206, 300 and 310; CHEM 106 and 108. Notes: Lab Fee: \$30. Offered even years in spring.

526. Applied Microbiology (4:3:3).

Examination of the technological and natural uses of microorganisms in medicine, food industry, agriculture and other fields of applied science. Prerequisite(s): BIOL 204, 205, 206, 300 and 310; CHEM 106 and 108. Notes: Lab Fee: \$30. Offered on demand.

527. Population Biology (4:3:3).

A survey of the population biology of plants and animals. Emphasizes the assessment and analysis of demographic factors (age, size and community interactions) that determine the abundance, distribution and diversity of natural populations. Prerequisite(s): BIOL 300. Notes: Lab Fee: \$30. Offered every odd year

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in the fall.

530. Methods in Electron Microscopy (4:2:6).

Introduction to theory and methods used in studying biological and materials science-specimens by scanning and/or transmission electron microscopy. Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108, and CHEM 301, 302, 303, 304 or CHEM 310 and 311. Notes: Lab Fee: \$50. Offered spring of even years.

540. Special Topics in Biology (3).

A detailed examination of specific subjects in biology. Prerequisite(s): BIOL 204, 205, 206 and 300; CHEM 106 and 108; or graduate status; or permission of instructor. Notes: May be retaken for credit when different subjects are taught. Offered on demand.

555. Molecular Biology (3).

A comprehensive, one-semester study of the molecular basis of life. The course includes the structure and function of macromolecules, synthesis and interactions of biologically important molecules, molecular genetics, biochemical energetics, enzymatics, and molecular mechanisms in biological systems. This course is intended for students who plan to enter into a health-professions graduate program (medical school, veterinary school, dental school, medical technology), or a graduate program in biology. Prerequisite(s): BIOL 300, CHEM 301. Notes: Offered in fall of odd years..

556. Molecular Genetics and Recombinant DNA Techniques (4:3:3).

A molecular study of the processes of gene expression and replication in procaryotic and eucaryotic organisms and an examination of the recombinant DNA techniques used in genetic engineering. Prerequisite(s): BIOL 204, 205, 206, 300, 317; and CHEM 106, 108. Notes: Lab Fee: \$50. Offered in spring of even years.

BUSINESS ADMINISTRATION (BADM)

180. Contemporary Business Issues (3).

An introduction to management issues emphasizing the integrative aspects of the functional areas of business. This course will serve as a foundation for a student's business education.

BUSINESS ADMINISTRATION/CHEMISTRY

All BADM courses numbered above 299 have a prerequisite of junior status, an overall GPA of at least 2.00 and a grade of C or better in WRIT 102.

340 A, B, C. Cooperative Educational Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum 24 earned undergraduate semesters hours (12 earned at Winthrop University).

Notes: For Business Administration majors only. Courses may be repeated for credit; however a maximum of 3 hours may be applied toward a degree in Business Administration. A grade of S or U is recorded for this course.

371. Introduction to Entrepreneurship (3).

Through a hands-on laboratory experience, this course investigates the resources available for developing a feasibility study to be used in the formation of a new business venture.

372. Entrepreneurial Financing and Venture Capital (3).

The focus of this course is on entrepreneurial financing including the raising and managing of venture capital. Risk management, financial planning and forecasting are tools to develop proforma statements.

Prerequisite(s): BADM 371 and ACCT 280.

400. International Field Experience (3).

On-site study of business, government institutions, and financial markets within dominant and emergent international trade groups of nations.

Prerequisite(s): Junior status.

Notes: Course may be repeated for credit.

411. Information Technology in Business Administration (3:2:1).

The theory and application of information technology in business, including database management and web marketing and how these technologies contribute to building long-term relationships with customers.

Prerequisite(s): CSCI 101, MKTG 380.

450. Honors: Selected Topics in Business Administration (3).

Notes: Offered on demand.

491. Internship in Entrepreneurship (3).

The internship in entrepreneurship provides opportunities for students to integrate course work into practical work settings. This course

applies the academic and conceptual to the practical; students supervised by faculty, will work a minimum of 150 hours during a semester or summer term.

Prerequisite(s): 2.0 GPA and must have completed BADM 371 and one additional entrepreneurship option course. For Business Majors only.

Notes: Permission of instructor required. A grade of S or U is recorded.

492. Internship in International Business (3:3:0).

The internship in international business provides opportunities for student to integrate course work into practical work settings. This course applies the academic and conceptual to the practical; students supervised by faculty, will work a minimum of 150 hours during a semester or summer term.

Prerequisite(s): Two from MGMT 539, MKTG 529, FINC 514, ECON 521; Business majors only.

Notes: Permission of instructor required.

525. Entrepreneurial Strategy (3).

This course focuses on the challenges and opportunities associated with control, growth and transition of developing businesses. The course identifies the critical factors that lead to success or failure and utilizes them in evaluation of present business situations.

Prerequisite(s): BADM 372 or graduate status.

561. Electronic Commerce for Managers (3:3:0).

This course focuses on the management of e-commerce and its major opportunities, limitations, issues and risks. Since e-commerce is interdisciplinary, professionals in any functional area will find it of interest.

Prerequisite(s): MGMT 341 or MGMT 661.

581. Special Topics in Business Administration (3).

A study of a topic in the area of business administration.

Prerequisite(s): Permission of instructor.

Notes: Course maybe repeated for credit.

595. Research in Business Administration (3).

Prerequisite(s): Permission of dean, College of Business Administration.

Notes: May be retaken for additional credit.

CHEMISTRY (CHEM)

101. Applying Chemistry to Society (3).

Applying Chemistry to Society is a course

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designed to familiarize the student with the basic principles of chemistry and how these principles to the world around us. A student may receive credit for only one of the following: CHEM 101, 106, or 117.

In the following listing of courses, the lecture and laboratory courses are listed separately. Concurrent registration on the same grade and credit basis or prior passing of corequisite courses is required. Concurrent dropping or withdrawal of corequisite courses, if necessary, is also required.

105. General Chemistry I (3).

An introductory chemistry course for those who intend to major in the sciences. Three lecture hours and one recitation per week. Prerequisite(s): One unit of high school algebra. Recommended SAT MATH score of 500. Corequisite(s): CHEM 107. Notes: Offered in the fall, spring and summer.

106. General Chemistry II (3).

An introductory chemistry course for those who intend to major in the sciences. A student may receive credit for only one of the following: CHEM 101, 106, or 117. Prerequisite(s): A grade of C or better in all of the following: CHEM 105, CHEM 107. Corequisite(s): CHEM 108.

107-108. General Chemistry Laboratory (1:0:3) (1:0:3).

Prerequisite(s): CHEM 107 is prerequisite to CHEM 108. Corequisite(s): CHEM 105-106. Notes: Lab Fee: \$40. Offered in the fall, spring and summer.

117. Introductory Environmental Chemistry (3:3:0).

A lecture course to develop a fundamental chemical understanding of modern environmental issues involving air, water, toxic substances, and energy. A student may receive credit for only one of the following: CHEM 101, 106, or 117. Notes: Offered as needed.

301. Organic Chemistry I (3).

Study of the structure, preparation and chemical and physical properties of organic compounds. Prerequisite(s): A grade of C or better will be required in all of the following: CHEM 106, CHEM 108. Corequisite(s): CHEM 303. Notes: Offered in fall and summer.

302. Organic Chemistry II (3).

Study of the structure, preparation and chemical and physical properties of organic compounds.

Prerequisite(s): A grade of C or better in the following: CHEM 301.

Corequisite(s): CHEM 304.

Notes: Offered in the spring and summer.

303-304. Organic Laboratory (1:0:3) (1:0:3).

Corequisite(s): CHEM 301-302.

Notes: Lab Fee: \$40. A student may not receive credit for CHEM 311 (or equivalent) and either CHEM 303 or 304. Offered in the fall, spring and summer.

305. Chemical Hygiene and Safety (1:1:0).

A course in chemical hygiene and safety. Topics covered include chemical storage, chemical hygiene plans, labeling, response procedures, MSDS's, clean-up techniques, right-to-know requirements, TLV's, chemical hazards, and lab safety procedures.

Prerequisite(s): C or better in each of the following: CHEM 105-108, CHEM 301-304.

Notes: Offered in spring.

312. Introductory Chemometrics (1).

A short course that introduces the statistical/mathematical evaluation of chemical measurements to include statistics, linear and nonlinear calibration techniques, error propagation, sampling statistics, modeling, experimental design, and Fourier transforms. Corequisite(s): CHEM 313.

313. Quantitative Analysis (3).

A study of some of the classic and modern techniques of quantitative chemical analysis and their theoretical bases.

Prerequisite(s): A grade of C or better will be required in all of the following: CHEM 106, CHEM 108.

Corequisite(s): CHEM 314, CHEM 312.

Notes: Offered in the fall.

315. Quantitative Analysis Lab (1:0:3).

A laboratory course to apply modern analysis technology.

Prerequisite(s): A grade of C or better in all of the following: CHEM 106, CHEM 108.

Notes: Lab Fee: \$40. Offered as needed.

317. Environmental Chemistry (3).

A study of modern environmental chemistry topics: CFC's and ozone depletion, photochemical smog, acid rain, particulates, greenhouse effect, indoor air pollution, asbestos, radon, pesticides, PCB's, PAH's, dioxins, water quality and treatment, heavy

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metals in soils, and energy sources.
Prerequisite(s): A grade of C or better in all of the following: CHEM 106, CHEM 108.
Notes: Offered as needed.

330. Introductory Inorganic Chemistry (3).

Introduction to principles of inorganic chemistry including electronic structure of atoms, theories of structure and bonding, and descriptive chemistry of the elements.
Prerequisite(s): A grade of C or better in all of the following: CHEM 105, CHEM 106, CHEM 107, CHEM 108.
Notes: Offered in spring.

332. Inorganic Chemistry Laboratory (1:0:3).

Synthesis and characterization of inorganic compounds including main group, transition metal, and organometallic species.
Prerequisite(s): A grade of C or better in all of the following: CHEM 105, CHEM 106, CHEM 107, CHEM 108.
Corequisite(s): CHEM 330.
Notes: Lab Fee: \$40. Offered in spring.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.
Prerequisite(s): 2.5 GPA and minimum of 24 earned undergraduate semester hours.
Placement objectives must be approved by Department Chair prior to enrollment.
Notes: For chemistry majors only. Courses may be repeated for credit. Hours do not count toward required hours in Chemistry. A grade of S or U is recorded. Offered in the fall, spring and summer.

351. Independent Study (1) (2) (3).

Independent study at the sophomore/junior level.
Prerequisite(s): CHEM 105.
Notes: Lab Fee: \$40. A grade of S or U is recorded. Offered in the fall, spring and summer.

407. Physical Chemistry I (3).

A calculus-based study of the theoretical foundations of chemistry.
Prerequisite(s): A grade of C or better in all of the following: MATH 202, PHYS 202 or PHYS 212.
Corequisite(s): CHEM 409, CHEM 313, CHEM 314.
Notes: Offered in the fall.

408. Physical Chemistry II (3).

A calculus-based study of the theoretical

foundations of chemistry.
Prerequisite(s): A grade of C or better in all of the following: MATH 202, PHYS 202 or PHYS 212, CHEM 313, CHEM 314, CHEM 407.
Corequisite(s): CHEM 410.
Notes: Offered in spring.

409-410. Physical Chemistry Laboratory (1:0:3) (1:0:3).

Corequisite(s): CHEM 407-408.
Notes: Lab Fee: \$40. Offered in the fall and spring.

450. Honors: Selected Topics in Chemistry (3).

An in-depth independent inquiry into a selected topic in Chemistry.
Prerequisite(s): Permission of the Chairperson.
Notes: Offered in fall and spring.

461, 462, 463. Academic Internships in Chemistry (1) (2) (3).

Prerequisite(s): Open only to students majoring in chemistry. Prior approval from the Department Chair and Dean of the College of Arts and Sciences is required.
Notes: A grade of S or U is recorded. Offered in fall, spring and summer.

490. Seminar (1).

Prerequisite(s): 12 hours of CHEM and consent of the instructor. May not be taken more than three times for credit.
Notes: Offered in the fall.

491. Department Seminar (0).

A department seminar program in which outside visitors present seminars on current research or on another relevant topic.
Prerequisite(s): C or better in each of the following: CHEM 105-108, CHEM 301-303.
Notes: Offered in fall and spring.

492. Department Seminar (0).

A department seminar program in which outside visitors present seminars on current research or on another relevant topic.
Prerequisite(s): C or better in each of the following: CHEM 105-108, CHEM 301-303.
Notes: Offered in fall and spring.

493. Department Seminar (0).

A department seminar program in which outside visitors present seminars on current research or on another relevant topic.
Prerequisite(s): C or better in each of the following: CHEM 105-108, CHEM 301-303.
Notes: Offered in fall and spring.

CHEMISTRY

494. Department Seminar (0).

A department seminar program in which outside visitors present seminars on current research or on another relevant topic.

Prerequisite(s): C or better in each of the following: CHEM 105-108, CHEM 301-303.

Notes: Offered in fall and spring.

502. Instrumental Analysis (3).

A study of contemporary methods and techniques of analysis of inorganic and organic materials.

Prerequisite(s): A grade of C or better in all of the following: CHEM 313, CHEM 314, CHEM 301, CHEM 303.

Corequisite(s): CHEM 302, CHEM 304, CHEM 503.

Notes: Offered in spring.

503. Instrumental Analysis Laboratory (1:0:3).

Prerequisite(s): CHEM 303 and 314.

Corequisite(s): CHEM 502.

Notes: Lab Fee: \$40. Offered in spring.

504. Instrumental Data Interpretation (1:0:3).

Interpretation of spectral, chromatographic and electrochemical data.

Prerequisite(s): A grade of C or better in all of the following: CHEM 302, CHEM 304, CHEM 313, CHEM 314.

Corequisite(s): CHEM 502 and 503.

Notes: Lab Fee: \$40. Offered in spring.

515. Special Topics in Chemistry (3).

Topics in chemistry selected by the instructor.

Prerequisite(s): Junior status and permission of instructor.

Notes: Offered in spring or fall. May be retaken for additional credit.

517. Advanced Environmental Chemistry (4:3:3).

A course to develop an in-depth understanding of the molecular basis for contemporary environmental problems involving air, water, soil, energy generation, and toxic substances. Laboratory work requires demonstrated competence with advanced analytical instrumentation, field sampling, data analysis, and modeling.

Prerequisite(s): A grade of C or better in: CHEM 302, CHEM304, CHEM313, CHEM314.

Notes: Lab fee: \$40. Offered in fall.

521. Nutritional Biochemistry (3:3:0).

A comprehensive study of the biochemical and physiological fundamentals of nutrition.

Prerequisite(s): CHEM 301, CHEM 303 with C or better. Open to nutrition majors only.

Permission of instructor.

Notes: Offered in the fall and spring.

522. Nutritional Biochemistry Laboratory (1:1:3).

A laboratory course to be taken in conjunction with the nutritional biochemistry lecture course, CHEM 521.

Corequisite(s): CHEM 521.

Notes: Lab fee: \$40. Offered as needed.

523. Biochemistry I (3).

A study of the structure, chemistry and macromolecular interactions of biochemical systems; enzyme mechanisms and kinetics, bioenergetics, intermediary metabolism, principles of biochemical techniques and molecular genetics.

Prerequisite(s): A grade of C or better in all of the following: BIOL 203, BIOL 204, CHEM 302, and CHEM 304, all with a grade of C or better.

Corequisite(s): CHEM525.

Notes: Offered in fall.

524. Biochemistry II (3).

A study of the structure, chemistry and macromolecular interactions of biochemical systems; enzyme mechanisms and kinetics, bioenergetics, intermediary metabolism, principles of biochemical techniques and molecular genetics.

Prerequisite(s): A grade of C or better in the following: CHEM 323.

Notes: Offered in spring.

525. Biochemistry Laboratory Techniques (1:0:3).

Laboratory emphasizes modern biochemical techniques of protein purification, assaying enzyme activity and enzyme kinetics.

Prerequisite(s): CHEM 302 and CHEM 304 with a C or better.

Corequisite(s): CHEM 523.

Notes: Lab Fee: \$40. Offered in fall.

526. Advanced Investigative Biochemistry Laboratory (2:0:6).

An advanced lab course in advanced biochemical protein techniques. The work centers on laboratory investigations in an area of modern research interest that will require students to learn and to demonstrate a mastery of multiple protein techniques.

Prerequisite(s): C or better in each of the following: CHEM302, CHEM304, CHEM523, CHEM525.

Corequisite(s): CHEM524.

Notes: Lab fee: \$80. Offered in spring of odd years.

CHEMISTRY

527. Biochemical Toxicology (3).

An in-depth study of the biochemical, molecular, and cellular mechanisms through which toxicants alter cellular homeostasis, produce toxicity and alter organ function. Prerequisite(s): CHEM 523. Permission of the instructor.

Notes: Offered as needed.

530. Inorganic Chemistry (3).

An intermediate level study of atomic and molecular structure, bonding, crystals, coordination compounds and selected topics. Prerequisite(s): A grade of C or better in all of the following: CHEM 313, CHEM 314, CHEM 330, CHEM 332, CHEM 407, CHEM 409.

Corequisite(s): CHEM 408, 410 and 502.

Notes: Offered every even year in spring.

541. Chemical Kinetics (1).

An advanced course in the fundamental principles of chemical kinetics in homogeneous liquid and gaseous systems and at solid surfaces.

Prerequisite(s): CHEM 407 and 409.

Corequisite(s): CHEM 408, CHEM 410.

Notes: Offered as needed.

542. AB Initio Methods in Computational Chemistry (1:67:1).

An advanced course that focuses on the principles and techniques of ab initio computational chemistry--Hartree-Fock and density functionality. Students will use these methods to calculate a number of chemical thermodynamic properties.

Prerequisite(s): CHEM 302, CHEM 304, CHEM 407, CHEM 409.

Corequisite(s): CHEM 408, CHEM 410.

Notes: Offered as needed.

551. Research (3).

Prerequisite(s): CHEM 407, 409 and permission of instructor.

Notes: Lab Fee: \$40. Offered in fall, spring and summer. May be retaken a maximum of three times for additional credit.

552. Research (3).

Prerequisite(s): CHEM 551 or equivalent.

Notes: Lab Fee: \$40. Offered in fall, spring and summer.

553. Independent Study in Chemistry (3:0:9).

Directed advanced research.

Prerequisite(s): Permission of chair, Department of Chemistry and CHEM 552.

Notes: Lab Fee: \$40. Offered in fall, spring and summer.

560. Atomic Spectroscopy (1).

An advanced course that focuses on the principles and techniques of modern atomic spectroscopy, to include signal generation in atomic spectroscopy, signal-to-noise concepts, the range of techniques and instrumentation used in atomic spectroscopy, methods of analysis, and horizon techniques in atomic spectroscopy.

Prerequisite(s): CHEM 302, CHEM 313, CHEM 407, CHEM 502.

Notes: Lab fee: \$40. Offered in spring/even years.

561. Gas Chromatography (1).

An advanced course that focuses on the principles and techniques of modern gas chromatography, to include separation theory, stationary phases, column technology, GC inlets, injection techniques, detectors, thermodynamic retention modeling, and temperature/pressure effects.

Prerequisite(s): CHEM 302, CHEM 313, CHEM 407, CHEM 502.

Notes: Lab fee: \$40. Offered in spring/even years.

562. Molecular Spectroscopy (1).

An advanced course that focuses on the principles and techniques of modern molecular spectroscopy, to include signal generation in molecular absorption and luminescence spectroscopy, signal-to-noise concepts, the range of techniques and instrumentation used in molecular absorption and luminescence spectroscopy, methods of analysis and horizon techniques in molecular spectroscopy.

Prerequisite(s): CHEM 302, CHEM 313, CHEM 407, CHEM 502.

Notes: Lab fee: \$40. Offered in fall/even years.

563. Liquid Chromatography (1).

An advanced course that focuses on the principles and techniques of modern liquid chromatography, to include separation theory, instrumentation, stationary and mobile phases, column technology, injection techniques, detectors and chiral separations.

Prerequisite(s): CHEM 302, CHEM 313, CHEM 407, CHEM 502.

Notes: Lab fee: \$40. Offered in spring/odd years.

564. Mass Spectrometry (1).

An advanced course that focuses on the principles, techniques and applications of modern mass spectrometry, to include ion trap MS, electrospray LC/MS, time of flight mass spectrometry, ICP-MS and MALDI.

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Prerequisite(s): CHEM 502, CHEM 503.
Notes: Lab fee: \$40. Offered in fall/odd years.

565. Chemometrics (1).

A course in chemometric methods, theory and techniques.

Prerequisite(s): CHEM 313.

Notes: Lab fee: \$40. Offered in spring odd years.

566. Sample Preparation (1).

An advanced course that focuses on the principles and techniques involved in sample collection and treatment, including standard reference materials, sampling of mixtures, dissolution and digestion, extraction and dialysis, purge and trap, supercritical fluid extraction and flow injection analysis.

Prerequisite(s): CHEM 302, CHEM 313, CHEM 407, CHEM 502.

Notes: Lab fee: \$40. Offered in fall/odd years.

567. NMR Spectroscopy (1).

An advanced course in modern NMR Spectroscopy covering relaxation measurements, two-dimensional NMR techniques and multinuclear NMR.

Prerequisite(s): CHEM 408, CHEM 410, CHEM 502, CHEM 503.

Notes: Lab fee: \$40. Offered in fall even years.

570. Chemical Synthesis (2:0:6).

An advanced lab course in chemical synthesis and characterization. Emphasis is on specialized techniques for synthesizing organic and inorganic compounds.

Prerequisite(s): C or better in each of the following: CHEM 302, CHEM 304, CHEM 313, CHEM 314, CHEM 330, CHEM 332, CHEM 407 and CHEM 409.

Corequisite(s): CHEM502 and CHEM503.

Notes: Lab fee: \$80. Offered in spring/even years.

580. Laboratory Experimental Design and Preparation/Stockroom Procedures (1).

Development and selection of teaching materials that reflect concepts of content and emphasis in middle and secondary school science. Experimental and laboratory approaches, including use of microcomputer and video technologies.

581. Literature of Chemical Education/ Teaching Assistant Experience (1).

Explores the evolution of chemical education and chemical education research with special emphasis on current trends. Utilizing the participant-observed role, required participation in selected educational situations with emphasis upon development of observational

skills, ability to record relevant observations by means of written journals, skills in analyzing experiences identifying critical incidents and projection of events and consequences.

CHINESE (CHIN)

101. Elementary Chinese (4).

Notes: Lab Fee: \$25. Offered in the fall.

102. Elementary Chinese (4).

Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language.

Notes: Lab Fee: \$25. Offered in the spring.

201. Intermediate Chinese (3:3:1).

The four basic language skills will be emphasized (understanding, speaking, writing, and reading). Cultural material, whenever appropriate, will be included to augment class discussions.

Prerequisite(s): CHIN 102 or permission of instructor.

Notes: Lab Fee: \$20. Offered on demand.

202. Intermediate Chinese (3:3:1).

A continuation of the skills learned in Chinese 201. The study of Chinese culture is also emphasized.

Notes: Lab fee: \$20. Offered on demand.

COMMUNITY VOLUNTEER SERVICE (CMVS)

201. Introduction to Community Volunteer Service (3).

A study of the theoretical, historical, and practical aspects of volunteerism with emphasis on community service addressing regional problems and needs.

Notes: Offered on demand.

COMPUTER SCIENCE (CSCI)

101. Introduction to Computers and Information Processing (3:1.5:3).

This course provides an introduction to using computer systems. In the laboratory, students use microcomputers to learn software packages such as word processing, spreadsheets, database, and a web development system. In the lecture, general computer concepts are presented, issues relating to computers are considered, and the student learns to develop a web-based system using a

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manipulation language such as HTML and a scripting language such as Javascript.

Notes: Degree credit will not be given for both CSCI 101 and CSCI 105 or CSCI 101 and 110.

105. Introduction to Microcomputer Applications (1:0:3).

A course that is the laboratory component of CSCI 101/CSCI 110. The course is intended for transfer students who have completed the equivalent of the lecture component of CSCI 101/CSCI 110, but who need instruction in the laboratory component.

Notes: Degree credit will not be given for both CSCI 101 and 105 or CSCI 110 and 105.

110. Introduction to Computers and Programming (3:2:3).

An introductory course in which no prior computing or programming experience is assumed. This course is more appropriate than CSCI 101 for students with no prior programming experience who might take CSCI 207. It is also appropriate for students desiring a more technical course than CSCI 101.

Corequisite(s): MATH 101 or any course that requires MATH 101 as a prerequisite.

Notes: Degree credit will not be given for both CSCI 101 and CSCI 110 or CSCI 105 and CSCI 110.

151. Overview of Computer Science (3:2:2).

This course is oriented toward mathematics and science majors. A wide range of topics in Computer Science will be studied.

207. Introduction to Computer Science I (4:3:2).

An introduction to problem-solving methods, algorithm development, and a high-level programming language. Procedural and data abstraction are emphasized early in the course. Students learn to design, code, debug, and document programs using proper preprogramming techniques.

Prerequisite(s): CSCI 101 or 110 or 151 (110 or 151 recommended), or high school equivalent, and MATH 101 or any MATH course that requires MATH 101 as a prerequisite.

Notes: Students expecting to take CSCI 208 should take MATH 261 with CSCI 207.

208. Introduction to Computer Science II (4:3:2).

A continuation of CSCI 207. The course continues the development of procedural and data abstraction and introduces the student to elementary data structures (lists, stacks, queues, and trees), file structures, and algorithm analysis. Students design, code,

debug, and document programs using proper techniques.

Prerequisite(s): A grade of C or better in CSCI 207; MATH 261 or 300.

211. Introduction to Assembly Language and Computer Architecture (3).

A study of the basic techniques of assembly language programming and an introduction to the conventional machine level of computers.

The course includes the study of the function and operations of the assembler, the study of the architecture and operations of processors, and the interface to high-level languages.

Prerequisite(s): CSCI 208, MATH 261 or 300.

271. Algorithm Analysis and Data Structures (3).

The study of the structure of data and the efficient manipulation of such structure.

Algorithm analysis and design and the appropriate use of recursion are emphasized.

Prerequisite(s): A grade of C or better in CSCI 208; MATH 261 or 300, MATH 201 or 105.

The following one-hour courses, CSCI 291, 292, 293, 297, 391, 392, and 398 and provide students with a vehicle for learning a specific programming language. Each student must write a series of programs in the language, and be knowledgeable in the details of the language.

291. The COBOL Language (1).

Prerequisite(s): A grade of C or better in CSCI 208.

292. The FORTRAN Language (1).

Prerequisite(s): A grade of C or better in CSCI 208.

Notes: Offered on demand.

293. The C# Language (1).

Notes: Offered on demand.

294. Local Operating Systems and Programming Languages (1).

A course for students with transfer credit for a course in the principles and methods of programming. The course presents information about local computer systems that is necessary for the student to be able to use those systems effectively.

Prerequisite(s): Permission of Instructor.

Notes: Offered on demand.

297. The Ada Language (1).

Prerequisite(s): A grade of C or better in CSCI 208.

Students may not enroll in CSCI courses numbered

above 299 unless they have at least a 2.00 grade-point average, at least 54 semester hours and a grade of C or better in WRIT 102.

311. Computer Architecture and Organization (3).

An introduction to the concepts and methods of constructing the hardware and software of a computer system. The course emphasizes the study of the digital logic components, the microprogramming language that supports a machine language, and exposure to advanced computer architectures.

Prerequisite(s): A grade of C or better in CSCI 211.

325. File Structures (3).

The study of external storage devices and file organization techniques for such devices. The course includes an in-depth treatment of the space and time efficiency of each file organization studied.

Prerequisite(s): MATH 261 or 300, and a grade of C or better in CSCI 208.

327. Social Implications of Computing (2).

A study of the social influences of technology (computers) on society. Topics include computing ethics, professional responsibility, intellectual property, privacy, access, and the law.

Prerequisite(s): Junior standing and either a CSCI major or BADM/CIFS option or permission of the department chair.

340 A, B, C. Cooperative Educational Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests. Credit of 1, 2 or 3 semester hours for a minimum of 15, 30 or 40 hours per week for a minimum of 14 weeks. This course may not be counted as a Computer Science elective in the Bachelor of Science degree program in Computer Science. Co-op students are required to register for this course each semester they are working.

Prerequisite(s): 2.5 GPA and permission of the Chair of the Department of Computer Science and Quantitative Methods.

Notes: For Business Administration majors only. Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in Business Administration. A grade of S or U is recorded.

371. Theoretical Foundations (3).

Relations and functions; elementary graph theory; automata and language theory; computability theory.

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Prerequisite(s): MATH 261, CSCI 208.

381. Numerical Algorithms (3).

A survey of numerical methods for solving elementary mathematical problems. The course includes finding roots of equations, numerical integration and differentiation, interpolation and extrapolation, spline functions, and solving simultaneous equations.

Prerequisite(s): CSCI 208 and MATH 201.

Notes: Available on sufficient demand.

391. Programming in Visual Basic (1).

An introduction to the Visual Basic programming system.

Prerequisite(s): CSCI 271 or 325 or permission of instructor.

392. Programming in Java (1).

An introduction to the Java programming language.

Prerequisite(s): CSCI 271 or 325 or permission of the instructor.

398. Advanced C++ Programming (1).

Advanced C++ language topics and programming techniques not covered in previous courses.

Prerequisite(s): CSCI271 or CSCI 325.

411. Operating Systems (3).

A survey of the function of an operating system and the concepts necessary for the design of an operating system. Students are required to program a part of a subsystem.

Prerequisite(s): A grade of C or better in CSCI 211.

431. Organization of Programming Languages (3).

The study of different types of languages and the run-time behavior of programs. Students are introduced to language design and translation and are given a detailed treatment of lexical analysis.

Prerequisite(s): CSCI 211, 271 and 371.

440. Introduction to Computer Graphics (3).

The study of the geometry, mathematics, algorithms, and software design techniques of computer graphics. Students are required to program parts of a graphics application package.

Prerequisite(s): MATH 101 or 103 or 201, MATH 261 or 300, and a grade of C or better in CSCI 208.

444. Computer Graphics Concepts and Applications (3).

This course is to acquaint the student with

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significant uses to which computer graphics commonly is applied and to develop an understanding of 2D and 3D geometry used in computer graphics.

Prerequisite(s): A grade of C or better in CSCI 208 and in one of MATH 105, or 201 or 300.

Notes: Available on sufficient demand.

455. Network Processing (3).

An introduction to the concepts, configurations, and methods of communication between computer systems. Uses the OSI model to study the functions and implementations of network systems. Students are provided in-depth experience with several existing network systems, and study the problem of developing programs to operate across a network.

Prerequisite(s): CSCI 271 or 325.

461. Translator Construction (3).

A formal treatment of programming language translation and compiler design concepts. Students are required to write a compiler for a small block-structured language.

Prerequisite(s): CSCI 431.

Notes: Available on sufficient demand.

471. Undergraduate Research in Computer Science (3).

Students participate in scholarly research with a faculty member.

Prerequisite(s): Permission of department chair.

475. Software Engineering I (3).

The study of the basic principles of structured systems analysis and software requirements specification. Data flow diagrams, object-oriented analysis, and current charting techniques are emphasized in creating specification documents.

Prerequisite(s): CSCI 271, or 325, or 555.

476. Software Engineering II (3).

The study of formal software design principles emphasizing an engineering approach to the software development process. Students are required to participate in a team project. The project is the design, development, testing, and implementation of a software system.

Prerequisite(s): CSCI 475.

481. Special Topics in Computer Science (3).

An intensive investigation and analysis of a computer science problem or topic.

Prerequisite(s): Determined by the instructor.

Notes: Available on sufficient demand.

514. Control and Audit of Information Systems (3).

This course will study the design of internal controls necessary for information systems and the testing necessary to assure the data integrity of the system. Audit techniques, especially computerized audit software, will be analyzed and audit approaches designed.

Audit work plans and measures of asset safeguarding will be prepared and evaluated.

Prerequisite(s): ACCT 280 and MGMT 341 or MGMT 661.

Notes: Cannot be used as a BS in Computer Science Area VIII elective.

555. Database Processing (3).

The study of the fundamental concepts and principles of database systems and processing. Several database models are considered with emphasis on the relational model. The student creates, loads, and accesses a database using at least two existing database management systems.

Prerequisite(s): A grade of C or better in CSCI 208.

570. Parallel Computing (3).

Survey of the architectures and algorithms to support Parallel Programming. Students will learn to program a parallel system for a variety of problem topics.

Notes: Available on sufficient demand.

581. Special Topics in Computer Science (3).

A study of a topic in the area computer science.

Prerequisite(s): Permission of chair.

Notes: Course may be repeated for credit.

CRITICAL THINKING AND QUANTITATIVE REASONING (CTQR)

150. Quantitative Methods in Critical Thinking (3).

The basic quantitative skills, and their applications, necessary for critical thinking. Topics include: sets, logic, argument validation, probability, and basic statistics.

Notes: Degree credit will not be given for both MATH 140 and CTQR 150.

CRITICAL READING, THINKING, AND WRITING

201. Critical Reading, Thinking, and Writing (3).

Examines the language of critical thinking and argumentation and focuses on the connection

between writing and critical thinking, using critical reading and thinking as springboards for researched, argumentative writing assignments.
 Prerequisite(s): WRIT 101 with a grade of C or better and GNED 102.
 Notes: A grade of C or better is required in CRTW 201. Offered in the fall, spring, and summer.

DANCE APPLIED TECHNIQUE (DANA)

101. Beginning Modern Dance (1:2).

Notes: Lab fee: \$3. Offered in the fall and spring.

102. Intermediate Modern Dance (1:2).

Prerequisite(s): DANA 101 or equivalent.
 Notes: Lab fee: \$3. Offered in the spring.

104. Beginning Ballet (1:2).

Notes: Lab fee: \$3. Offered in the fall and spring.

105. Intermediate Ballet (1:2).

Prerequisite(s): DANA 104 or equivalent.
 Notes: Lab fee: \$3. Offered in the spring.

111. Modern Dance Ia (1:3).

Intensive course for the dance major in the fundamentals of modern dance.
 Prerequisite(s): Placement audition or permission of instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the fall.

112. Modern Dance Ib (1:3).

Continuation of materials in DANA 111.
 Prerequisite(s): DANA 111 or permission of the instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the spring.

121. Ballet Ia (1:3).

Intensive course for the dance major in beginning ballet technique.
 Prerequisite(s): Placement audition or permission of the instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the fall.

122. Ballet Ib (1:3).

Continuation of materials in 121.
 Prerequisite(s): DANA 121 or permission of the instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the spring.

DANCE APPLIED

211. Modern Dance IIa (1:3).

Intensive intermediate level modern dance techniques.
 Prerequisite(s): DANA 112 or permission of instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the fall.

212. Modern Dance IIb (1:3).

Continuation of materials in DANA 211.
 Prerequisite(s): DANA 211 or permission of instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the spring.

221. Ballet IIa (1:3).

Intensive transition to intermediate ballet.
 Prerequisite(s): DANA 122 or permission of the instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the fall.

222. Ballet IIb (1:3).

Intensive course in intermediate ballet techniques.
 Prerequisite(s): DANA 221 or permission of the instructor.
 Notes: Lab fee: \$3. May be repeated for credit. Offered in the spring.

230. Dance Training and Conditioning (1).

A training program for dancers and performing artists which provides sound principles and approaches to the development of a fitness level and body awareness appropriate for each person.
 Notes: Lab fee: \$3.

240. Tap Dance I (1:2).

Study and practice of the basic elements of tap dance and their use in simple combinations.
 Notes: Lab fee: \$3. Offered in the fall.

241. Tap Dance II (1:2).

A continuation of DANA 240 Beginning Tap Dance.
 Prerequisite(s): DANA 240 or permission of instructor.
 Notes: Lab fee: \$3. Offered in the spring.

244. Survey of Recreational Dance Forms (1:2).

A survey of folk, round and square, and social recreational forms of dance.
 Notes: Lab fee: \$3. Offered in the fall.

246. Social Dance (1:2).

Notes: Lab fee: \$3.

DANCE APPLIED/DANCE THEORY

251. Jazz Technique I (1:2).

Notes: Lab fee: \$3. Offered in the fall.

252. Jazz Technique II (1:2).

Prerequisite(s): DANA 251 or equivalent.

Notes: Lab fee: \$3. Offered in the spring.

258. World Dance Forms (1:2).

A study of the fundamental movement elements associated with a survey of world dance forms.

Notes: Lab fee: \$3. Offered in the spring.

311. Modern Dance IIIa (1:3).

Intensive advanced level modern dance technique.

Prerequisite(s): DANA 212 or permission of the instructor.

Notes: Lab fee: \$3. May be repeated for credit.

Offered in the fall.

312. Modern Dance IIIb (1:3).

Continuation of materials in DANA 311.

Prerequisite(s): DANA 311 or permission of the instructor.

Notes: Lab fee: \$3. May be repeated for credit.

Offered in the spring.

321. Ballet IIIa (1:3).

An intensive technique course for those who have excelled in intermediate ballet and require continuation of challenging work to either achieve or maintain advanced ballet technique.

Prerequisite(s): Permission of instructor.

Notes: Lab fee: \$3. May be repeated for credit.

Offered in the fall.

322. Ballet IIIb (1:3).

A continuation of DANA 321, Ballet IIIa.

Prerequisite(s): DANA 321 or permission of instructor.

Notes: Lab fee: \$3. May be repeated for credit.

Offered in the spring.

440. Dance Performance and Production: Dance Theatre (1:3).

Prerequisite(s): Audition.

Corequisite(s): Enrollment in one of the following: DANA 111,112, 121, 122, 211, 212, 221, 222, 311, or 312.

Notes: Lab fee: \$3. May be repeated for credit.

Offered in the fall and spring.

442. Senior Thesis Showcase (1:2).

Advanced exploration into the choreographic process; students create original work under faculty supervision and present that work in public performance.

Prerequisite(s): DANT 200, 301, and senior

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status.

Corequisite(s): DANA 311, 312, 321, or 322.

Notes: Offered in the fall.

DANCE THEORY (DANT)

110. Introduction to Dance (1).

An overview of the field of dance; benchmarks in the history of dance; professional career options; health and care of the dancer's body; the study of dance.

Notes: Designed for students entering/ considering serious study of dance. Offered in fall.

200. Improvisation (1:2).

Exploration of Laban principles of Time, Space, Weight and Flow through structured improvisations. Emphasis is placed upon conceptualizing the problem and the dancer's instantaneous response to various catalysts.

Prerequisite(s): One technique class.

Corequisite(s): One technique class.

Notes: Offered in fall.

201. Choreography I (3).

Exploration, experimentation, and manipulation of rudimentary dance ideas resulting in phrases and studies which have repeatable, recognizable form.

Prerequisite(s): DANT 200 and DANA 112, 211 or equivalent.

Notes: Offered in spring.

205. Music for Dance (3).

A study of the fundamental elements of music literature in relationship to the dynamics, rhythms, and intents of dance movement.

Notes: Offered in the fall.

206. Dance Production (3).

Dance production theory and application skills to enable one to be knowledgeable about the technical, organizational, publicity, and dance considerations demanded in small and large scale productions.

Notes: Lab Fee: \$10. Offered in the fall and spring.

298. Dance Appreciation (3).

A survey of the significant developments in dance in relation to the other arts from the prehistoric period through the 20th century.

Notes: Offered in fall and spring.

301. Choreography II (3).

Pre-classic music and modern art sources from selected time periods serve as stimuli for dance studies, solo, and small group dance pieces.

DANCE THEORY

Prerequisite(s): DANT 201.

Notes: Offered in spring.

331. Seminar: Career Planning in Dance (1).
Lecture, research, and discussion to introduce both immediate and life-long career options and planning for the Dance Major.

Prerequisite(s): DANT 111,112, 121, 122, or equivalent.

Notes: Offered variable times.

340. Cooperative Education Experience in Dance (3) (2) (1).

A cooperative education experience in a specified area of Dance that provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA of 2.5, junior status, permission of Chair.

Notes: A grade of S or U is recorded. Offered in fall, spring and summer.

372. Scientific Analysis of Dance (3:2:2).

The synthesis of the science of human motion and the art of dance as applied to the facilitation of excellence in performance and the reduction of dance injury.

Prerequisite(s): Completion of DANA 211 and 221 or equivalent.

Notes: Offered in fall.

385. Dance History: Primitive Cultures through 19th Century (3).

An analysis of dance from primitive cultures through the 19th century tracing its role as ritual, art form or popular entertainment within the social and political context of the time.

Prerequisite(s): Junior status.

Notes: Offered in fall.

386. Dance History: Twentieth Century (3).

The study of continuing and new trends in theatre dance forms in Western and Eastern cultures through live performance, visual, and print media.

Prerequisite(s): Junior status.

Notes: Intensive Writing course. Offered in spring.

391. Principles of Teaching Dance: Curriculum and Pedagogy (3).

Synthesizes curriculum practice K-12 in dance; design, development and evaluation.

Addresses specific instructional needs and techniques in diverse settings.

Prerequisite(s): Admission to Teacher Education. DANT 541 or 542, 543.

Corequisite(s): DANT 392, EDUC 390

Notes: Offered in the fall.

392. Field Experience in Teaching Dance (1:0:8).

This course uses laboratory experiences equivalent to 28 half days to lead dance education students through an exploration and examination of various research-based programs of instructional planning, methodology, classroom management, and evaluation of teaching and learning to complement content covered in DANT 391.

Prerequisite(s): Admission to Teacher Education.

Corequisite(s): DANT 391, EDUC 390.

Notes: Offered in the fall.

393-399. Special Topics in Dance (1, 2, or 3).

Extension of individual opportunities in dance beyond existing departmental curriculum limits.

Prerequisite(s): Junior status.

Notes: Offered in fall and spring.

401. Choreography III (3).

Experimentation in the nonliteral dance forms and choreographic techniques.

Prerequisite(s): DANT 301.

Notes: Offered in the spring.

430. Seminar: Contemporary Dance (2).

The observation, study, and critiquing of contemporary dance companies and choreographers in a live and videotaped setting.

Prerequisite(s): DANT 201; or permission of the instructor.

Notes: Offered in the fall.

490-499. Independent Study in Dance (1, 2, or 3).

An individually designed study specific to the aptitudes and interests of the student.

Prerequisite(s): Permission of Chair of Theatre and Dance.

Notes: Offered in the fall and spring.

541. Instructional Strategies: Creative and Recreational Dance (3:2:2).

The use of pedagogical principles for the conduct and organization of dance lessons in creative and recreational dance.

Prerequisite(s): One course in modern dance, DANT 200 or equivalent, DANA 244, or permission of instructor.

Notes: Offered in fall.

542. Instructional Strategies: Modern, Jazz, Ballet (3:2:2).

The use of pedagogical principles for the conduct and organization of dance lessons in modern, jazz and ballet.

Prerequisite(s): DANT 372 and three of the

DANCE THEORY/EARLY CHILDHOOD EDUCATION

following: DANA 112, 122, 211, 212, 221, 222, 311 and 312, or permission of instructor.
Notes: Offered in spring and summer.

543. Instructional Strategies: Dance Practicum (1:2).

An applied apprenticeship in teaching dance.
Prerequisite(s): DANT 541 or 542.
Notes: Offered in the fall, spring and summer.

598. Special Topics in Dance (1) (2) (3).

Extension of individual opportunities in dance beyond existing departmental curriculum limits.
Prerequisite(s): Permission of chair, Department of Theatre and Dance.
Notes: Offered in the fall and spring. May be retaken for additional credit.

EARLY CHILDHOOD EDUCATION (ECED)

109. Management and Supervision of Child Care Centers (2).

A study of the managerial principles, skills organization and operation of early childhood programs including supervision of staff and volunteers and program evaluation. Strategies to establish and maintain positive, collaborative relationships with families and the community will be devised. Students will learn about the growing opportunities for early childhood professionals in administering early childhood programs operated by corporations, agencies, governments and individuals as an avenue to contributing to a more successful business or service operation.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in fall and spring.

332. Introduction to Early Childhood Education (3).

A study of national early childhood models (N-3rd grade), day care, Head Start, and other preschool facilities; state and federal regulations and history, societal changes, and contemporary trends.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in fall and spring.

333. Creative Activities for Young Children (3).

A study of concepts and content including room arrangement in the early childhood curriculum, methods and materials for developing creativity, and a review of relevant research. Observation and participation in two or more of the following settings: day care

centers, private nursery schools, public schools, community agencies and the Macfeat laboratory school. Students will observe and work with children of diverse ages (infants, toddlers, preschoolers or primary school age), and with children reflecting culturally and linguistically diverse family systems. Follow-up conferences will be held with classroom teachers and college faculty.
Prerequisite(s): EDCI 336 and admission to Teacher Education Program.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in spring and summer.

391. Teaching Social Studies in Early Childhood Education (3).

A study of methods and materials in the teaching of early childhood social studies and a review of relevant research. Students will learn how to overcome cultural bias in a child care or classroom setting by including music, artwork, and a variety of culturally defined materials into the curricula. Students will apply the principles of planning, instruction, management, evaluation and professionalism in a variety of field placements in which young children are served.
Prerequisite(s): Admission to Teacher Education Program, ECED 333.
Corequisite(s): EDUC 390 & ECED 392.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in fall.

392. Field Experiences in Teaching Early Childhood Education (1:0:8).

Students will spend 8 hours per week in the classroom under the supervision of an early childhood education professor and will work with a mentor teacher, in preparation for the final internship experience.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): EDUC 390 and ECED 391.
Notes: A grade of S or U is recorded. Offered in fall.

432. Teaching Mathematics in Early Childhood Education (3).

This course is designed to prepare students to teach mathematics in grades preK-3. It includes the study of content, methods and materials, and a review of relevant research.
Prerequisite(s): ECED 332, ECED 333 and admission to teacher education.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in fall.

EARLY CHILDHOOD EDUCATION/ECONOMICS

433. Teaching Science in Early Childhood Education (3).

This course is designed to prepare students to teach science in grades preK-3. It includes the study of content, methods and materials, and a review of relevant research.

Prerequisite(s): ECED 332, ECED 333 and admission to teacher education.

Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in fall.

550. Special Topics in Early Childhood (3:3:0).

Current topics of concern and interest to early childhood caregivers, (teachers, headstart workers, family and children's service agencies etc.).

Notes: Inclusion of this course in a Program of Study requires the approval of the Program Area Committee.

ECONOMICS (ECON)

103. Introduction to Political Economy (3).

The economics approach to current social issues such as inflation, unemployment, and the national debt. This course is designed for non-business majors.

215. Principles of Microeconomics (3:3:0).

The economic behavior of individual decision-making units in society with development of the concepts of consumer choice and business firm behavior under different market conditions.

216. Principles of Macroeconomics (3:3:0).

Analysis of macroeconomic topics including the factors affecting economic growth, inflation and unemployment.

Prerequisite(s): ECON 215.

All ECON courses numbered above 299 have a prerequisite of junior status, an overall GPA of at least 2.00 and a C or better in WRIT 102.

315. Microeconomic Analysis (3:3:0).

Advanced analysis of microeconomic topics dealing with the consumer, the firm, market institutions and social welfare.

Prerequisite(s): ECON 215 and ECON 216.

316. Macroeconomic Analysis (3:3:0).

Advanced analysis of contemporary macroeconomic theory and policy including the factors affecting economic growth, inflation and unemployment.

Prerequisite(s): ECON 215 and ECON 216.

331. Public Finance (3:3:0).

Microeconomic analysis of governmental activity, taxation and welfare implications.

Prerequisite(s): ECON 215.

335. Money and Banking (3:3:0).

Analysis of financial markets, central banks and monetary policy.

Prerequisite(s): ECON 215 and 216.

343. Environmental Economics (3:3:0).

Environmental economics is the application of the principles of economics to the study of how environmental resources are developed and managed.

Prerequisite(s): ECON 103 or ECON 215 or ECON 216.

345. Labor Economics (3:3:0).

Analysis of labor market experience at both the macroeconomic and microeconomic levels.

Prerequisite(s): ECON 215.

350. Economic and Legal Environment of Organization (3).

Basic legal concepts and the judicial system with emphasis on business law.

415. Managerial Economics (3:3:0).

Applications of economic principles and methods of analysis to managerial decision making.

Prerequisite(s): ECON 215.

491. Internship in Economics (3).

The internship in economics provides opportunities for students to integrate course work into practical work settings. This course applies the academic and conceptual to the practical; students supervised by faculty will work a minimum of 150 hours during a semester of a summer term.

Prerequisite(s): 2.5 GPA and grade of C or better in at least two of these courses: ECON 315, ECON 316, ECON 331, ECON 335, ECON 345, ECON 415, ECON 521.

Notes: For Business Majors only. A grade of S or U is recorded.

503. Commercial Law (3).

The study of legal issues and problems in American business and commerce.

Prerequisite(s): ECON 350.

510. Sport Law (3).

The study of state and federal laws and regulations that control and impact professional and amateur sport activities.

Prerequisite(s): ACCT 280.

ECONOMICS/EDUCATION, CURRICULUM & INSTR/EDUCATION, GEN PROFESSIONAL

521. International Trade and Investment (3).
Theory and policy in international trade and investment with emphasis on the motives and mechanisms of international economic and financial transactions.
Prerequisite(s): ECON 215.

580. Wall Street Seminar (3).
This course provides lectures, panel discussions and site visits relevant to the world of business through the participation in a week-long seminar series in New York City and Washington, D.C.

EDUCATION AND CURRICULUM AND INSTRUCTION (EDCI)

331. Community Connections for Families (3).
This course involves the study of children, family development, and community resources. The collaboration of family and community resources to support the development of children and families is the focus of the course.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered fall and spring.

336. Young Children: Insuring Success (3).
Study of characteristics, needs, and appropriate service delivery systems which create success for young children and their families. This course will prepare professionals to consider such factors in meeting the needs of young children.
Prerequisite(s): EDUC 210 or PSYC 306.
Notes: Teacher candidates must attain a grade of "C" or higher and may not elect an S/U option. Offered in fall and spring.

EDUCATION, GENERAL PROFESSIONAL (EDUC)

110. Teachers, Schools and Society (3).
A survey course focusing on the foundations of education and expectations of the profession. Content includes historical, philosophical, legal and societal influences on schools.
Notes: This course cannot be taken for S/U credit. A grade of C or higher is required for Teacher Education students. Offered in fall, spring and summer.

175. Professional Field Experience (Teacher Cadet Program) (3).
Structured and supervised field experience for those exploring careers in teaching while in high school.
208

Prerequisite(s): High school Teacher Cadet program.

210. Nature and Nurturing of Learners I (3).
A study of the development of the learner through the lifespan, with emphasis on childhood and adolescence in the school setting. Topics include: physical, social, emotional, moral, language and cognitive development.
Prerequisite(s): EDUC 110.
Notes: This course cannot be taken for S/U credit. A grade of C or higher is required for Teacher Education students. Offered in fall, spring and summer.

250. Nature and Nurturing of Learners II (3).
A study of theories of learning and motivation, individual differences (including culture, ethnicity and gender), and their classroom application. Emphasis is on self-assessment of reflective practice, scholarship, and leadership.
Prerequisite(s): EDUC 210 and 2.5 GPA.
Notes: This course cannot be taken for S/U credit. A grade of C or higher is required for Teacher Education students. Offered in fall, spring and summer.

275. Integrating Technology to Support Teaching and Learning (2).
A methods course in which students learn to design instruction aligned with P-12 standards that uses technology to support teaching and learning. This course cannot be taken for S/U credit. A grade of C or higher is required for Teacher Education students.
Prerequisite(s): 30 hours, 2.5 GPA and an education major/minor.
Notes: Lab Fee: \$15. Offered in fall, spring and summer.

310. Working With Exceptional and Diverse Learners (3).
This course provides teacher education students with basic information concerning characteristics of, educational procedures for, and instructional needs of exceptional and diverse learners.
Prerequisite(s): Admission to Teacher Education Program and completion of EDUC 250 with a grade of "C" or better.
Notes: This course cannot be taken for S/U credit. Offered in fall, spring and summer.

390. Core Issues In Teacher Education (3).
The course includes content central to all students seeking teacher certification including classroom management, assessment and school law.
Prerequisite(s): Admission to Teacher

EDUCATION, GENERAL PROFESSIONAL/ELEMENTARY EDUCATION

Education.

Corequisite(s): Area Methods Course and Lab Designated by Major Area.

Notes: This course cannot be taken for S/U credit. Offered in fall.

450H. Education Honors Thesis (3).

Independent research of a topic in education requiring a command of research techniques and writing ability.

Prerequisite(s): Admission to Teacher Education and Honors Program.

Notes: Offered on request.

475. Internship in Reflective Practice (10:0:10).

The course will provide applied experiences for developing skills for the professional role of a teacher. Primary focus is on a field-based component of 60-65 full days.

Prerequisite(s): Completion of all methods courses and core courses except EDUC 490.

Full admission to Teacher Education Program.

Corequisite(s): EDUC 490.

Notes: Offered in fall and spring.

490. Capstone For Educational Leaders (2).

The course will allow students to explore current issues in education as they relate to the educational leader. Primary focus is on completion and presentation of a professional portfolio.

Prerequisite(s): Full admission to Teacher Education. Completion of all methods courses and core courses except EDUC 475.

Corequisite(s): EDUC 475 Internship in Reflective Practice.

Notes: Offered in fall and spring.

495. Special Topics in Education (1:3:0).

To identify specific problems and issues in education and to seek solutions through examination of current research and practice.

Prerequisite(s): Permission of instructor.

Notes: Offered on demand.

ELEMENTARY EDUCATION (ELEM)

293. Laboratory Experiences in Public Schools (3:1:2).

To provide direct teaching experiences with students under the supervision of a public school teacher.

Prerequisite(s): EDUC 110.

Notes: Offered in fall and spring.

341. Teaching Social Studies in the Elementary School (3).

The course is designed to prepare students to use the most up-to-date methods and

procedures in the teaching of social studies in the elementary school.

Prerequisite(s): EDUC 250 & Admission to Teacher Education. A grade of C or higher must be earned in each content course (15 hours): PLSC 201 OR ECON 103, GEOG 101, HIST 211 OR 212 OR 308, SOCL 201, AND ANTH 201.

Notes: A grade of C or higher must be earned in this course. Offered in fall and spring.

391. Principles of Teaching Grades K-6 (3).

The student will understand the process by which an educator plans long-range integrated units of instruction and which includes development of goals/objectives, selecting appropriate strategies and developing appropriate assessment instruments.

Prerequisite(s): Admission to Teacher Education Program.

Corequisite(s): EDUC 390 and ELEM 392.

Notes: Offered in fall.

392. Field Experiences in Teaching Grades K-6 (1:0:1).

The student will be able to apply principles of planning, instruction, management, assessment and professionalism in directed field-based situations involving differing numbers of learners, peers, parents and other adults.

Corequisite(s): EDUC 390 and ELEM 391.

Notes: A grade of S or U is recorded. Offered in fall.

431. Teaching Science in the Elementary School (3).

A study of : 1) the methods and materials of teaching science in the elementary school, 2) the relevant research on methods and materials; and 3) cognitive development.

Prerequisite(s): Admission to Teacher Education; EDUC 210/250; grades of C or better must be earned in PHYS 250/251 and BIOL 150/151 and GEOL 250/251.

Notes: Offered in fall and spring. A grade of C or higher must be earned in this course.

436. Teaching Mathematics in the Elementary School (3).

Methods course for elementary education and early childhood education majors.

Prerequisite(s): MATH 291, MATH 292 with a grade of C or better; Admission to Teacher Education

Notes: A grade of C or higher must be earned in this course. Offered in fall, spring and summer.

ENGLISH
ENGLISH (ENGL)

WRIT 101 is a prerequisite for all ENGL courses. WRIT 102 and a previous ENGL course are prerequisites for any 500-level ENGL course.

200. Introduction to Literary Genres (3).

Critical approaches to various literary genres, selected from poetry, drama, fiction, and film, with examples primarily from twentieth-century artists. ENGL200 will not count toward the English major.

Prerequisite(s): WRIT 101.

Notes: Offered in fall, spring, and summer.

201. Major British Writers Before 1800 (3).

Study of *Beowulf*, Chaucer, Shakespeare, Donne, Jonson, Milton, Dryden, Pope, Swift, and Johnson.

Notes: A student may not receive credit for both ENGL 201 and 203. Offered in fall.

202. Major British Writers After 1800 (3).

Study of Wordsworth, Browning, a nineteenth-century novel, Yeats, Joyce, and Lawrence.

Notes: A student may not receive credit for both ENGL 202 and 203. Offered in spring.

203. Major British Authors (3).

Study of selected major British authors from the medieval period to the present including Chaucer, Shakespeare, Milton, Swift, Wordsworth, Dickens, Browning, Yeats, and Joyce.

Notes: A student may not receive credit for both ENGL 203 and 201 or 202. Offered in fall, spring and summer.

205. World Literature Before 1700 (3).

Study of literary masterpieces by Plato, Sophocles, and Dante through the Renaissance.

Notes: A student may not receive credit for both ENGL 205 and 207. Offered in fall.

206. World Literature After 1700 (3).

Study of literary masterpieces by Voltaire, Goethe, Flaubert, Tolstoy, Mann, Camus, Borges, and Marquez.

Notes: A student may not receive credit for both ENGL 206 and 207. Offered in spring.

207. Major World Authors (3).

Study of selected major world authors including Sophocles, Dante, Goethe, Flaubert, Tolstoy, Mann, Soyinka, Mishima, and other world authors.

Notes: A student may not receive credit for both ENGL 207 and 205 or 206. Offered in fall, spring and summer.

209. American Literature Before 1860 (3).

Emphasis on literature of the Puritans, Franklin, Emerson, Thoreau, Hawthorne, and Melville.

Notes: A student may not receive credit for both ENGL 209 and 211. Offered in fall.

210. American Literature After 1860 (3).

Representative fiction and poetry from Emily Dickinson and Mark Twain to contemporary writers such as James Baldwin and Flannery O'Connor.

Notes: A student may not receive credit for both ENGL 210 and 211. Offered in spring.

211. Major American Authors (3).

Study of selected major American authors from the Puritans and the American Renaissance through Twain to the contemporary period.

Notes: A student may not receive credit for both ENGL 211 and 209 or 210. Offered in fall, spring, and summer.

300. Approaches to Literature (3).

Study of major critical approaches to literature including formalist, psychological, mythological, feminist, and postmodernist. Course also provides instruction and practice in literary research methods.

Prerequisite(s): Sophomore standing.

Notes: Restricted to English majors and minors. Intensive Writing course. Offered in fall and spring.

302. The Development of Modern English (3).

An introduction to the phonology, morphology, and syntax of Old, Middle, and Modern English.

Prerequisite(s): 6 semester hours of a foreign language.

Notes: Offered in fall.

303. Grammar (3).

Review of traditional grammar and introduction to transformational grammar.

Prerequisite(s): Grade of C or better in WRIT 102.

Notes: Primarily for students who are being certified to teach. Offered in fall and spring.

305. Shakespeare (3).

Study of 9 or 10 representative plays with emphasis on the tragedies.

Notes: Offered in fall and spring.

310, 311. Special Types of Literature (3) (3).

Concentration on one type, such as epic or satire, in interesting combinations of its use, past and present.

ENGLISH

Notes: Available on sufficient demand.

317. The Short Story (3).

Study of this genre including selected stories by American, Irish, British, and European masters.

Notes: Offered in odd years in the fall.

319. The British Novel (3).

Study of this genre including its beginnings in the 18th century and representative works to the present.

Notes: Offered in the spring of odd years.

320, 321. Recurrent Themes in Literature (3) (3).

Typical course titles: Biblical Themes in Literature; Coming of Age in 18th - to 20th-Century Fiction.

Notes: Available on sufficient demand.

323. The Nineteenth-Century American Novel (3).

Study of the nineteenth-century American novel, including works from Cooper, Hawthorne, Melville, Stowe, Twain, Howells, James, and Crane.

Notes: Offered in the fall of odd years.

324. The Twentieth-Century American Novel (3).

Study of the twentieth-century American novel, including works from the modern and contemporary periods.

Notes: Offered in spring of even years.

325. Dramatic Literature (3).

Study of selected plays from the medieval period to the present.

Notes: Offered in the spring of even years.

330. Women and Literature (3).

This course draws upon the entire body of writing (fictional and non-fictional) by and/or about women. In different semesters, it may focus on different themes, periods, genres, authors, or issues related to women.

Prerequisite(s): Writing 102.

Notes: Offered in the spring of odd years.

370. Literature and Film (3).

An examination of literature and film media based on the study of selected works.

Notes: Lab Fee: \$10. Offered in the fall of even years.

380. Literature of Science (3).

Selected readings from the literature of science with attention to language and style.

Notes: Offered in the spring of even years.

431, 432, 433. Academic Internship in English (1) (2) (3).

Practical experience in selected activities relating to skills gained in the major.

Prerequisite(s): 12 hours of ENGL (including English 300) and/or WRIT courses beyond WRIT 102 and a 2.5 GPA and permission of the Department Chair.

Notes: Open to majors only. Offered in fall and spring.

450. Honors: Selected Topics in English (3).

Required for departmental honors, this course may be taken after the student completes 18 hours in English.

Prerequisite(s): Approval of Department Chair and/or instructor and 18 hours of English.

Notes: Offered in fall and spring.

471, 472. Undergraduate Research in English (1) (2).

Students participate in scholarly research with a faculty member. Requires approval of Department Chair.

Notes: Offered in fall and spring.

491. Departmental Seminar (0).

Intended to assess the student's mastery of English coursework.

Prerequisite(s): Must be taken in the first semester of the senior year (after the student has earned 90 hours).

Notes: A grade of S or U is recorded. Offered in fall and spring.

501. Modern British Poetry (3).

Study of the chief British poets from Yeats, Pound, and Eliot to the present.

Prerequisite(s): One of the following: ENGL 202, 203, or graduate status.

Notes: Offered every odd year in the fall.

502. Studies in Non-Western Literature (3).

This course will focus on the major writers of the Non-Western World (Chinese, Japanese, Indian, Arabic, Islamic, and African).

Notes: Offered every odd year in the fall.

503. Major Victorian Writers (3).

Study of 19th-century British literature (poetry, non-fiction prose, and fiction) with emphasis on main currents of thought.

Prerequisite(s): One of the following: ENGL 202, 203, or graduate status.

Notes: Offered every odd year in the spring.

504. Modern American Poetry (3).

A survey of American poetry of the 20th century with emphasis on major poets such as Pound, Frost, Stevens, Williams, Bishop,

ENGLISH/ENGLISH EDUCATION

Brooks, Rich, and Levertov.

Prerequisite(s): ENGL 210, 211, or graduate status.

Notes: Offered every even year in the spring.

510. Topics in Literature, Language, and Rhetoric (3).

An examination of topics, issues, and methodologies. Course content will vary.

Notes: May be retaken for additional credit with permission of Chair, Department of English.

511. Chaucer (3).

Reading in Middle English of *The Canterbury Tales* and *Troilus and Criseyde*.

Prerequisite(s): One of the following: ENGL 201, 203, or graduate status.

Notes: Offered every even year in the spring.

512. Middle English Literature (excluding Chaucer) (3).

Survey of Middle English literature, exclusive of Chaucer, with emphasis on major genres and authors. Texts are taught predominately in Middle English.

Prerequisite(s): One of the following: ENGL 201, 203, or graduate status.

Notes: Offered every odd year in spring.

513. Milton (3).

Milton's poetry and representative prose, his life, and the background of the 17th century.

Prerequisite(s): One of the following: ENGL 201, 203, or graduate status.

Notes: Offered every even year in fall.

514. Elizabethan Literature (3).

A reading of poetry, prose narratives, drama, and critical theory of the English Renaissance. Shakespeare's poetry is included, but not his plays.

Prerequisite(s): One of the following: ENGL 201, 203, or graduate status.

Notes: Offered every even year in spring.

515. 20th-Century Southern Literature (3).

Study of major fiction, poetry, drama, and prose writers from the Nashville Fugitives to James Dickey.

Prerequisite(s): One of the following: ENGL 210, 211, or graduate status.

Notes: Offered every even year in fall.

518. African American Literature (3).

Chronological survey of the writings of African Americans with emphasis on contemporary writers.

Prerequisite(s): One of the following: ENGL 209, 210, 211, or graduate status.

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Notes: Offered every even year in spring.

520. 17th-Century English Literature (exclusive of Milton) (3).

Study of Cavalier and Metaphysical poets, important single figures (Donne, Marvell), and outstanding prose stylists.

Prerequisite(s): One of the following: ENGL 201, 203, or graduate status.

Notes: Offered every odd year in fall.

521. Restoration and 18th-Century English Literature (3).

A study of selected major works (excluding the novel) with some attention to dramatic comedy, satire, periodical essay, poetry, and biography.

Prerequisite(s): One of the following: ENGL 201, 203, or graduate status.

Notes: Offered every odd year in spring.

525. Studies in Irish Literature (3).

Study of Yeats, Joyce, and other Irish writers from the viewpoint of history, folklore, and mythology.

Prerequisite(s): One of the following: ENGL 201, 202, 203, or graduate status.

Notes: Offered in the fall of even years.

527. English Romantic Poetry and Prose (3).

Study of the major works of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

Prerequisite(s): One of the following: ENGL 202, 203, or graduate standing.

Notes: Offered in the fall of even years.

529. 20th-Century American Fiction and Drama (3).

Examination of representative fiction and drama with emphasis on writers such as Hemingway, Faulkner, Updike, O'Neill, Bellow, Warren, Heller, Ellison, and Irving.

Prerequisite(s): One of the following: ENGL 210, 211, or graduate standing.

Notes: Offered in the spring of odd years.

ENGLISH EDUCATION (ENGE)

391. Principles of Teaching English in Middle and Secondary Schools (3).

Study & application of skills of planning, instruction, management, and assessment of students in English. Includes a review of the ethical and legal responsibilities of English teachers.

Prerequisite(s): Admission to Teacher Education Program.

Notes: Offered in fall.

ENGLISH EDUCATION/ENVIRONMENTAL SCIENCES/FINANCE

392. Field Experience in Teaching English (1:0:8).

Students will spend a minimum of 8 hours per week in the classroom under the supervision of an English education professor and will work with a mentor teacher, in preparation for the final internship experience.

Prerequisite(s): Admission to Teacher Education Program.

Corequisite(s): ENGE 391, EDUC 390.

Notes: A grade of S or U will be recorded.

Offered in fall.

519. Adolescent Literature (3).

Study of literature appropriate for students preparing to teach at the secondary level with emphasis on literature written for adolescents.

Prerequisite(s): WRIT 101 and 102; minimum of sophomore status.

Notes: Offered in the spring.

591. Principles of Teaching English in Middle and Secondary Schools (3).

This course addresses specific instructional needs and techniques related to the teaching of English and is designed for students in the MAT program.

Prerequisite(s): Admission to Teacher Education Program.

592. Field Experience In Teaching English (1:0:8).

Students will spend 8 hours in the classroom under the supervision of an English Education Professor and will work with a mentor teacher, in preparation for the final internship experience.

Prerequisite(s): Admission to Teacher Education Program at graduate level.

Corequisite(s): ENGE 591.

Notes: A grade of S or U is recorded.

ENVIRONMENTAL SCIENCES/STUDIES (ENVS)

101. Introduction to Environmental Issues (3).

Case studies are used to explore the complexity of a set of environmental issues from multiple perspectives.

Notes: Offered in fall and spring.

461. Internship in Environmental Studies (1).

An opportunity for students to earn academic credit for experience gained through apprenticeship work under the supervision of a trained environmental professional.

Prerequisite(s): Overall GPA of 2.0, 2.0 GPA in major courses, and permission of program chair.

462. Internship in Environmental Studies (2).

An opportunity for students to earn academic credit for experience gained through apprenticeship work under the supervision of a trained environmental professional.

Prerequisite(s): Overall GPA of 2.0, 2.0 GPA in major courses, and permission of program chair.

463. Internship in Environmental Studies (3).

An opportunity for students to earn academic credit for experience gained through apprenticeship work under the supervision of a trained environmental professional.

Prerequisite(s): Overall GPA of 2.0, 2.0 GPA in major courses, and permission of program chair.

495. Independent Research in the Environment I (3).

Students participate in scholarly research with a faculty member.

Prerequisite(s): ENVS 101, Environmental Studies/Sciences major with at least Junior standing.

Notes: Offered in fall and spring.

496. Independent Research in the Environment II (3).

Students participate in continued scholarly research with a faculty member.

Prerequisite(s): ENVS 101, ENVS 495, Environmental Studies/Sciences major with at least Junior standing.

Notes: Offered in fall and spring.

510. Special Topics in the Environment (3).

A detailed examination of specific subjects in environmental issues, as chosen by the instructor.

Prerequisite(s): Permission of instructor.

Notes: Offered as needed. Maybe retaken for additional credit.

520. Senior Seminar in the Environment (3).

Student groups will explore diverse approaches to a selected environmental issue.

Prerequisite(s): ENVS 101, Environmental Studies/Sciences major with Senior standing.

Notes: Offered in spring.

FINANCE (FINC)

101. Personal Finance (3).

A very practical course that emphasizes the development of a personal financial plan to achieve goals and objectives.

FINANCE/FRENCH

311. Principles of Finance (3).

A survey course examining the fundamentals of financial decision making such as financial ratios, budgets, time value of money, loan determination, bond and stock pricing and capital budgeting.

Prerequisite(s): ACCT 280 and ACCT 281 or ACCT 601.

312. Intermediate Corporate Financial Management (3).

A case, lecture and computer application course. The emphasis in the course will be on the financial statements analysis, cash budgets, Performance statements, time value of money, and working capital management.

Prerequisite(s): FINC 311 Principles of Finance.

410. Sport Budgeting and Finance (3).

The use of revenue generating techniques will be applied to sports related organizations. Budgets and financial planning practices will be employed to manage sports businesses.

Prerequisite(s): ACCT 280.

491. Internship in Finance (3).

The internship in finance provides opportunities for students to integrate course work into practical work settings. This course applies the academic and conceptual to the practical; students supervised by faculty, will work a minimum of 150 hours during a semester or summer term.

Prerequisite(s): 2.5 GPA and must have completed FINC 312 and an additional Finance option course. For Business Majors only.

Notes: Will not satisfy the HLSM internship requirement. A grade of S or U is recorded.

498. Advanced Corporate Financial Management (3).

A case, lecture and computer application course. The emphasis in the course will be on the analysis of capital investment, long term financing, and risk/return analysis. The final examination will be an assessment test of Financial competencies.

Prerequisite(s): FINC 312 and one of the following: FINC 512, FINC 513, or FINC 514.

512. Financial Investments Management (3).

A practical investment course that focuses on portfolio management through the use of an investment simulation.

Prerequisite(s): Grade of C or better in FINC 311.

513. Banking and Financial Service Management (3).

The application of financial management

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techniques is employed to the economic and regulatory environment of banks and financial service companies.

Prerequisite(s): Grade of C or better in FINC 311.

514. International Financial Management (3).

The course examines factors that affect a company's financial management decisions in a global environment. Managerial finance in the multinational firm receives special attention.

Prerequisite(s): Grade of C or better in FINC 311.

FRENCH (FREN)

From time to time an additional course dealing with a special topic in French may be offered if sufficient student interest is indicated and a faculty member is available to teach the course. Consult the department chairperson about such a course.

101. Elementary French (4).

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

102. Elementary French (4).

Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language.

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

201. Intermediate French (3:3:1).

Students who have completed at least two years of French in high school with a grade of A or B are encouraged to enroll in FREN 201.

Prerequisite(s): FREN 102.

Notes: Lab Fee: \$20. Offered in fall and spring.

202. Intermediate French Conversation (3:3:1).

Prerequisite(s): FREN 102.

Notes: Lab Fee: \$20. Offered in the fall and spring.

203. Aller et Retour: A Short Tour to a French-Speaking Country (1).

Prerequisite(s): FREN 102.

Notes: Offered variable times.

205. Black Literature of French Expression (1).

Prerequisite(s): FREN 102.

Notes: Offered on demand.

208. French Canadian Short Stories (1).

Prerequisite(s): FREN 102.

Notes: Offered on demand.

210. Special Topics in Language and Culture (2).

Intermediate special topics course whose subject will vary. Among the topics will be French for business, the medical profession, etc.

Prerequisite(s): Completion of FREN 201.

Notes: Offered at variable times. May be taken for additional credit with permission of Chair, Department of Modern Languages.

250. Introduction to French Literature (3).

This course introduces students to literary terminology, genres and problems of reading/translation while systematically reviewing and refining language skills as encountered in French literature.

Prerequisite(s): FREN 201.

Notes: Offered variable times.

301. French Civilization and Culture (3).

Prerequisite(s): 6 hours of 200-level FREN.

Notes: Offered variable times.

310. Advanced Grammar and Composition (4).

Prerequisite(s): 6 hours of 200-level FREN.

Notes: Offered on demand.

313. Conversation (2).

Prerequisite(s): 6 hours of 200-level FREN.

Notes: Lab Fee: \$20. Offered variable times.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Cooperative education experience providing on-the-job training in a professional field related to a student's major or career interests.

Notes: Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in Modern Languages (French). A grade of S or U is recorded. For French majors only. Offered fall, spring and summer.

351. Phonetics (3).

Prerequisite(s): 6 hours of 200-level FREN.

Notes: Lab Fee: \$20. Offered variable times.

401. Survey of Francophone Literature (4).

A survey of the Literature of Francophone countries.

Prerequisite(s): At least 6 hours of 200-level FREN, including FREN 250.

Notes: Offered variable times.

499. Competency Exam (0).

Students must enroll for this exam after

FRENCH

completion of 18 hours above 102, no later than the second semester of the junior year, and before enrollment in any 500-level course.

Notes: A grade of S or U is recorded. Offered in fall and spring.

Prerequisite for all 500-level French courses: completion of 18 semester hours of French or equivalent or permission of the Department Chair.

510. Topics in Language and Literature (3).

The thrust of the course will vary, depending on student interest and faculty expertise.

Notes: May be retaken for additional credit with permission of chair, Department of Modern Languages.

513. Drama of the 17th-Century: Corneille, Racine and Moliere (3).

Notes: Offered variable times.

517. 18th-Century Literature (3).

Study of the major literary works of the French Enlightenment with some attention to historical, political and social, musical and artistic parallels.

Prerequisite(s): FREN 401 and 402.

Notes: Offered variable times.

523. Modern Novel (3).

A survey of major themes and developments in the modern French novel.

Prerequisite(s): FREN 401 and 402.

Notes: Offered variable times.

550. Medieval French Literature (3).

A study of the literary traditions of medieval France through an examination of works representing the major genres, writers and themes of the period.

Prerequisite(s): 18 hours of French or equivalent.

Notes: Offered variable times.

560. Writers of the French Renaissance (3).

An introduction to the major writers of the 16th-century whose texts forged new parameters in French literary expression.

Prerequisite(s): 18 hours of French or equivalent.

Notes: Offered variable times.

575. French Literature in Translation (3).

Readings and discussions of major works of French literature in English translation. A knowledge of French is not required. Course content can vary depending on the instructor. Prerequisite(s): Open to advanced undergraduates and graduate students.

Notes: Offered variable times. Undergraduate

FRENCH/GENERAL EDUCATION/GEOGRAPHY

French majors cannot use FREN 575 toward s the BA.

590. Contemporary France (3).

A survey of cultural, historical and intellectual development from the end of World War II to the present.

Prerequisite(s): 18 hours of French courses or permission of instructor.

Notes: Offered variable times.

593. Advanced Oral and Written Communication (3:3:0).

A course designed primarily for students who are able to understand, speak and write French but who wish to improve and strengthen these skills while moving toward more natural expression of modern French.

Prerequisite(s): 18 semester hours of French or permission of chair.

GENERAL EDUCATION (GNED)

102. The Human Experience: Who Am I? (3)

Students will find academic engagement and intellectual challenge through their own written and oral responses to mature interdisciplinary readings--readings that explore the "self" in four thought-provoking contexts.

GEOGRAPHY (GEOG)

101. Human Geography (3).

Human adjustment to the physical environment. The geographic factors in the distribution of population and the growth of civilization.

Notes: Offered in fall, spring and summer.

103. Geography of the Third World (3).

Examines characteristics of Third World nations and then surveys the nations of Latin America, Africa, and Asia. It is recommended that students taking 103 or 104 but not both, take 103.

Notes: Offered in fall.

104. Geography of Industrial Nations (3).

Surveys the physical, economic, and cultural characteristics of industrial nations with emphasis on linkages within the world system.

Notes: Offered in spring.

Prerequisite for all 300 level courses in Geography: Sophomore status or permission of the instructor.

301. The Geography of North America (3).

A regional study of Anglo-America with consideration of the relationships between the natural environments and social, political, and economic developments.

Prerequisite(s): Sophomore status or permission of the instructor.

Notes: Offered in fall.

302. Economic Geography (3).

Provides an introduction to elementary locational theory, analyzing the spatial structures of primary, secondary, and tertiary economic activities, and also explores major linkages in the global economy.

Prerequisite(s): Sophomore status or permission of the instructor.

Notes: Offered at variable times.

303. Geography of Africa (3).

Presents Africa's physical environment, it's socio-cultural diversity, it's colonial heritage, and it's economic development.

Prerequisite(s): GEOG 101 or GEOG 103.

Sophomore status or permission of the instructor.

304. Geography of the Middle East (3).

Surveys Southwest Asia and North Africa, a region commonly known as the Middle East and usually associated with arid climates, oil, Islam, Christianity, and Judaism.

Prerequisite(s): GEOG 101 or GEOG 103.

306. Geography of Latin America and the Caribbean (3).

Surveys the geographic and historic factors, which contributed to the present-day complexity of Central America, South America, and the Caribbean.

Prerequisite(s): GEOG 101 or GEOG 103.

Sophomore status or permission of the instructor.

Notes: Offered in summer.

310. Geography of the Carolinas (3).

The changing cultural and economic utilization of the two-Carolinas' environment. Historical and problem oriented. Field trip.

Prerequisite(s): Sophomore status or permission of the instructor.

Notes: Lab Fee: \$15. Offered in the spring.

325. Traveling Seminar in Geography (3).

Problem-oriented short course which visits selected locations in North America, Mexico, the West Indies, and Africa.

Prerequisite(s): Sophomore status or permission of the instructor.

Notes: Offered variable times.

350. Special Topics in Geography (3).

A course, either systematic or regional in approach, that deals in-depth with a subject in geography not included in the established curriculum.

Prerequisite(s): Sophomore status or permission of the instructor.

Notes: Offered variable times.

500. Global Environment and Sustainable Development (3).

Discusses the question of sustainability, a new economic agenda of development that seeks a balance with issues of environmental protection and social equity so that the short-term needs of our generation do not compromise those of the future.

Prerequisite(s): GEOG 101. Offered in the spring.

525. Traveling Graduate Seminar in Geography (3).

Problem-orientated short course, which visits selected locations in North America, Mexico or the West Indies, and Africa. Offered concurrently with GEOG 325.

Prerequisite(s): 6 hours of geography or permission of instructor.

Notes: Offered variable times.

GEOLOGY (GEOL)

A student may receive credit for only one of the following: GEOL 101 and 110 or 102 and 110.

101. Earth's Dynamic Surface (3:2:2).

An introduction to rocks and minerals and processes which affect the surface of the earth.

Notes: Lab Fee: \$40. A student may not receive credit for more than one of the following: GEOL 101; 110. Offered in fall and spring.

102. The Violent Earth (3:2:2).

A survey of earthquakes, volcanoes, and other catastrophic natural disasters with emphasis on their causes, effects, and human adjustments.

Notes: Lab Fee: \$40. A student may not receive credit for more than one of the following: GEOL102; 110. A student may receive credit for both 101 and 102. Offered in fall and spring.

110. Physical Geology (3).

An introduction to the major geologic processes which shape the earth.

Corequisite(s): GEOL 113.

Notes: A student may not receive credit for

GEOGRAPHY/GEOLOGY

GEOL 110 and 101, 102, or 120. Offered in fall, spring and summer.

113. Introductory Geology Laboratory (1:0:2).

Opportunity to examine and classify earth materials, produce, and use maps, simulate, and study erosional processes.

Corequisite(s): GEOL 110.

Notes: Lab Fee: \$40. Offered in fall and spring.

210. Historical Geology (3).

A study of the origin and evolution of the earth's crust, its major features and its occupants.

Notes: Offered in fall.

211. Historical Geology Laboratory (1:0:3).

This course offers opportunities to develop skills in many of the scientific methods used to discern and interpret earth's geological history and to study models of earth's evolution.

Prerequisite(s): GEOL 210 prerequisite or corequisite.

Notes: Lab Fee: \$40. Offered in the fall.

220. Oceanography (3).

An examination of the major features of the ocean and the chemical and geologic processes responsible for them.

Notes: Offered in spring.

250. Earth and Space Systems (3:3:0).

A survey of fundamental laws, principles and concepts of geology, meteorology, oceanography and astronomy. Restricted to ECED, ELED and SPED majors. Students may not receive credit for GEOL 250 and 101 or 102 or 110/113.

Prerequisite(s): PHYS 250/251.

Corequisite(s): GEOL 251.

Notes: Offered in fall and spring.

251. Earth and Space Systems Laboratory (1:0:3).

A laboratory to accompany GEOL 250.

Prerequisite(s): PHYS 250/251.

Corequisite(s): GEOL 250.

Notes: Lab Fee: \$40. Restricted to ECED, ELEM and SPED majors. Offered in fall and spring.

320. Marine Geology (3).

An examination of the geologic features and uses of the ocean floor. Emphasis on the methods used by marine geologists.

Prerequisite(s): GEOL 110 or 210.

Notes: Offered as needed.

GEOLOGY/GERMAN

330. Southeastern Regional Geology (3:2:2).
A study of the major geologic provinces and features of the southeastern United States with emphasis on their origin and history.
Prerequisite(s): GEOL 101, GEOL 110, GEOL 210 or permission of instructor.
Notes: Lab fee: \$80. Offered as needed.

335. Fundamentals of Geochemistry (3).
Investigation of reactions controlling the geochemistry of the earth's crust.
Prerequisite(s): CHEM 106.

340. Hydrogeology (3).
An environmentally based overview of the basic principles controlling the hydrologic cycle and the occurrence and movement of groundwater in a variety of geologic settings.
Prerequisite(s): CHEM 106 and GEOL 101 or GEOL 110.
Notes: Lab fee: \$40. Offered in spring.

351, 352, 353. Independent Study in Geology (2) (2) (2).
Directed study of diverse geological topics which extends individual opportunities beyond curriculum limits.
Prerequisite(s): Permission of the Department Chair and 6 hours of geology.
Notes: Offered in fall, spring and summer.

GERMAN (GERM)

101. Elementary German (4).
Notes: Lab Fee: \$25. Offered in fall.

102. Elementary German (4).
Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language.
Notes: Lab Fee: \$25. Offered in spring.

201. Intermediate German (3:3:1).
Prerequisite(s): GERM 102.
Notes: Lab Fee: \$20. Students who have completed at least two years of German in high school with a grade of A or B are encouraged to enroll in GERM 201.

202. Intermediate German Conversation (3:3:1).
Prerequisite(s): GERM 102.
Notes: Lab Fee: \$20. Offered in spring.

203. Hin und Zuruck(1).
A short tour to a German speaking country.
Prerequisite(s): GERM 102.

210. Special Topics in Language and Culture (2).
Intermediate special topics course whose subject will vary. Among the topics will be German for business, the medical profession, etc.

Prerequisite(s): Completion of GERM 201.
Notes: Offered variable times. May be retaken for additional credit with permission of Chair, Department of Modern Languages.

250. Introduction to German Literature (3).
A prerequisite to the 401-402 sequence; introduces German majors to literary terminology, genres, and problems of reading/translation while systematically reviewing and refining language skills as encountered in the literature.
Prerequisite(s): GERM 201.
Notes: Offered variable times.

280. The German Film (3).
Introduction to significant examples of foreign language cinema as an art form and as embodiments of the culture of German speaking countries.
Prerequisite(s): 6 hours of Intermediate German.
Notes: Offered variable times.

300. German for Business (3).
Introduction to German language and culture with emphasis on the business environment.
Notes: Knowledge of German not required. Offered variable times.

301. German Civilization and Culture (3).
Traces the cultural development of Germany with emphasis on the study of music, art, architecture, literature, ideas, and "daily life" in their historical context.
Prerequisite(s): 6 hours of 200-level German.
Notes: Offered variable times.

310. Advanced Grammar and Composition (4).
Prerequisite(s): 6 hours of 200 level courses.
Notes: Offered variable times.

313. Conversation (2).
Conversation.
Prerequisite(s): 6 hours of 200-level German.
Notes: Lab fee: \$20.

401. Survey of German Literature (4).
A survey of the literature of Germany.
Prerequisite(s): 6 hours of 200-level German, including German 250.
Notes: Offered variable times.

450. Honors: Selected Topics in German (3).

This course enables a qualified student of German to earn honors status by engaging in sustained research on a focused topic approved by an advisor. The research will be shared in the form of an honors thesis.

Prerequisite(s): Permission of Chair or instructor and 18 semester hours in German.

Notes: Offered in fall and spring.

499. Competency Exam (0).

Prerequisite(s): 18 hours above 102.

Notes: A grade of S or U recorded. Students must enroll for this exam after completion of 18 hours above 102, no later than the second semester of the junior year, and before enrollment in any 500 level course. Offered in fall and spring.

Prerequisite for all 500 level German courses: completion of 18 semester hours of German including German 499 or equivalent or permission of the Department Chair.

506. German Critical Thought and Thinkers (3).

Will introduce the student to the richness of critical thought found in the intellectual heritage of German speaking countries.

Notes: Offered variable times.

510. Special Topics in German Language and Literature (3).

Advanced seminar offers the faculty and students an opportunity to intensively investigate a single author, movement or genre in Austrian, German and Swiss literature.

Notes: Offered variable times. May be taken for additional credit with permission of Chair, Department of Modern Languages.

520. Interrelation of German Music and Literature (3).

Examines the important interrelation between word and music in Germany and Austria in the 18th-, 19th- and 20th-centuries.

Notes: Offered variable times.

575. German Literature in Translation (3).

Readings and discussions of major works of German literature in English translation. A knowledge of German is not required. Course content can vary depending on the instructor.

Prerequisite(s): Open to advanced undergraduates and graduate students.

Notes: Offered variable times.

580. Techniques of Translation and Interpretation (3).

Will introduce the advanced German students to techniques and stylistics of translation and

GERMAN/GERONTOLOGY

interpretation, essential skills necessary both for scholarship and for employment options with international agencies.

Notes: Offered variable times.

GERONTOLOGY (GRNT)

300. Introduction to Gerontology (3).

An integrated overview of the dominant forces affecting aging in human society. These include biological and health factors, psychological and social factors, economic and legal factors, cultural and political factors.

Notes: Offered variable times in fall.

301. Biology of Aging (3).

Study of the biological changes that accompany aging. The course examines the biological process of aging at a variety of levels ranging from molecular-cellular changes up to the physiology of whole organ systems.

Prerequisite(s): WRIT 102 and at least junior standing.

Notes: Offered in fall of even years.

Crosslisted with SCIE 301.

304. Death and Grief as Social Processes (3).

Analysis of these experiences as related to society's network of cultural values and organizational structures.

Prerequisite(s): SOCL 101 or SOCL 201 or permission of instructor.

Notes: Offered in fall and summer.

Crosslisted with SOCL 304.

305. Human Development in the Social Environment (3).

Study of social systems approach to understanding human behavior and development throughout the lifespan using a biophysical, psychological, and social multidimensional framework for assessing social functioning.

Prerequisite(s): PSYC 101, SCWK 201, ANTH 201, SOCL 201, and GRNT/SCIE 301 (may be taken concurrently) or permission of the Instructor.

307. Development II: Adulthood (3).

Development of human beings from adolescence to death.

Prerequisite(s): PSYC 101.

Notes: Crosslisted with PSYC 307.

440. Internship in Gerontology (3).

Special agency placement course.

Prerequisite(s): Minor in Gerontology or pursuing Gerontology certificate (minimum 80-hour placement), approval from coordinator of the program and GRNT 300.

HEALTH/HEALTH SERVICES MANAGEMENT

Notes: Offered in fall, spring and summer. A grade of S or U is recorded.

504. Sociology of Aging (3).

Analysis of the major social forces which affect aging and the ways modern society responds in planning for its elderly.

Notes: Cross-listed as SOCL 504. Offered in fall and summer.

HEALTH (HLTH)

234. Strategies for Teaching Health for the K-12 Physical Educator (3:3:10).

This course is designed to provide future physical educators strategies for teaching health and to provide an opportunity for application in the classroom setting.

Prerequisite(s): HLTH 300.

Notes: Offered in fall.

300. Personal and Community Health (3).

A study of health issues and problems as they relate to the individual.

Notes: Offered in fall and spring.

303. Methods of Teaching Health Education in Elementary School (3).

A methods course of study in Comprehensive School Health with emphasis on teaching strategies which develop elementary school children's ability to make intelligent, sound, personal and community health decisions.

Prerequisite(s): Admission to Teacher Education Program.

Notes: Offered in fall and spring.

305. Human Behavior in the Social Environment (3).

Study of social systems approach to understanding human behavior and development throughout the lifespan using a biophysical, psychological, and social multidimensional framework for assessing social function.

Prerequisite(s): PSYC 101, SCWK 200, ANTH 201, SOCL 201, AND SCIE/GRNT 301 (may be taken concurrently) or permission of instructor.

Notes: Cross-listed as SCWK 305.

All courses in the College of Education numbered above 499 have a prerequisite of junior status or permission of the dean of the College of Education.

500. Contemporary Health Problems (3).

A practical experience in the study of current health issues.

Prerequisite(s): HLTH 300 or equivalent.

Notes: Offered every other fall. Junior status.

501. Substance Abuse Education (3).

A study of substance abuse and an overview of current methods of treatment, education and prevention.

Prerequisite(s): PSYC 101 or SOCL 201 or HLTH 300 or permission of instructor.

Notes: Offered in spring. Junior status.

503. School Health and Health Education (3).

A methods course for secondary health instruction.

Prerequisite(s): HLTH 300 or permission of instructor.

Notes: Junior status.

506. Human Sexuality (3).

A study of the problems, questions and issues of human sexuality as they relate to personal health and well-being.

Notes: Offered in the fall and spring. Junior status.

507. Women's Health Issues (3).

A study of the problems, questions and issues of women's health as they relate to personal and community health and well-being.

Notes: Offered every odd fall. Junior status.

HEALTH SERVICES MANAGEMENT (HLSM)

200. Introduction to Health Services Management (3).

Overview of health care organizations and channels of distribution emphasizing reimbursement and the role of third party payers. International health and U. S. health care trends reviewed.

All HLSM courses above 299 have a prerequisite of junior status, an overall GPA of at least 2.00 and a C or better in WRIT 102.

300. Health Services Management (3).

HLSM 300 will investigate the evolving management structures of health care and health related organizations.

Prerequisite(s): HLSM 200 or permission of instructor.

302. Health Planning and Marketing (3).

Current status of changes in healthcare planning and marketing. Investigates the competitive healthcare market, the role of the physician, economic changes, the delivery of healthcare services, and physician relation strategies.

Prerequisite(s): HLSM 200.

Corequisite(s): MKTG 380.

HEALTH SERVICES MANAGEMENT/HISTORY

303. Legal Environment of Health Organizations (3).

Legal environment and considerations in health services organizations. Emphasis on contracts, torts, legal process, technological and ethical considerations. Special considerations for the health services manager. Case studies.

Prerequisite(s): HLSM 200.

491. Health Services Internship (3).

Full-time supervised work experience in a health care setting.

Prerequisite(s): To take HLSM 491 students must have a C or better in all previous HLSM courses.

492. Economics and Health Care Finance (3).

Environmental changes affecting healthcare funding channels. Trends and consequences of changing reimbursement. Cost management and internal financial structure, policies and procedures.

Prerequisite(s): HLSM 200, 300, ECON 215 and 216.

493. Seminar in Health Services Management (3).

Capstone course designed to integrate all subjects of health administration curriculum. A major paper will be prepared and presented on the topic of health care structure and behavior.

Prerequisite(s): HLSM 200, 300, 302, 303, 491 or permission of the instructor.

HISTORY (HIST)

101. World Civilizations to 1500 (3).

A survey of major civilizations of the world until about 1500.

Notes: Offered in fall and spring.

102. World Civilizations Since 1500 (3).

A survey of major civilizations of the world since about 1500.

Notes: Offered in fall, spring and summer.

211. United States History to 1877 (3).

A survey of political, diplomatic, economic, social, intellectual and ethnic developments through Reconstruction with attention to development of the Federal Constitution.

Notes: Offered in fall, spring and summer.

212. United States History Since 1877 (3).

A survey of political, diplomatic, economic, social, intellectual and ethnic developments since Reconstruction with attention to

development of the Federal Constitution.

Notes: Offered in fall, spring and summer.

Prerequisite for all 300 and 500 level courses in History: Sophomore standing or permission of the Chair, Department of History.

308. American Ethnic History (3).

A study of the experiences of Indians, Jews, European immigrants, African Americans, Chinese, Japanese, Mexicans and Puerto Ricans in the United States.

Notes: Offered variable times.

310. The History of Women in America (3).

Beginning with the colonial period and extending through the contemporary women's movement, this course will examine the role women have played in the development of American Society.

Notes: Offered variable times.

313. Native American History (3).

Survey of Native American History from ancient American to the present.

Notes: Offered variable times.

314. Colonial North America (3).

History of North America from initial contact between European and Indian peoples through the eve of the Revolutionary War. Particular attention will be devoted to examining the changing relationships between European, Indian, and African peoples as well as to the internal evolution of these diverse societies.

Notes: Offered variable times.

315. Civil War and Reconstruction (3).

A history of the coming of the American Civil War, the War itself and the ensuing Reconstruction period.

321. Southern Religious History (3).

A social and cultural history of religion in the South from the colonial era until the present day.

331. Asian Civilizations: Traditional Asia (3).

A survey of the history and culture of Asia from the earliest times to the fall of the traditional Asian empires about 1700.

Notes: Offered variable times.

332. Asian Civilizations: Modern Asia (3).

A survey of the history and culture of Asia from the coming of European power about 1500 until the present day.

Notes: Offered variable times.

HISTORY

337. History of Sub-Saharan Africa (3).

Study of the history of Black Africa from the beginnings of tribalism through the modern era.

Notes: Offered variable times.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For History majors only. Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in History. A student may not receive credit for both HIST 463 and HIST 340. A grade of S or U is recorded. Offered variable times.

343. European History from the Renaissance through the Age of Reason (3).

A study of political, intellectual and cultural developments from 1400 to 1789.

Notes: Offered variable times.

344. European History from the Age of Reason to the Versailles Settlement (3).

A study of political, social, economic, diplomatic and intellectual developments from 1789 to the end of World War I.

Notes: Offered variable times.

345. European History Since 1914 (3).

History of Europe since the beginning of the First World War, including the rise of fascism and communism, the Second World War and the Holocaust, the growth of the welfare state, the Cold War, and the collapse of communism, examined within the context of wide-ranging social and cultural change.

346. History of England to 1603 (3).

A study of the political, social, and economic developments in England from the coming of the Romans to the death of Elizabeth I.

Notes: Offered in fall.

347. History of England from 1603 to the Present (3).

A study of the history of modern England, with emphasis on her emergence as a great imperial power, from the accession of James I to the present.

Notes: Offered in spring.

350. Special Topics in History (3).

In-depth consideration of a specific topic of

particular concern within history. May be offered under various topics.

Notes: May be repeated for credit under different topics. Offered variable times.

351. Latin American History (3).

A survey emphasizing Iberian and pre-Columbian civilizations, colonial administration and society, the struggle for independence, and political, economic and social developments as independent nations.

Notes: Offered variable times.

352. History of United States-Latin American Relations (3).

This course offers an introduction to the history of political, economic, and cultural relations between Latin America and the United States from the early nineteenth century to the present. Since the years of independence, the United States and the Latin American countries have engaged in a variety of interactions, ranging from collaboration to open confrontation. This course seeks to expose the patterns of these relations as well as its new features.

355A. Traveling Seminar in History (1).

An introduction, overview, and indepth study of a particular country or region which will accompany a study tour of the same region.

Prerequisite(s): Permission from instructor required.

355B. Traveling Seminar in History (2).

An introduction, overview, and indepth study of a particular country or region which will accompany a study tour of the same region.

Prerequisite(s): Permission from instructor required.

355C. Traveling Seminar in History (3).

An introduction, overview, and indepth study of a particular country or region which will accompany a study tour of the same region.

Prerequisite(s): Permission from instructor required.

450. Honors: Selected Topics in History (3).

An independent inquiry in depth, into a selected topic in history.

Notes: Requires approval of Department Chairperson. Offered in fall and spring.

463. Academic Internships in History (3).

Notes: Open to majors only. Requires approval of Department Chairperson. A grade of S or U is recorded. Offered in fall, spring and summer.

HISTORY

471. Undergraduate Research in History (1).

An opportunity for undergraduate students to engage in intensive research in a historical topic under the guidance of a member of the history faculty.

Notes: Requires approval of Department Chairperson. Offered in fall, spring and summer

472. Undergraduate Research in History (2).

An opportunity for undergraduate students to engage in intensive research in a historical topic under the guidance of a member of the history faculty.

Notes: Requires approval of Department Chairperson. Offered in fall, spring and summer.

500. Historiography and Methodology (3:2:2).

Intensive study and practice in historical writing and research with an overview of historiography and the nature of the discipline of history.

Prerequisite(s): WRIT 102 and HIST 101, 102, 211 and 212 or permission of instructor.

Notes: Intensive writing and Intensive Oral Communication course. Offered in fall, spring, and summer.

505. History of South Carolina (3).

A survey of the development of South Carolina, emphasizing political, economic and cultural developments.

Notes: Offered variable times.

507. Cultural and Intellectual History of the United States (3).

A study of American thought and culture from the colonial era until the present day.

Notes: Course may be repeated for credit.

509. African-American History (3).

A survey of the experiences and contributions of blacks from the African origins to the present.

Notes: Offered variable times.

515. The United States as a World Power since 1898 (3).

A survey focusing on the principles of American foreign policy and their historical evolution.

Notes: Offered variable times.

518. A History of the Old South. (3).

A history of the Old South from its founding to the eve of Civil War.

Notes: Offered variable times.

521. The New South (3).

A study of Southern institutional development from Reconstruction to the present.

Notes: Offered variable times.

524. The Emergence of Modern America, 1877-1933 (3).

A study of industrialization, populism, urbanism, Social Darwinism, imperialism, Progressivism, World War I and its aftermath.

Notes: Offered variable times.

525. The United States since 1939 (3).

A study of political, social, economic, and diplomatic developments since 1939 with particular attention to the recent past.

Notes: Offered variable times.

527. The American Revolution (3).

Explores the origins, substance, and outcome of the American Revolution from the French and Indian War through the Federalist Era. Particular attention will be devoted to examining the different expectations that different segments of colonial society brought to the Revolution and the extent to which these hopes were realized by the creation of a New Nation.

Notes: Offered variable times.

530. World Environmental History (3).

A comparative examination of world environmental history.

Notes: Offered in fall and spring.

540. Ancient Greece and Rome (3).

A survey of the history of Greece and Rome from the first Bronze Age civilization on Crete to the barbarian migrations of the 5th-century A.D.

Notes: Offered variable times.

542. Medieval European History (3).

A study of European politics, society and culture from the fall of the Roman Empire to the 15th-century.

Notes: Offered variable times.

547. History of Modern Russia (3).

A survey of Russian history, focusing on events from the development of revolutionary movements in the 19th-century until the present.

Notes: Offered variable times.

548. History of Modern Germany (3).

History of Germany since the 1850s, including the rise of Bismarck, the unification of Germany, the First World War, Hitler, the Third Reich, the Holocaust, division between

HISTORY/HONORS/HUMAN NUTRITION

East and West in the Cold War, and reunified Germany's present-day dominate role in Europe.

550. Special Topics in History (3).

Advanced in-depth consideration of specific topics of particular concern within history. Notes: May be retaken for additional credit under different topics. Offered variable times.

551. The Middle East since Islam (3).

A survey of the history of the modern Middle East since the rise of Islam. Notes: Offered variable times.

552. South Asia since 1600 (3).

A survey of modern South Asia (India, Pakistan, Bangladesh, etc.) since 1600. Notes: Offered variable times.

553. China since 1600 (3).

A survey of the history of modern China since circa 1600 (since the Quing Dynasty). Notes: Offered variable times.

561. The History of the Caribbean (3).

The study of socioeconomic and political trends of the major islands in the Caribbean Sea from the colonial period to the present. Notes: Offered variable times.

HONORS (HONR)

201H-209H. Honors Symposium (1).

Selected topics courses offered fall and spring semesters for honors credit. Prerequisite(s): Sophomore standing.

360H. Summer Study Honors (3).

Sophomores, juniors or seniors may elect summer projects for Honors credit in a field of their interests under the direction of an instructor of their choice. The project may be off campus but must be approved by the instructor and the Honors Director in advance. This project may take the form of a course in reading, in which an examination would be administered in the fall.

450H. Thesis Research (3).

An in depth independent inquiry into a selected topic within the student's major program of study. Notes: Offered in fall, spring and summer.

560H, 561H. Individual Directed Study (3).

Juniors or seniors may elect individual directed study to be guided by an instructor of their choice in accordance with a plan

approved by the Honors Director.

Notes: A grade of S or U is recorded.

HUMAN NUTRITION (NUTR)

201. Investigative Science: Human Nutrition (4).

Students will learn how to carry out simple scientific investigations. Emphasis will be on investigative processes, rather than on scientific content. Students will design and execute controlled experiments or observations, analyze data, draw conclusions and write reports on their results.

Prerequisite(s): WRIT 102 and fulfillment of General Education mathematics requirement.

Notes: Offered in fall, spring, and summer.

221. Food and Nutrition (3).

Basic nutrition concepts applied to the needs of individuals, families and communities.

Notes: Offered in fall, spring, and summer.

320. Weight Control Through Diet and Exercise (2:1:2).

Lecture and laboratory designed to demonstrate principles of nutrition and exercise related to the control of body weight. (Same as PHED 320).

Notes: Offered in spring.

321. Food Composition (3).

Basic principles of food technology and nutrient composition of foods.

Prerequisite(s): NUTR 221.

Notes: Offered in fall and summer.

322. Food Composition Laboratory (1:0:3).

Basic food technology and food composition experiments conducted in laboratory.

Corequisite(s): NUTR 321.

Notes: Lab Fee: \$30. Offered in fall and summer.

326. Orientation to Dietetics (1:0:1).

History and development of the role of registered dietitians as participating members of the health care team.

Prerequisite(s): NUTR 221.

Notes: Offered in spring.

327. Medical Terminology (1).

Basic medical language used in scientific inquiry and health care environments.

Prerequisite(s): NUTR 221.

Notes: Offered in the spring and summer.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours.

Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For Human Nutrition majors only.

Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in Human Nutrition. A grade of S or U is recorded. Offered on demand.

370. Cultural Foods (3).

Historical, religious, and socio-cultural influences on the development of cuisine, meal patterns, eating customs, and nutrition status of various ethnic groups.

Prerequisite(s): NUTR 221.

Notes: Offered in spring.

371. Foundations in Foodservice Systems (3).

History of foodservice, types of operations, the systems approach, menu planning, development and implementation of projects on related topics.

Prerequisite(s): NUTR 321/322.

Notes: Offered in fall.

421. Human Nutrition (3).

Nutrient utilization and requirements in human beings throughout the life cycle.

Prerequisite(s): CHEM 106 and 108 and NUTR 221.

Notes: Lab Fee: \$10. Offered in fall.

427. Principles of Clinical Nutrition (3:2:2).

Introduction to the nutritional management of disease, medical terms, assessment, interviewing and counseling in clinical environment.

Prerequisite(s): NUTR 421, BIOL 305.

Notes: Lab Fee: \$10. Offered in spring.

450. Honors: Selected Topics in Food and Nutrition (3).

Preparation and execution of an honors project.

Prerequisite(s): 16 semester hours in NUTR courses and consent of faculty adviser.

Notes: Offered in fall and spring.

471. Quantity Food Purchasing, Production and Service (3).

Principles of menu planning, quantity food purchasing, production and service.

Prerequisite(s): NUTR 371

Corequisite(s): NUTR 472.

Notes: Offered in spring.

HUMAN NUTRITION

472. Quantity Food Purchasing, Production and Service Practicum (1:0:3).

Application of principles of food purchasing, preparation, service, equipment operation, recipe standardization, motion economy and work simplification.

Corequisite(s): NUTR 471.

Notes: Lab Fee: \$10. Offered in spring.

491. Internship Experience (3).

Provides training in a professional environment. Course may be repeated for credit; however, a maximum of 6 hours of internship experience credit may be applied toward the Bachelor of Science degree in Human Nutrition.

Prerequisite(s): Permission of the Department Chair.

Notes: A grade of S or U is recorded. Offered in fall, spring, and summer.

Courses numbered above 499 have a prerequisite of junior status (54 hours) or permission of the Chair of the Department of Human Nutrition.

520. Sports Nutrition (3).

Assessment of specific nutritional needs of intercollegiate and recreational athletes.

Prerequisite(s): NUTR 221.

Notes: Offered in spring.

520H. Sports Nutrition (3).

Assessment of specific nutritional needs of intercollegiate and recreational athletes.

Prerequisite(s): NUTR 427 and permission of chair, Department of Human Nutrition.

Notes: Offered in spring.

521. Nutrition and Metabolism (3).

Physiological and biochemical bases of nutrient utilization and energy metabolism.

Prerequisite(s): BIOL 305, NUTR 421, CHEM 521 and 522.

Notes: Lab Fee: \$10. CHEM 521/522 may be taken as a corequisite. Offered in fall.

522. Community Nutrition (3).

Nutritional studies of groups and community resources and programs providing nutritional services.

Prerequisite(s): NUTR 427 or permission of instructor.

Notes: Offered in fall and summer.

523. Food Science Principles (3).

Chemical and physical factors affecting food composition and quality.

Prerequisite(s): NUTR 321 and 322; CHEM 301 and 303 or equivalent; or permission of instructor.

HUMAN NUTRITION/INTEGRATED MARKETING COM/INTERIOR DESIGN

Corequisite(s): NUTR 524.
Notes: Offered in spring.

524. Sensory and Objective Evaluation of Foods (1:0:3).

Sensory and objective evaluation of food products prepared in the laboratory.
Corequisite(s): NUTR 523.
Notes: Lab Fee: \$30. Offered in spring.

527. Medical Nutrition Therapy (3).

Nutritional requirements and care of acutely ill individuals.
Prerequisite(s): NUTR 427; CHEM 301 and 303.
Notes: Offered in fall.

534. Seminar in Human Nutrition (3).

Contemporary issues, trends and research in human nutrition are discussed and evaluated critically. Special emphasis on assessment, evaluation and documentation of nutrition status.
Prerequisite(s): NUTR 427.
Notes: Offered in fall. Intensive Writing course.

551-569. Special Topics: Food and/or Nutrition (1, 2, or 3).

Individual student projects executed in the laboratory, library and/or in the community.
Prerequisite(s): Permission of department chair.
Notes: Offered in fall and spring.

572. Dietetics Management (3).

Analysis of the planning, organizing, directing, evaluating and controlling of resources in foodservice, community nutrition and medical nutrition therapy.
Prerequisite(s): NUTR 471 and 472 or equivalent.
Notes: Offered in spring.

576. Foodservice Systems Management Practicum (3:0:15).

Supervised practice in the application of management principles to technical and functional operations of various foodservice systems.
Prerequisite(s): NUTR 572 and ACCT 280; MGMT 321 or equivalent; and senior standing.
Notes: Lab Fee: \$10. Offered on demand.

INTEGRATED MARKETING COMMUNICATION (IMCO)

105. Introduction to Integrated Marketing Communication (1).

An introduction to the principles and practices

of integrated marketing communication, including attention to advertising, public relations and sales promotion.

Notes: Offered in fall.

475. Senior Seminar in Integrated Marketing Communication (3).

Integrative seminar in integrated marketing communication theory, practices and professional philosophy. Capstone course for integrated marketing communication majors.
Prerequisite(s): Senior standing, C or better in MCOM 341, MCOM 370, MKTG 435, MKTG 533 and 2.0 or higher GPA.
Notes: Offered in spring.

553. Special Topics in IMCO (3).

Prerequisite(s): Junior standing, 2.0 GPA and permission of instructor.
Notes: Offered variable times. May be retaken for additional credit.

INTERIOR DESIGN (INDS)

101. Interior Design Fundamentals (3).

An introduction to the profession and an investigation of the criteria by which design quality can be evaluated and applied to creative design.
Notes: Lab Fee: \$15. Offered in the fall.

201. Surface Design (3:7).

Principles of two-dimensional design for the embellishment of interior surfaces, products, and textiles.
Prerequisite(s): ARTS 101, 102.
Notes: Lab Fee: \$20. Offered in fall and spring.

231. Interior Design I: Residential (3:7).

Residential interiors with a focus on the individual/family and their requirements.
Prerequisite(s): INDS 101, 201; ARTS 101, 102, 120, 202, 220.
Notes: Lab Fee: \$20. Offered in fall.

232. Design Presentation and Media (3:7).

Introduction to communication methods used by the professional interior designer to produce interior plans, elevations, and perspectives.
Prerequisite(s): INDS 101, 201; ARTS 101, 102, 120, 202, 220.
Notes: Lab Fee: \$15. Offered in fall.

234. CAD for Interior Designers (3:7).

Basics of computer-aided drafting, including hardware, software systems, and operating systems and development of skills for creating

and plotting of interior design technical and presentation drawings.

Prerequisite(s): INDS 101, completion of Foundations Review.

Notes: Lab Fee: \$20. Offered in the fall.

241. Housing and Home Planning (3:2:2).

A study of housing types and usage with a special focus on light frame residential construction principles and techniques.

Prerequisite(s): INDS 234.

Notes: Lab Fee: \$20. Offered in spring.

242. Textiles for Interior Design (3).

Textile properties, usage, and performance relative to the use of textiles in the interior environment.

Notes: Offered in spring semester.

252. Lighting (3:3:0).

The study of lighting fundamentals for the built environment.

Prerequisite(s): INDS 231, INDS 232, INDS 234.

Notes: Offered in spring.

All INDS Studio courses (3:7) numbered above 299 have a prerequisite of junior status and the successful completion of the Specialization Portfolio Review or permission of the Chair of the Department of Art and Design.

320. Interior Design Project Documentation (2).

The study of interior design contract document production: working drawings, specifications, and construction documents for the interior designer.

Prerequisite(s): Sophomore Portfolio Review.

Corequisite(s): INDS 336.

Notes: Lab Fee: \$20. Offered in fall.

333. Interior Design II: Residential (3:7).

Advanced residential interior design.

Notes: Lab Fee: \$20. Offered in fall and spring.

336. Codes and Standards (2).

The study of Architectural Building Codes and Standards, state and local laws and ordinances, and federal laws used for the regulation of building construction, renovation, and interior design for fire safety, structural safety and health and safety.

Prerequisite(s): Sophomore Portfolio Review.

Corequisite(s): INDS 320.

Notes: Offered in fall.

337. Historic Interiors and Architecture: Pre-Classical through Neo-Classic (3:3:0).

Historic development of interiors and

INTERIOR DESIGN

architecture related to major styles from the Pre-Classical to Neo-Classic.

Prerequisite(s): ARTH 175, ARTH 176.

Notes: Offered in spring.

338. Historic Interiors and Architecture: Neo-Classic through Present (3:3:0).

Historic development of interiors and architecture related to major styles from Neo-Classic to 21st Century.

Prerequisite(s): ARTH 175, ARTH 176, INDS 337.

Notes: Offered in fall.

340. Cooperative Education Experience (3:1:3).

A cooperative education experience to provide training for the INDS major in a professional environment. A maximum of 6 hours of cooperative education may be applied toward the Bachelor of Fine Arts degree.

Prerequisite(s): Passing of Sophomore Portfolio Review.

Notes: Offered in fall, spring and summer.

344. Millwork Detailing (3:0:7).

Design of cabinetry and furniture for contemporary interiors.

Prerequisite(s): Passage of Specialization Review, INDS 320, INDS 333, INDS 336.

Notes: Lab Fee: \$25. Offered in fall.

432. Interior Design III: Commercial (3:7).

Space planning and design of interiors for offices, public areas and other commercial facilities.

Prerequisite(s): INDS 333.

Notes: Lab Fee: \$20. Offered in fall.

433. Interior Design IV: Commercial (3:7).

Space planning and design of environments used in retailing, hospitality and related non-office spaces.

Prerequisite(s): INDS 333, 343.

Notes: Lab Fee: \$20. Offered in spring.

443. Textile Design: Structural (3:7).

Principles of fabric design with woven structures.

Prerequisite(s): Permission of the instructor.

Notes: Lab Fee: \$20. Offered in fall and spring.

450. Honors: Selected topics in Interior Design (3).

Preparation and execution of an honors project.

Prerequisite(s): 16 semester hours in ARTH, ARTS, INDS courses, consent of faculty adviser, and permission of Chair, Department of Art & Design.

INTERIOR DESIGN/INT'L AREA STUDIES/ITALIAN/JAPANESE/LATIN/MANAGEMENT

Notes: A grade of S or U is recorded. Offered in fall. **JAPANESE (JAPN)**

481, 482, 483. Special Topics in Interior Design (1:2) (2:4) (3:6).

Extends individual opportunities in interior design beyond existing curriculum limits. Prerequisite(s): Permission of the Chair of the Department of Art & Design. Notes: Offered in fall, spring and summer.

484. Historic Preservation (3:0:7).

Planning, research and presentation of interiors designed in historical styles with an emphasis on historical preservation and research. Prerequisite(s): ARTH 175, ARTH 176; INDS 337, INDS 338. Notes: Lab Fee: \$25.

488. Senior Thesis (3:7).

The final assessment course for majors in interior design. Requires the development of a self-generated, comprehensive juried design project. Prerequisite(s): INDS 333, 432, 433. Notes: Offered in spring.

INTERNATIONAL AREA STUDIES (INAS)

425. Seminar in International Area Studies (3).

Interdisciplinary study of a contemporary multicultural, multinational, or global problem. Notes: Offered in fall and spring.

ITALIAN (ITAL)

101. Elementary Italian (4).

Elementary language requiring no previous experience. Basic skills of speaking, listening comprehension, reading and writing. Notes: Lab fee: \$25. Offered in fall.

102. Elementary Italian (4).

Basic skills of speaking, listening comprehension, reading and writing. Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language. Notes: Lab fee: \$25. Offered in spring.

101. Elementary Japanese (4).

Introduction to elementary Japanese language with emphasis on the four skills of conversation, comprehension, reading and writing. Notes: Lab fee: \$25. Offered in fall.

102. Elementary Japanese (4).

Introduction to elementary Japanese language with emphasis on the four skills of conversation, comprehension, reading and writing. This course is the continuation of JAPN 101. Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language. Notes: Lab fee: \$25. Offered in spring.

LATIN (LATN)

101. Elementary Latin (4).

Notes: Lab fee: \$25. Offered in fall.

102. Elementary Latin (4).

Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language. Notes: Lab fee: \$25. Offered in the spring.

201. Intermediate Latin (3).

Prerequisite(s): LATN 102 or equivalent study of the language. Students who have completed at least two years of Latin in high school with a grade of A or B are encouraged to enroll in LATN 201. Upon completion of LATN 201 with a grade of C or better (or S) such students will receive credit, but no grade for both LATN 101 and 102. Notes: Lab fee: \$20. Offered variable times.

MANAGEMENT (MGMT)

All MGMT courses have a prerequisite of junior status, an overall GPA of at least 2.00 and a grade of C or better in WRIT 102.

321. Principles of Management (3).

Comprehensive survey of the basic principles of management applicable to all forms of business.

325. Organizational Theory and Behavior (3).

Behavior in organizations, individual and group processes and behavior, and organizational processes including the work setting and planned changes.

Prerequisite(s): PSYC 101 and MGMT 321.

326. Operations Management (3).

Design and management of operations in manufacturing and services. Operations strategies, design of processes, facilities and work. Management of quality, inventories, projects, and schedules.

Prerequisite(s): QMTH 205.

341. Information Systems (3).

Concepts of information systems are presented. Technical foundations of information systems, processes for building and managing information systems, and systems that support management and the organization are covered.

Prerequisite(s): ACCT 280 and QMTH 205.

355. Business Communication (3).

Communications theory and practice required in business as related to individuals, small groups, and organizations.

422. Human Resources Management (3).

Contemporary theory and practice of human resource management with emphasis on the behavioral sciences approach.

Prerequisite(s): MGMT 321.

425. Training and Development (3:3:0).

Employee training and development is a central component of the human resource function. This course teaches students how to develop, implement and evaluate a training program.

Prerequisite(s): MGMT 321.

428. Management Seminar (3).

A survey of current issues in management with special emphasis on the integration of various management functions.

Prerequisite(s): MGMT 321, MGMT 325 and MGMT 326.

480. Business Policy (3).

Seminar in applied business, designed to integrate all subjects of business administration required for business administration majors. A component of the course will be devoted to the assessment of student understanding of the other required core business courses (Areas III, VI, and VII).

Prerequisite(s): FINC 311, MGMT 321, MKTG 380, MGMT 326, MGMT 341, MGMT 355.

Corequisite(s): ECON 350.

Notes: Open to senior majors in business administration.

MANAGEMENT/MARKETING

491. Internship in Management (3).

The internship in management provides opportunities for students to integrate course work into practical work settings. This course applies the academic and conceptual to the practical; students supervised by faculty, will work a minimum of 150 hours during a semester or summer term.

Prerequisite(s): 2.5 GPA and must have completed MGMT 325 and an additional Management option course. For Business Majors only.

Notes: BADM Majors only. Permission of instructor required. Will not satisfy the HLSM internship requirement.

523. Collective Bargaining and Labor Relations (3).

Recognition, negotiation and administration of labor agreements in the public and private sector. " Also covered is the bargaining process in general and human resource management in a union-free environment.

Prerequisite(s): MGMT 321.

524. Employment Law (3).

Private and public sector employment law with emphasis on labor relations, employment discrimination and current trends in the public policy of regulation of the employment relationship.

Prerequisite(s): MGMT 321.

526. Compensation and Benefits Analysis (3).

Planning, designing and controlling benefit and compensation systems integrating current knowledge on the relationship between work, reward and productivity. Philosophical, technical and legal issues will be addressed.

Prerequisite(s): MGMT 321.

529. International Management (3:3:0).

Cultural, legal and ethical context of international management. International strategic, operational, human resources and information systems management. Organization and control systems. Cross-cultural issues in communication, leadership, motivation, negotiation and teamwork.

Prerequisite(s): MGMT 321.

MARKETING (MKTG)

380. Principles of Marketing (3).

Survey of principles organizations use in marketing goods, services, ideas, and people. Hands-on integrated project using marketing concepts to help students see the interrelation and interdependence of various business

MARKETING/MASS COMMUNICATION

functions.

Prerequisite(s): ACCT 280.

381. Consumer Behavior (3:3:0).

Comprehensive survey of the basic concepts, methods, and models used in understanding, explaining, and predicting both individual and organizational buyer motivation and behavior. Prerequisite(s): MKTG 380.

382. Retailing (3:3:0).

Contemporary issues in retailing with emphasis on management, operations methods, and their retailing environment. Prerequisite(s): MKTG 380.

383. Professional Sales and Marketing (3:3:0).

Sales techniques, understanding human behavior, personal communication and persuasion skills in a face-to-face setting, self management, and career-path planning in sales and sales management. Prerequisite(s): MKTG 380.

481. Promotion Management (3:3:0).

Contemporary theory and practice of marketing communications including integration of promotion mix elements. Focus on planning/execution of advertising, PR, personal selling, sales promotion, POP, and electronic communications strategies. Prerequisite(s): MKTG 380.

482. Marketing Research (3:3:0).

Study of qualitative and quantitative marketing research methods and how various research techniques are used in marketing decision making. Students have an opportunity to conduct simple research studies. Prerequisite(s): MKTG 380, QMTH 205, 206.

489. Marketing Strategy (3:3:0).

A "Capstone" marketing course integrating buyer behavior, the marketing mix, economics, accounting, finance and the strategic marketing decision-making process under a variety of environmental conditions. Prerequisite(s): Senior standing is required and the following prerequisite courses must be completed: MKTG 381, FINC 311, and 3 of the following: MKTG 382, 383, 481, 482, 582.

491. Internship in Marketing (3).

The internship in marketing provides opportunities for students to integrate course work into practical work settings. This course applies the academic and conceptual to the practical; students supervised by faculty, will work a minimum of 150 hours during a semester or summer term.

Prerequisite(s): 2.5 GPA and must have completed MKTG 381 and an additional Marketing option course. For Business Majors only.

Notes: Permission of instructor required. Will not satisfy the HLSM internship requirement.

492. Field Experience in Marketing (3).

This field experience in marketing provides undergraduate students with the opportunity to integrate marketing course work into a practical, client-service context. Students will form an actual marketing organization and work together as a professional team to achieve a client's objectives. Close interaction with the client will be required, as will a formal presentation and demonstration of results.

Prerequisite(s): MKTG 380, MKTG 381, MKTG 481 and GPA \geq 3.0. Course also limited to MKTG or IM CO majors only.

581. Marketing for Global Competitiveness (3:3:0).

Prepares managers for the challenges of competing in a global marketplace. Prerequisite(s): MKTG 380.

582. Sales Management (3:3:0).

Sales force management including selection, training, compensation, motivation, and evaluation of the sales organization. Prerequisite(s): MKTG 380.

MASS COMMUNICATION (MCOM)

101. Mass Media and the Information Age (3).

Critical analysis of the media of mass communication, their content, the sources and biases of their content, limitations of the media and effects of the media. Primarily for non-majors.

Notes: Offered in fall.

205. Introduction to Mass Communication (3).

Introduction to the major fields of mass communication with emphasis on advertising, broadcasting, newspapers, magazines, and public relations, and the history of each. Notes: Offered in fall and spring.

241. Media Writing (3:2:2).

The study of and practice in writing for print and broadcast media.

Prerequisite(s): MATH 101 or 140, B or better in WRIT 101 or written permission of the department chair, 2.0 cumulative GPA and keyboard proficiency as tested by the

department.
Notes: Lab Fee: \$25. Offered in fall and spring.

302. International Communication (3).
Examination of the flow of information throughout the world, and the communication systems that deliver it both within countries and across international borders. Helps build appreciation of cultural diversity and how differences in culture, forms of government and information delivery systems affect worldwide communication.
Prerequisite(s): Junior standing.
Notes: Offered at variable times.

325. Broadcast Journalism (3:2:2).
Journalistic writing for the broadcast media with emphasis on writing and production procedures.
Prerequisite(s): Grade of C or better in MCOM 241.
Notes: Lab Fee: \$25. Offered in fall and spring.

331. Editorial Interpretation (3).
Analyzing topics and writing editorials, columns and other opinion articles for print and broadcast media with emphasis on persuasive use of language.
Prerequisite(s): C or better in MCOM 241 or permission of instructor.
Notes: Intensive Writing course. Offered at variable times.

333. News Editing (3:2:2).
Editing skills for the copy editor with emphasis on news judgment, news style, newspaper layout, legal considerations, and picture editing.
Prerequisite(s): C or better in MCOM 241.
Notes: Lab Fee: \$25. Offered in fall and spring.

340. Publication Production (3:2:2).
Production techniques and methods for printed publications with attention to communication theory and effects of printed pieces, typography, illustration and printing limitations and cost factors.
Prerequisite(s): C or better in MCOM 241 and 2.0 or higher GPA.
Notes: Lab Fee: \$25. Offered at variable times.

341. Advertising Principles (3).
Study of advertising theory and techniques in print and electronic media with emphasis on the relationship between marketing and the creative process.
Notes: Offered in fall and spring.

MASS COMMUNICATION

342. News Reporting (3:2:2).
Reporting principles and news writing techniques applied to writing publishable stories from campus and community sources; laboratory exercises.
Prerequisite(s): C or better in MCOM 241.
Notes: Lab Fee: \$25. Intensive Writing course. Offered in fall.

343. Feature Writing (3).
Techniques of writing feature stories for newspapers and magazines. Students will write stories for possible publication.
Prerequisite(s): C or better in MCOM 241 or permission of instructor.
Notes: Lab Fee: \$25. Intensive Writing course. Offered in spring.

346. Principles of Television Production (3:2:2).
Development, writing, direction and production of basic television program types; laboratory practice with student-written scripts.
Prerequisite(s): MCOM 241 with a C or better.
Notes: Lab Fee: \$25. Offered in fall and spring.

349. Advertising Copy and Layout (3:2:2).
Theory and practice of writing advertising copy for print and electronic media, conceptualizing television commercials and laying out print advertisements.
Prerequisite(s): MCOM 341 or permission of the instructor.
Notes: Lab Fee: \$25. Offered at variable times.

350. History of American Mass Media (3).
Development of American journalism and mass media and their relationship to American society with emphasis on socio-cultural and political aspects.
Prerequisite(s): HIST 212.
Notes: Offered variable times.

370. Public Relations Principles (3).
Study of communications to influence public opinion, solving public relations problems, practice in developing a public relations campaign.
Notes: Offered in fall and spring.

377. Community Journalism (3).
Study of non-metropolitan, grassroots press, with special emphasis placed on the role of the editor/publisher in the local community.
Prerequisite(s): Junior standing and 2.00 GPA.
Notes: Offered at variable times.

MASS COMMUNICATION

410. Mass Media Law (3).

Legal problems of defamation, privacy, copyright, obscenity, anti-trust, and the regulation of advertising and broadcasting. Prerequisite(s): Junior standing and a 2.00 GPA.

Notes: Offered in fall and spring.

412. Ethics and Issues in Mass Communication (3).

Ethical problems and issues in newspapers, broadcasting, broadcast journalism, advertising, and public relations. Career development information and strategies.

Prerequisite(s): Senior standing and 2.0 GPA.

Notes: Intensive Writing course. Offered in fall and spring.

425. Advanced Broadcast Journalism (3:2:2).

Study and practice of advanced methods for gathering, writing and editing broadcast news. Prerequisite(s): C or better in MCOM 241, 325 and 346.

Notes: Lab Fee: \$40. Offered in fall and spring.

441. Reporting Public Affairs (3).

Instruction and practice in reporting all areas of public affairs, including government and the courts. Use of precision journalism techniques and investigative reporting of special in-depth subjects.

Prerequisite(s): PLSC 202 and C or better in MCOM 241.

Notes: Intensive Writing course. Offered in spring.

444. Media Management (3).

Management theories and practices as applied to broadcast and print media organizations, unique characteristics of media organizations, operating philosophies, leading media organizations, legal issues and regulations, and related topics.

Prerequisite(s): 12 hours of MCOM and minimum 2.0 GPA or permission.

Notes: Offered at variable times.

446. Advanced Television Production (3:2:2).

Planning, writing and producing programming for television.

Prerequisite(s): C or better in MCOM 241, 325 and 346.

Notes: Lab Fee: \$40. Offered in fall and spring.

447. Broadcast Programming, Sales and Promotion (3).

Study of the importance of these critical areas in broadcasting and how they interact.

232

Prerequisite(s): C or better in MCOM 241.

Notes: Offered in fall.

450. Honors: Special Topics in Mass Communication (3).

An independent inquiry in depth into a selected topic in mass communication.

Prerequisite(s): Written proposal, 18 hours of MCOM and approval of the Department Chair.

Notes: Individually arranged.

461, 462, 463. Mass Communication Internship (1) (2) (3).

Practical applications of mass communication theory and skills through professional practice at newspapers, radio and television stations, advertising and public relations agencies and related sites supervised by department faculty.

Prerequisite(s): MCOM 241 and 6 hours from MCOM 325, 331, 333, 341, 342, 343, 346, 347, 348, 370, 377, 410, 425, 441, 446, 447 and 471 with a grade-point average of 2.0 or higher in these courses, or permission of Chair. Open only to mass communication majors.

Application to the department and approval by the department chair and Dean of the College of Arts and Sciences are required before registering for the course.

Notes: A student may not receive more than three hours credit in MCOM 461, 462, 463. A grade of S or U is recorded for these courses. Individually arranged.

471. Public Relations Writing and Production (3:2:2).

Preparing public relations messages, including news releases, public service announcements, press kits, audiovisual presentations, fliers, pamphlets, brochures, newsletters, direct mail, and corporate advertising. Planning special events and news conferences.

Prerequisite(s): MCOM 241 or 370 with a grade of C or better.

Notes: Lab Fee: \$25. Intensive Writing course. Offered in spring.

491, 492, 493. Independent Study (1) (2) (3).

Independent study guided by a faculty member.

Prerequisite(s): 18 hours of MCOM with a 3.0 or higher GPA and an overall 2.75 or higher GPA; written proposal and approval of Department Chair.

Notes: May be repeated. A grade of S or U will be assigned. Individually arranged.

495. Special Topics in Mass Communication (3).

Selected topics of current significance.

Prerequisite(s): Junior standing.

Notes: May be repeated for credit if topics vary. Offered variable times.

510. Magazine Editing and Production (3).
Theory and techniques of magazine editing and production; editorial objectives and formulas, issue planning, article selection, layout, illustration, typography, printing and circulation. Magazine project required.
Prerequisite(s): Junior standing and 2.0 GPA.
Notes: Offered at variable times

551-553. Special Topics in Mass Communication (1) (2) (3).
Prerequisite(s): Permission of instructor.
Notes: May be retaken for additional credit. May count only as elective hours for Mass Communication majors and minors. Offered variable times.

MATHEMATICS (MATH)

101. Precalculus Mathematics I (3).
Preparation for the study of calculus, including linear functions, polynomials, rational functions, exponential and logarithmic functions.
Prerequisite(s): Satisfactory score on Mathematics Department Placement Test.
Notes: Credit will not be allowed for MATH 101 and MATH 103. Offered in the fall, spring and summer.

103. Algebra and Trigonometry (4).
A semester course designed specifically for the students in science and mathematics majors to prepare for the study of calculus, including topics in MATH 101 and further study in trigonometry.
Prerequisite(s): High school Algebra II and a satisfactory score on the departmental mathematics diagnostic test.
Notes: Credit will not be allowed for MATH 103 and MATH 101. Offered in fall and spring.

104. Trigonometry for Calculus (1).
This course is designed to be taken concurrently with MATH 101 or MATH 201. Content includes basic properties and identities of trigonometry, Euler's formula, double angle identities and inverse functions.
Prerequisite(s): Permission of Mathematics Dept.
Corequisite(s): MATH 101 or MATH 201.
Notes: Offered in fall and spring.

105. Calculus for the Managerial and Life Sciences (3).
Calculus from a non-theoretical perspective,

MASS COMMUNICATION/MATHEMATICS

including rates of change, the derivative, maximizing and minimizing functions, exponential and logarithmic functions, indefinite and definite integrals.
Prerequisite(s): MATH 101.
Notes: Credit will not be allowed for MATH 105 and MATH 201. Offered in fall, spring and summer.

140. Introductory College Mathematics (3).
Elementary set theory and logic, counting, probability and statistics, including set operations, Venn diagrams, truth tables, conditional probability and the binomial and normal distributions.
Notes: Offered in fall, spring and summer.

141. Finite Probability and Statistics (3).
Elementary topics in probability and statistics, including descriptive statistics, the binomial and normal distributions, estimation, hypothesis testing, simple linear regression and correlation.
Prerequisite(s): MATH 101 or 140 or a course with MATH 101 as a prerequisite.
Notes: Offered in fall, spring and summer.

201. Calculus I (3).
Limits, continuity, and the definition of the derivatives; techniques of differentiation, graphing, maximum/minimum and related rate problems; definite integrals and the fundamental theorem of calculus.
Prerequisite(s): Successful score on the departmental diagnostic test, or MATH 103, or MATH 101 and MATH 104. MATH 104 may also be taken as a corequisite.
Notes: Credit will not be allowed for MATH 105 and MATH 201. Offered in fall, spring and summer.

202. Calculus II (3).
Applications of integration, transcendental functions, techniques of integration, improper integrals, sequences, series, and power series.
Prerequisite(s): MATH 201.
Notes: Offered in fall, spring and summer.

261. Foundations of Discrete Mathematics (3).
Introduction to various numeration systems, including binary and hexadecimal; elementary set theory, logic and combinatorics; recursion, mathematical induction, elementary matrix operations and Boolean algebra.
Prerequisite(s): MATH 101 or equivalent.
Notes: Offered in fall, spring and summer.

291. Mathematics for the Prospective Elementary Teachers: Grades 1-8 (3).
Theory and practice of elementary school

MATHEMATICS

arithmetic.

Prerequisite(s): MATH 140.

Notes: Restricted to Elementary, Middle-School, Special, and Early Childhood Education majors. Offered in fall, spring and summer.

292. Geometry for the Prospective Elementary Teacher (3).

Informal theory and practice of plane and solid geometry.

Prerequisite(s): MATH 291 or permission of the department chair.

Notes: Offered in fall, spring and summer.

300. Linear Algebra (3).

Matrices and the solution of systems of linear equations; elementary theory of vector spaces and linear transformations; determinants, eigenvalues, and eigenvectors.

Prerequisite(s): MATH 201.

Corequisite(s): MATH 202.

Notes: Offered in fall and spring.

301. Calculus III (3).

Conic sections and polar coordinates; vectors in two and three dimensions, including lines and planes; calculus of vector-valued functions; functions of several variables and partial derivatives.

Prerequisite(s): MATH 202.

Notes: Offered in fall and spring.

301H. Honors Calculus III (3).

Sequences, series and power series; conic sections; vectors in two and three dimensions, including lines and planes; calculus of vector-valued functions. Enrollment restricted to freshmen only.

Prerequisite(s): Satisfactory score on AP Calculus AB exam or permission of the Chair.

Notes: Offered in fall.

302. Calculus IV (3).

Applications of partial derivatives, Lagrange multipliers, multiple integration, line integrals, surface integrals, Green's theorem, the divergence theorem, and Stokes' theorem.

Prerequisite(s): MATH 301.

Notes: Offered in spring.

302H. Honors Calculus IV (3).

Functions of several variables, partial derivatives and their applications; Lagrange multipliers; multiple integration, line and surface integrals; Green's theorem, the divergence theorem and Stokes' theorem.

Prerequisite(s): MATH 301H.

Notes: Offered in spring.

305. Introduction to Differential Equations (3).

Techniques for the solution of first and second order ordinary differential equations, and linear systems of first order ordinary differential equations.

Prerequisite(s): MATH 202.

Notes: Offered in spring of alternate years.

340 A,B,C. Cooperative Education Experience (1), (2), (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours.

Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For Mathematics majors only. Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in Mathematics. Offered in fall, spring and summer.

351. Introduction to Modern Algebra (3:3:1).

Standard topics in the theory of groups and rings, including symmetric, dihedral, and cyclic groups, equivalence relations, integral domains, and group and ring homomorphisms. Emphasis is placed on the proper construction of mathematical proofs.

Prerequisite(s): MATH 300 and MATH 301.

Notes: Offered in spring.

355. Combinatoric Methods (3).

Applications of counting methods to mathematical modeling and problem solving.

Prerequisite(s): MATH 300.

Notes: Offered in spring of alternate years.

375. Optimization Techniques (3).

Mathematical modeling using linear programming and other methods of optimization.

Prerequisite(s): MATH 300 or MATH 261 or permission of the instructor.

Notes: Offered in spring of alternate years.

450H. Honors: Selected Topics in Mathematics (3).

In-depth study in a mathematical topic.

Prerequisite(s): 18 hours of MATH courses and permission of Chair or instructor.

Notes: Offered on request.

461. Academic Internship in Mathematics (1).

An opportunity for mathematics majors to earn credit for experience gained through applied work under the supervision of trained professionals.

Prerequisite(s): Math major with GPA of 2.5 or

MATHEMATICS

better and prior approval of department chair and dean.

463. Academic Internship in Mathematics (3).
An opportunity for mathematics majors to earn credit for experience gained through applied work under the supervision of trained professionals.

Prerequisite(s): Math major with GPA of 2.5 or better and prior approval of department chair and dean.

503. Vector Calculus (3).

Vectors, tensors, differential forms, covariant differentiation, curvature and elementary differential geometry.

Prerequisite(s): MATH 301.

Notes: " Offered on demand.

509. Real Analysis I (3).

Topics in the study of functions of a real variable, including limits, continuity, differentiability, sequences, series.

Prerequisite(s): MATH 522.

Notes: Offered in spring.

520. Foundations of Geometry (3).

Topics in Euclidean and non-Euclidean geometry, including incidence geometry, congruence, similarity, area theorems, circles and spheres.

Prerequisite(s): MATH 300.

Notes: Offered in fall.

522. Elements of Set Theory and Introduction to Topology (3).

Fundamentals of set theory and point-set topology, including functions, Cartesian products, topological spaces, open and closed sets, metric spaces, connected and compact spaces.

Prerequisite(s): MATH 351.

Notes: Offered in fall.

535. Numerical Analysis (3).

Analysis of algorithms, including polynomial approximation of real functions, numerical differentiation and integration and manipulation of matrices.

Prerequisite(s): MATH 300 and MATH 301 or permission of chair, Department of Mathematics.

Notes: Offered on demand.

541. Probability and Statistics I (3).

Probability theory from an axiomatic viewpoint, including combinatorics, discrete and continuous random variables and multivariate distributions.

Prerequisite(s): MATH 302.

Notes: Offered in fall.

542. Probability and Statistics II (3).

Statistical inference from a mathematical viewpoint, including the central limit theorem, point and interval estimation and regression.

Prerequisite(s): MATH 541.

Notes: Offered in spring of alternate years.

543. Introduction to Stochastic Processes (3).

A survey of stochastic processes and their applications to probabilistic modeling. Topics will include discrete and continuous time Markov processes, Poisson process and time-series analysis.

Prerequisite(s): MATH 300 and 541.

Notes: Offered in spring of alternate years.

545. Statistical Theory and Methods II (3).

Analysis of linear models, including both regression and ANOVA models. Contingency tables are also studied.

Prerequisite(s): MATH 541.

Notes: Offered alternate years in spring.

546. Applied Statistics for the Sciences (3).

Survey of statistical methodology applied to problems from the sciences with emphasis on the area of Health and Human Nutrition. Statistical tests will be reviewed and applied to current issues.

Prerequisite(s): MATH 141 or permission of instructor.

Notes: Offered in fall and summer.

547. Introduction to Categorical Models (3).

An introduction to the analysis of categorical data. Topics will include methods for comparison of binomial proportions, $r \times c$ contingency tables and logistic and loglinear modeling.

Prerequisite(s): MATH 542.

Notes: Offered in spring of alternate years.

550. Special Topics in Mathematics (3:3:0).

In-depth study of a mathematical topic.

Prerequisite(s): Permission of instructor.

Notes: This course may be repeated for credit under different topics. If this course is taken for graduate credit, additional research will be required.

551. Algebraic Structures (3).

Theory of rings and fields, with special attention to PID's, UFD's, Euclidean domains and modules.

Prerequisite(s): MATH 351 or equivalent.

Notes: Offered alternate years in fall.

MATHEMATICS EDUCATION/MODERN LANGUAGES EDUCATION

553. Theory of Numbers (3).

Divisibility, primes, congruences, special functions, continued fractions and rational approximations.

Prerequisite(s): MATH 351 or equivalent.

Notes: Offered in spring of alternate years.

MATHEMATICS EDUCATION (MAED)

391. Principles of Teaching Mathematics (3).

Study and application of skills of planning, instruction, management and assessment of students in mathematics. Includes a review of the ethical and legal responsibilities of mathematic teachers.

Prerequisite(s): MAED 548, Admission to Teacher Education Program.

Corequisite(s): MAED 392, EDUC 390.

Notes: A grade of S or U is recorded. Offered in fall.

392. Field Experience in Teaching Mathematics (1:0:8).

Students will spend a minimum of 8 hours per week in the classroom under the supervision of a mathematics education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): Admission to Teacher Education.

Corequisite(s): MAED 391, EDUC 390.

Notes: A grade of S or U is recorded. Offered in fall.

548. Secondary Math Curriculum and Pedagogy Issues (3:3:1).

A study of the secondary mathematics curriculum (7-12). This course addresses specific instructional needs and techniques related to the teaching of secondary mathematics concepts.

Prerequisite(s): Admission to Teacher Education Program.

Notes: Intensive Writing course. Offered in spring.

591. Principles of Teaching Mathematics (3:0:0).

This course addresses specific instructional needs and techniques related to the teaching of mathematics and is designed for students in MAT program.

Prerequisite(s): MAED 548, Graduate status and Admission Teacher Education Program.

Corequisite(s): MAED 592.

Notes: Offered in fall.

592. Field Experience in Teaching Mathematics (1:0:8).

Students will spend 8 hours per week in a public school under the supervision of a mathematics education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): MAED 548. Graduate status and Admission to Teacher Education Program.

Corequisite(s): MAED 591.

Notes: Offered in fall.

MODERN LANGUAGES EDUCATION (MLAN)

330 A, B, C. Language and Cultural Studies Abroad (3-6).

Under the direction of a Winthrop University professor, students pursue intensive studies of language at a foreign university. Excursions are organized to places of cultural interest.

Prerequisite(s): Completion of Fren/Span/Germ 101-102 or equivalent.

Notes: A=French; B=Spanish; C=German.

Offered in the summer and on demand.

350. Writing and Research in Foreign Literature (3).

Introduction to writing critical essays on French, German, and Spanish literature; including instruction and practice in locating, reading and writing critical essays.

Prerequisite(s): WRIT 102.

Notes: Offered variable times.

391. Principles of Teaching Modern Languages in Middle and Secondary Schools (3).

Study and application of skills of planning, instruction, management and assessment of students in Modern Languages. Includes a review of the ethical and legal responsibilities of modern language teachers.

Prerequisite(s): Admission to Teacher Education Program.

Corequisite(s): MLAN 392, EDUC 390.

Notes: Offered in fall semester.

392. Field Experience in Teaching Modern Languages (1:0:8).

Students will spend a minimum of 8 hours per week in the classroom under the supervision of a modern language education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): Admission to Teacher Education.

Corequisite(s): MLAN 391, EDUC 390.

Notes: A grade of S or U is recorded. Offered

MODERN LANGUAGES EDUCATION/MUSIC APPLIED

in fall.

One hour optional lesson for
BA and BME students \$275

503. Applied Linguistics (3:0:0).

Study of the systems underlying language acquisition and how to apply them in effective teaching and learning.

Notes: Offered on demand.

Music majors who study a secondary instrument register for MUSA 110 with the appropriate suffix. Non-majors who participate in ensembles may be permitted to register for MUSA 101 with the appropriate suffix, if space is available.

530 A, B C. Language and Cultural Studies Abroad (3-6).

Under the direction of a Winthrop University professor, students pursue intensive studies of language at a foreign university. Excursions are organized to places of cultural interest.

Prerequisite(s): Completion of FREN/SPAN/GERM 101-102 or equivalent.

Notes: A=French; B=Spanish; C=German. Offered in the summer and on demand.

Alphabetic suffixes for Applied Music Courses:

- A. Piano
- B. Organ
- C. Harpsichord
- D. Voice
- E. Violin
- F. Viola
- G. Cello
- J. String Bass
- K. Guitar
- M. Flute
- N. Oboe
- Q. Clarinet
- R. Bassoon
- S. Saxophone
- T. Trumpet
- U. Trombone
- V. Horn
- W. Euphonium
- Y. Tuba
- Z. Percussion

591. Principles in Teaching Modern Languages (3).

To give students a 4 hour per week classroom experience on different methodology by a Modern Language education professor.

Notes: Offered in spring and offered in the fall on demand.

Music Ensembles. Music Ensembles are open to all Winthrop University students, regardless of major. Auditions, where required, are scheduled during each registration period. Ensembles may be repeated for credit.

592. Field Experience in Teaching Modern Languages (1).

Students will spend 8 hours per week in a public school under the supervision of a modern languages education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): Graduate status. Admission to Teacher Education Program.

Corequisite(s): MLAN 591.

Notes: A grade of S or U is recorded.

151. Winthrop Glee Club (1:3).

A large, mixed ensemble which can also function as a Men's Glee Club and Women's Glee Club.

Prerequisite(s): Permission of the instructor is required even though there is no audition.

Notes: Offered in fall and spring.

152. Winthrop Chorale (1:4).

A 40-voice choir that tours throughout the Southeast. Two major concerts each year.

Notes: Auditions are held during Orientations and registrations. Offered in fall and spring.

MUSIC APPLIED (MUSA)

Applied Music Courses (1,2,3). Prerequisite: Completion of undergraduate entrance audition for music majors and minors. All students enrolled in applied music must attend the weekly noon recital and weekly repertoire class during the fall and spring semesters.

The following numbers are used for all major instruments and voice. All applied music is assigned through the Chair of the Department of Music: 111,112,211,212,311,312,411,412*

* May be repeated for additional credit.

Lab Fees for Applied Music courses are assessed as follows:

One hour lesson	\$150
One half-hour lesson	\$100

153. Jazz Voices (1:3).

Vocal jazz ensemble of 12 singers performing historic jazz and contemporary arrangements.

Notes: Audition required. Offered in fall and spring.

154. Chamber Singers (1:2).

A small vocal ensemble performing music drawn from five centuries, including Renaissance madrigals, Baroque cantatas, Classical church music, 19th-century partsongs, and contemporary music.

Prerequisite(s): Audition required.

Notes: Offered in fall and spring.

156. Chamber Wind Ensemble (1:3:0).

A select wind ensemble performing the

MUSIC APPLIED

standard repertory for wind and percussion band including repertory from the 20th century.

Prerequisite(s): Audition Required.

Notes: Offered in the fall and spring.

157. Symphonic Band (1:4).

A large wind and percussion ensemble that performs at least two formal concerts per year.

Prerequisite(s): Permission of the instructor is required.

Notes: Offered in fall and spring.

158. Wind Ensemble (1:2).

A select ensemble of wind and percussion instruments performing primarily new and demanding works for the medium.

Prerequisite(s): Audition required.

Notes: Offered in fall and spring.

159. Jazz Ensemble (1:3).

The jazz repertoire ensemble for large jazz bands.

Prerequisite(s): Audition required.

Notes: Offered in fall and spring.

160. String Ensemble (1:2).

An ensemble formed from available string players during any given semester. Practice outside the designated coaching sessions is required.

Prerequisite(s): Audition required.

161. Rock Hill Chamber Orchestra (1:3).

Performs chamber works for strings and other instruments.

Prerequisite(s): Audition required.

162. Jazz Combos (1).

Small group jazz setting of acoustic and electric instruments concentrating on the study and performance of improvisation in contemporary jazz and popular musical styles.

Prerequisite(s): Audition required.

Notes: Offered in fall and spring.

163. Percussion Ensemble (1:3).

A full percussion ensemble performing all styles of percussion literature from the standard repertoire and from other cultures.

Notes: Offered in fall and spring.

164. Flute Choir (1:2).

A full flute choir formed from available players during any given semester. Practice outside the designated coaching sessions is required.

Prerequisite(s): Audition required.

165. Brass Ensemble (1:2).

A full brass ensemble formed from available

players during any given semester. Practice outside the designated coaching sessions is required.

Prerequisite(s): Audition required.

166. Chamber Ensemble: Vocal (1:2).

Various small vocal ensembles formed from available singers during any given semester. Practice outside the designated coaching sessions is required.

Prerequisite(s): Audition required.

167. Chamber Ensemble (1:0:1).

Various chamber ensembles formed from strings, winds, percussion, guitar and keyboards during any given semester.

Prerequisite(s): Permission of the Chair.

168. Guitar Ensemble (1:2).

Various small guitar ensembles formed from available guitarists during any given semester. Practice outside the designated coaching sessions is required.

Prerequisite(s): Audition is required.

Notes: Offered in fall and spring.

169. Collegium Musicum (1:2).

A chamber ensemble formed from available players during any given semester performing a variety of early music on original instruments. Practice outside the designated coaching sessions is required.

Prerequisite(s): Audition required.

Notes: Offered in the fall.

171-172. Voice Class (1:2) (1:2).

An introduction to the fundamentals of singing with practical application of principles. Open to nonmajors.

181-182. Piano Class (1:2) (1:2).

Beginning courses in basic keyboard skills including reading from notation, scales, modes, improvisation, and harmonization.

Notes: Open to non-majors if space is available. Offered in fall and spring.

185. Guitar Class (1:2).

An introduction to the fundamentals of playing the guitar with practical application of principles.

271-272. Voice Class (1:2) (1:2).

Continued study of vocal fundamentals with emphasis on practical application.

Prerequisite(s): MUSA 172 or permission of the instructor.

281-282. Piano Class (1:2) (1:2).

A continuation of MUSA 181-182 but with

more emphasis on piano literature, sightreading, harmonization and transposition. Prerequisite(s): MUSA 182 or permission of the instructor.
Notes: Offered in fall and spring.

291. Woodwind Methods (1:2).
Basic techniques of playing and teaching woodwind instruments.

293. String Methods (1:2).
Basic techniques of playing and teaching stringed instruments.

295. Brass Methods (1:2).
Basic techniques of playing and teaching brass instruments.

297. Percussion Methods (1:2).
Basic techniques of playing and teaching percussion instruments.

331. Composition I (1-2).
A detailed study of composition designed to develop a basic skill or craft in the manipulation of musical materials. Extensive outside preparation.
Prerequisite(s): MUST 211 or consent of the instructor.

332. Composition II (2-1).
A continuation of the development of skills acquired in MUSA 331.
Prerequisite(s): MUSA 331.

370. Opera Production (1).
Participation and experience in an opera production. The work performed will vary with the semester.
Prerequisite(s): MUST 321 and audition or permission of the instructor.

431. Composition III (2-1).
A continuation of the development of skills acquired in MUSA 331-332.
Prerequisite(s): MUSA 332.

432. Composition IV (2-1).
A continuation of the development of skills acquired in MUSA 431.
Prerequisite(s): MUSA 431.

511. Score Reading (1-2).
Detailed study and analysis of musical scores to facilitate reducing scores to piano accompaniment.
Prerequisite(s): MUSA 282, MUST 212 and 507, or permission of the instructor.
Notes: May be re-taken for additional credit.

MUSIC APPLIED/MUSIC THEORY MUSIC THEORY (MUST)

100. Basic Musicianship (2).
Introduction to and application of the basic elements of music with study of durational and pitch-related concepts through visual and aural means. The entrance placement test determines enrollment.
Notes: Offered on demand.

111. Music Theory I (3).
An introduction to the basic concepts of music theory and the materials of music. Written and analytical applications.
Corequisite(s): MUST 113.
Notes: Offered in fall.

112. Music Theory II (3).
A continuation of and expansion on the techniques and materials of MUST 111. Written and analytical applications.
Prerequisite(s): MUST 111.
Corequisite(s): MUST 114.
Notes: Offered in spring.

113. Aural Skills I (1).
A course to develop aural skills for music theory, sight singing, and ear training.
Corequisite(s): MUST 111
Notes: Offered in fall.

114. Aural Skills II (1).
A course to develop aural skills for music theory, sight singing, and ear training. A continuation of MUST 113.
Prerequisite(s): MUST 113.
Corequisite(s): MUST 112.
Notes: Offered in spring.

121. Introduction to Music Technology (1:2:0).
An introduction to computer technology with emphasis on Music Technology, data management, and document preparation.
Notes: Offered in the fall, spring, and summer.

190. Introduction to Music Education (2:2:0).
An introduction to the music education profession including historical perspectives, introductory philosophical perspectives, and career orientation.
Notes: Offered in the spring.

203. Jazz Appreciation (3).
An introduction to the evolution, growth, and development of jazz in the U.S. from the nineteenth century to the present.
Notes: Does not count toward a music degree.

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211. Music Theory III (3).

An expansion of the techniques and materials of MUST 111-112 and their application to musical styles from Baroque through Romantic periods. Written and analytical applications. Prerequisite(s): MUST 112. Corequisite(s): MUST 213. Notes: Offered in fall.

212. Music Theory IV (3).

An expansion of the techniques and materials of MUST 211 and their application to musical styles from the Romantic to Contemporary periods. Written and analytical applications. Prerequisite(s): MUST 211. Corequisite(s): MUST 214. Notes: Offered in spring.

213. Aural Skills III (1).

A continuation of the aural skills begun in MUST 113-114. Prerequisite(s): MUST 114 or consent of the Instructor. Corequisite(s): MUST 211. Notes: Offered in fall.

214. Aural Skills IV (1).

A continuation of aural skills from MUST 213. Prerequisite(s): MUST 213 or consent of the Instructor. Corequisite(s): MUST 212. Notes: Offered in spring.

223. Accompanying (1:1:0.5).

Study of skills, sight reading, and styles required of keyboard accompanists. Vocal and instrumental accompaniments will be used. Prerequisite(s): Permission of instructor.

235. Diction for Singers: English and Italian (1:2).

Principles and practice of English and Italian diction in singing.

280-289. Special Topics in Music (1) (2) (3).

A series at the 200-level for special courses offered by the Department of Music on a one-time basis. Notes: Offered on demand.

298. Music Appreciation (3).

Introduction to the major historical periods, genres, works and styles in music literature from early times to the present. Notes: Not open to music majors.

305. History of Music to 1750 (3).

A survey of music history and literature of Western civilization from the beginnings to 1750.

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Prerequisite(s): MUST 111 and WRIT 102. Notes: Offered in fall.

306. History of Music from 1750-1900 (3).

A survey of music history and literature of Western civilization from 1750-1900. Prerequisite(s): MUST 111 and WRIT 102. Notes: Offered in spring. Intensive Writing course.

315. Music for the Classroom Teacher (3).

Methods and materials for teaching music in the elementary classroom. Prerequisite(s): Admission to Teacher Education Program. Notes: Not open to music majors. Restricted to Education majors. Offered in fall, spring and summer.

317. Basic Conducting (3:3:1).

An introductory course covering score analysis, manual technique in various styles, use of baton, and rehearsal procedures for both instrumental and choral ensembles. Prerequisite(s): MUST 212 and MUSA 282 or permission of the instructor. Notes: Offered in fall.

318. Intermediate Conducting: Choral/ Instrumental (3:4).

Continuation of MUST 317. Separate sections for choral and instrumental majors. Prerequisite(s): MUST 317 or permission of instructor. Notes: Offered in spring.

321-322. Opera Workshop (2:3) (2:3).

Laboratory class for development of skills in acting and singing on stage. Prerequisite(s): Audition and permission of the instructor. Notes: MUST 322 may be retaken for additional credit.

340. Cooperative Education Experience in Music (1-3).

A cooperative education experience in a specified area of music that provides on-the-job training in a professional field related to a student's major or career interests. Prerequisite(s): Overall GPA of 2.5, Junior status, permission of the Chair.

341. Marching Band Techniques (1).

Modern techniques for organizing and training marching bands; planning, drills, formations, shows and music. Notes: Offered every other year in the fall.

430-439. Special Topics in Music (1) (2) (3).

Prerequisite(s): Consent of the Chair of the Department of Music.

Notes: Offered as needed.

450. Honors: Selected Topics in Music (3).

Prerequisite(s): Consent of the Chair of the Department of Music.

Notes: Offered as needed.

501. Piano Literature (3).

A study of literature for the piano from its beginning through contemporary practices.

Prerequisite(s): MUST 306 or permission of the instructor.

503. Organ Literature (3).

A survey of representative organ works from the 16th through the 20th centuries.

Prerequisite(s): MUST 306 or permission of the instructor.

505. Opera Literature (3).

Historical development of opera with detailed study of selected operas.

Prerequisite(s): MUST 306 or permission of instructor.

506. Choral Literature (3).

A survey of choral literature from 1450 through the 20th century, with detailed analysis of representative masterworks.

Prerequisite(s): MUST 306 or permission of the instructor.

507. Music Since 1900 (3).

A study of styles, trends, systems and literature from about 1900 to the present, including neo-tonal, atonal, serial, electronic and experimental formats.

Prerequisite(s): MUST 306 and 212 or equivalent.

508. Standard Choral Repertory (3).

A survey of the standard choral repertory for high school singers. The class will analyze, sing and play excerpts from about 200 sacred and secular pieces in varying levels of difficulty (grade II through V).

Prerequisite(s): MUSA 282, MUST 212 and 507, or permission of instructor.

509. Art Song Literature (3).

A survey of European and American art song with emphasis on 19th and 20th century German and French literature.

Prerequisite(s): MUST 306 or permission of the instructor.

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511. Orchestration and Arranging (3).

Techniques and principles of scoring for strings, woodwinds, brass, percussion and chorus; arranging and adapting music for instrumental and/or choral groups.

Prerequisite(s): MUST 212 and any two of MUSA 291, 293, 295 or 297 .

512. Analytical Techniques (3).

A capstone course that assimilates aspects of music theory, harmony, analysis and aural skills needed for advanced courses in literature, history, performance and music education.

Prerequisite(s): MUST 212 and MUST 214, or graduate standing.

513. Counterpoint (3).

Study of contrapuntal techniques from the Renaissance to the present, emphasizing J.S. Bach. Writing projects include 16th-century and 18th-century inventions, canons and fugues.

Prerequisite(s): MUST 212 or permission of instructor.

514. History of Jazz (3).

An examination of jazz styles, including extensive study of several major figures. Students learn to distinguish the various styles through analysis of rhythmic, melodic, harmonic and instrumental differences.

Prerequisite(s): MUSA 306 or permission of the instructor.

515. Chamber Music Literature (3).

A survey of selected chamber music from the beginning through the present day. Includes a study of formal elements and aural recognition of representative works.

Prerequisite(s): MUSA 306 or permission of instructor.

516. Symphonic Literature (3).

An historical and chronological survey of symphonic literature from the pre-classic to the present, including a study of formal elements and aural recognition of representative works.

Prerequisite(s): MUSA 306 or permission of instructor.

518. Wind Literature (3).

A survey of the basic repertory for concert band and wind ensemble from the Renaissance to the present.

Prerequisite(s): MUST 212 and 507, or permission of instructor.

519. Vocal Pedagogy (3:3:0).

An introduction to the basic methodologies

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used in establishing good vocal technique; an overview of the historical perspectives as well as current vocal science. The course includes actual supervised practical experience.

Prerequisite(s): MUSA 112D, or permission of the instructor.

Notes: Offered in the fall and spring.

520. Piano Pedagogy (3).

Designed for prospective piano teachers. A survey of materials, educational principles and methods of teaching piano for individual and group lessons.

521. Composition for Music Education (2:2:1).

A course focusing on compositional processes from the 16th-century to the present.

Extensive work in the MIDI/computer music lab included.

Prerequisite(s): MUST 212 or permission of instructor.

Notes: Offered in fall.

523. Accompanying (1:1:0.5).

Study of skills, sightreading, and style required of accompanists. At least one song cycle or one instrumental sonata will be required.

Prerequisite(s): Permission of instructor.

531. Computer Music Technology I (3).

An introductory course to microcomputers and MIDI (Musical Instrument Digital Interface) hardware for the purpose of musical creativity.

Prerequisite(s): MUST 212 or permission of instructor.

532. Computer Music Technology II (3).

A continuation of the skills acquired in MUST 531 with more advanced practical applications.

Prerequisite(s): MUST 531 or permission of instructor.

535. Diction: English/Italian/Latin (1:2:0).

Principles and practices of English, Italian, and Latin diction for singers.

Prerequisite(s): MUSA 112D, or permission of the instructor.

Notes: Offered in the fall.

536. Diction: French/German (1:2:0).

Principles and practices of French and German diction for singers.

Prerequisite(s): MUSA 112D, or permission of the instructor.

Notes: Offered in the spring.

551-559. Special Topics in Music (1) (2) (3).

Prerequisite(s): Permission of chair, Department of Music.

Notes: Offered as needed.

561. Medieval/Renaissance Music (3).

An advanced study of the music of the

Western European tradition from 600-1600.

Includes history, genre studies, literature, analysis of scores and extensive listening.

Prerequisite(s): MUST 306 or permission of instructor.

562. Baroque Period Music (3).

An advanced study of the music of the

Western European tradition from 1600-1750.

Includes history, genre studies, literature, analysis of scores and extensive listening.

Prerequisite(s): MUST 306 or permission of instructor.

563. Classic Period Music (3).

An advanced study of the music of the

Western European tradition from 1750-1820.

Includes history, genre studies, literature, analysis of scores and extensive listening.

Prerequisite(s): MUST 306 or permission of instructor.

564. Romantic Period Music (3).

An advanced study of the music of the

Western European tradition from 1820-1900.

Includes history, genre studies, literature, analysis of scores and extensive listening.

Prerequisite(s): MUST 306 or permission of instructor.

590. Principles of Teaching Music: Elementary (3).

A methods course that addresses specific instructional needs and techniques for teaching general music in the elementary school.

Prerequisite(s): Admission to Teacher Education Program; MUST 212 and 317.

Notes: Offered in spring semester.

591. Principles of Teaching Music: Secondary (3).

A methods course that addresses specific instructional needs and techniques for teaching general music in the secondary school.

Prerequisite(s): Admission to Teacher Education Program; MUST 590.

Corequisite(s): EDUC 390.

Notes: Offered in fall semester.

592. Field Experience in Teaching Music (1:0:8).

Laboratory experience equivalent to 28 half-days designed to lead music students through an exploration and examination of various research-based programs of instructional planning, methodology, classroom management, and evaluation of teaching and learning.

Prerequisite(s): MUST 590.

Corequisite(s): MUST 591 and EDUC 390.
Notes: Offered in the fall.

PHILOSOPHY (PHIL)

201. Introduction to Basic Issues in Philosophy (3).

Overview of the major areas of philosophic inquiry.
Notes: Offered every semester.

220. Logic and Language (3).

Introduction to classical and contemporary logic with special emphasis upon the nature of language used in reasoning and argumentation.
Notes: Offered every semester.

225. Symbolic Logic (3).

An introduction to modern symbolic logic, including symbolization, truth-value analysis, semantic and natural deduction for propositional and quantificational logic. Appropriate for students in computer science, sciences and mathematics.
Notes: Offered variable times.

230. Introduction to Ethics (3).

Begins with an introduction to several of the primary theories in ethics like utilitarianism, egoism, deontology, etc. On this foundation, the course goes on to consider topics in applied ethics, such as abortion, human cloning, animal rights, drug legalization, world hunger, capital punishment, just war theory, etc.
Notes: Offered variable times.

300. The History of Philosophy from Plato to the Modern Age (3).

Study of the major Western philosophers.
Notes: Offered in spring.

303. Existentialism (3).

Introduction to the thought of the major existentialist thinkers, including Kierkegaard, Heidegger, Nietzsche, Tillich, Sartre and Camus.
Notes: Offered fall of alternate years.

305. American Philosophy (3).

Historical introduction to major United States philosophers from the eighteenth century to the present.
Notes: Offered variable times.

310. Theories of Knowledge (3).

An in depth survey of theories of knowledge. We consider the problem of skepticism and try to say what conditions must be met for one to

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know something. We explore, in detail, several contemporary approaches to justifying our knowledge of the external world.
Prerequisite(s): PHIL 201 or PHIL 300 or permission of instructor.
Notes: Offered in spring of alternate years.

315. Historical Developments in Moral Reasoning (3).

An in depth survey of the major developments in moral theories throughout the history of Western Civilization. We will investigate what moral philosophers have said about the rational development of a consistent and correct ideal of life, search for basic moral principles, and attempt to solve problems concerning the good and the bad, the right and the wrong.

320. Professional Ethics (3).

An examination of specialized standards of conduct and their justification as these standards relate to the traditional professions and to business. This course does not count towards the major.
Notes: Offered variable times.

340. Environmental Ethics (3).

Exploration of how we ought to live on earth, including our responsibilities to nonhumans and the planet. Although oriented toward questions of ethics, the course also addresses environmental policy issues by critically evaluating the moral presuppositions underlying policy recommendations. This course does not count towards the major.
Notes: Offered in fall of alternate years.

350. Special Topics in Philosophy (3).

In-depth consideration of a specific topic of particular concern in philosophy.
Prerequisite(s): PHIL 201 or PHIL 300 or permission of the instructor.
Notes: This course may be offered under various topics. May be repeated for credit.

370. Philosophy of Law (3).

This course is highly recommended for pre-law students as well as those with an interest in public policy issues. We will relate traditional themes of legal philosophy to the live concerns of modern society, covering a series of selections that raise the most important issues. The philosophical issues covered recur in specific problems about liberty, justice, responsibility, and punishment.
Prerequisite(s): PHIL201 or PHIL 300 or permission of instructor.
Notes: Offered variable times.

PHILOSOPHY/PHYSICAL EDUCATION

390. Philosophy of Religion (3).

An explication and analysis of the major philosophical issues involved in religious claims and commitments.

Prerequisite(s): 3 hours of Philosophy or consent of the instructor.

Notes: Offered fall of alternate years.

450. Honors: Selected Topics in Philosophy (3).

An in-depth independent inquiry into a selected topic in philosophy.

Prerequisite(s): Permission of the Chair.

Notes: Offered variable times.

498. Senior Seminar in Philosophy (1).

An advanced capstone seminar for graduating seniors emphasizing an examination of selected current topics and issues in philosophy. The course will include the assessment of core skills and knowledge from the major.

Prerequisite(s): For Philosophy and Religion majors only.

Notes: Offered in spring.

550. Special Topics in Philosophy (3).

An in-depth consideration of a specific topic of concern in philosophy. The course may be offered under various topics.

Prerequisite(s): Permission of the instructor.

Notes: Offered in fall, spring and summer.

Maybe retaken for credit under different topics.

PHYSICAL EDUCATION (PHED)

101. Introduction to Physical Education (3).

This course provides an overview of the field of physical education and related subdisciplines. The course is intended for physical education majors and encompasses an examination of the student's personal strengths/weaknesses related to the various areas of physical education.

Notes: Offered in fall.

106. Tai Chi (1).

This course will teach the fundamentals of the ancient Chinese martial art of Tai Chi Chuan including basic posture, 12 and 72 movement forms, and push hands. The type of Tai Chi Gua, and Xing Yi, and has roots in the art of Chi Gong. It's natural fluid stances make it an ideal exercise system for those who desire a low-impact and movement in order to encourage balance and focus as well as an understanding of the movement of energy within the body and sense of the body's relationship with the space around it.

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Notes: Offered in the fall and spring.

110. Taekwando (1).

This course will provide fundamental skill development in the Korean martial art of Taekwando. The focus is on the self-development through self-defense skills.

Notes: Offered in the fall and spring.

111. Orientation to Athletic Training (1).

This course is designed for students interested in athletic training careers. Content includes history and requirements for certification and roles of trainees.

Notes: Lab fee: \$20. Offered in fall.

112. Movement Concepts (1).

This course will allow students to apply the concepts of space awareness, effort, and relationships to human movement. Emphasis will be placed on using the three concepts to analyze both skilled and unskilled movements, explore the relationship of concepts to various skill themes, and apply the concepts in order to plan and implement developmentally appropriate instruction in physical education. Participants will be working with p-12 learners.

Notes: Offered in fall.

113. Disc Games (1).

This course will provide the student with an overview of Ultimate Disc and Disc Golf. Rules, etiquette, and participation in Ultimate Disc and Disc Golf will be the focus of this course.

Notes: Offered in fall and spring.

114. Mountain Biking (1).

This course will provide the student with an overview of mountain biking, rules of the trail and road, safety, riding techniques, clothing, equipment, and basic bike maintenance.

Notes: Offered in the fall and spring.

115. Self Defense (1).

This course will allow students to enhance their overall wellness through the study of self-defense. The course is designed to teach students the fundamental self-defense skills through active participation.

Notes: Offered in the fall and spring.

150. Skill Themes, Concepts and the National Standards for the Physical Educator (2).

PHED 150 is designed to provide an understanding of the skill theme approach to children's physical education curriculum, based on skill themes, concepts and generic

levels of skill proficiency. Emphasis will be placed on developing an applied understanding of both "how" and "what" to teach in elementary physical education that will help children to begin to acquire the fundamental competencies needed to successfully participate in physical activities they will pursue as adolescents and adults.
Notes: Offered in spring.

202. Concepts of Fitness and Exercise (2).
This course consists of units of instruction in cardiorespiratory exercise, muscular fitness and flexibility, nutrition and body composition, and exercise safety. Class practicums will involve opportunities to learn and participate in a variety of fitness related activities and assessment procedures.
Notes: Offered in fall.

204. Snow Skiing (1:2).
Notes: Additional fee is required. A grade of S or U is recorded for this course. Offered during Christmas vacation and spring.

205. The Martial Arts (1:2).
Physical fitness and self-defense are the primary emphasis within the traditional framework of discipline, endurance and self control unique to the martial arts.
Notes: Lab Fee: \$45. Offered in the fall and spring. May be repeated for credit.

206. Outdoor Education: Hiking, Backpacking, Rafting (1:2).
Notes: Additional fee: \$70. A grade of S or U is recorded. Offered in spring.

207. Intermediate Snow Skiing (1:2).
Notes: Additional fee is required. A grade of S or U is recorded for this course. Offered during Christmas vacation and spring.

211. Clinical Experiences in Athletic Training I (1).
This course provides opportunities for application of skills in a clinical setting. All experiences are obtained under the direct supervision of an ATC. Emphasis will be working on assessment and recognition of lower extremity injuries and skills appropriate to caring for such injuries. Student will be involved with both male and female athletes in this experience.
Prerequisite(s): Admission to Athletic Training Program.
Prerequisite(s): PHED 212
Notes: Lab fee: \$20. Offered in the fall and spring.

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212. Foundations of Athletic Training (3:2:1).
Lecture/demonstration experiences designed to expose students to techniques and knowledge required of athletic trainers. Topics covered include injury classification and terminology, injury prevention, the healing process, basic injury descriptions, and initial management of injuries.
Prerequisite(s): PHED 111.
Corequisite(s): PHED 212L.
Notes: Offered in spring.

212L. Foundations of Athletic Training Lab (1).
Guided laboratory and clinical experience in athletic training. Development of skills in taping and wrapping techniques for management of athletic injuries. Development of skills in protective equipment fitting.
Corequisite(s): PHED 212.
Notes: Offered in spring.

221. Beginner's Swimming (1:2).
Basic safety skills and swimming stroke skills are taught in accordance with the specifications of the American Red Cross courses.
Notes: Lab fee: \$20. Offered in the fall and spring.

224. Lifeguard Training (2:2:1).
This course is designed to meet the American Red Cross certification requirements for Lifeguard Training.
Prerequisite(s): Swimming endurance, knowledge of basic strokes, standing dive, treading water, surface diving and underwater swimming.
Notes: Lab fee: \$20. Offered in spring.

225. Water Safety Instructor (2:3).
Theory and practice of teaching swimming and water safety skills to all ages, infant through adult. This course meets the certification requirements of the Water Safety Instructor course of the American National Red Cross.
Prerequisite(s): Pre-test basic swimming strokes for speed and accuracy, age 17 or older. Current instructor authorization in Health Instructor Candidate Training Course (TCT).
Notes: Lab fee: \$20. Offered in fall.

226. Scuba Diving (1:1:2).
This course is designed to provide the average, or above average, swimmer with an opportunity to become a certified PADI scuba diver. There is an extra fee above the regular registration.
Notes: Additional fee: \$200. A grade of S or U is recorded. Offered in fall and spring.

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227. Lifeguard Instructor & Aquatic Management (1:2).

The purpose of the course is to train students to teach the American Red Cross Basic and Emergency Water Safety, Lifeguard Training and Lifeguard Training Review courses. It will also equip students to manage various aquatic facilities.

Prerequisite(s): PHED 224 or equivalent.

Notes: Lab fee: \$20.

228. Advanced Scuba (1-2).

This course is a continuation of PHED 226 - Scuba Diving. The successful student will receive international diver certification beyond the PHED 226 level.

Prerequisite(s): PHED 226.

Notes: Additional fee: \$145. A grade of S or U is recorded. Offered in fall and spring.

229. Scuba Diver Rescue (1-2).

Students will learn how to effect above and underwater rescue of a SCUBA diver. The successful candidate will receive international certification as a SCUBA diver rescuer.

Prerequisite(s): PHED 228.

Notes: Additional fee: \$195. A grade of S or U is recorded. Offered in fall and spring.

230. Beginning Fencing (1:2).

Notes: Lab fee: \$20.

231. Fitness for Life (2).

A participation/theory course in which aspects of fitness and activity are studied.

233. Badminton (1:2).

Notes: Lab fee: \$20. Offered in fall and spring.

235. Beginner's Tennis (1:2).

Notes: Lab fee: \$20. Offered in fall and spring.

236. Intermediate Tennis (1:2).

This course is designed to refine and improve basic strokes. Advanced strokes and techniques are incorporated. Students are given opportunity to learn game strategy and tactics through tournament play.

Notes: Offered in the fall and spring.

237. Golf (1:2).

Notes: Lab fee: \$20. Offered in fall and spring.

238. Intermediate Golf (1:2).

Designed to reinforce previously learned skills and to add other skills with supplementary knowledge for game play and appreciation.

Notes: Lab fee: \$20. Offered in the fall and spring.

242. Motor Learning and Control (3:3:0).

This course is designed to present information concerning fundamental concepts in motor learning and control. Topics include stages of skill acquisition, neurological bases of movement, motor integration, feedback, motor memory, conditions of practice, attention, perception, and the scientific method.

Students will apply theoretical concepts to human movement.

Notes: Offered in spring.

245. Water Aerobics (1:2).

A course designed to increase cardiovascular fitness through the use of locomotor movements and calisthenic type exercise in the water. No swimming skills are needed for success in this course.

Notes: Lab fee: \$20. Offered in fall and spring.

246. Aerobic Walking (1:2).

This course is designed to increase cardiovascular fitness through brisk walking. It will contain a core of knowledge concerning conditioning, self assessment, injury prevention, stress reduction, and other related health topics for optimum wellness outcomes.

Notes: Lab fee: \$20. Offered in fall and spring.

253. Current Activities: Basic Training (1).

Basic training is a participation course designed to increase strength, definition and cardio-respiratory fitness through the use of light hand weights in a continuous exercise routine to music.

Notes: Offered in the fall and spring.

254. Volleyball (1:2).

Notes: Lab fee: \$20. Offered in fall and spring.

256. Intermediate Basketball (1:2).

Notes: Lab fee: \$20.

257. Current Activities: Cardio Kick (1:0:2).

Cardio Kick is a trendy, upbeat cardiovascular training that combines martial arts and "Boot Camp" techniques. The class will begin with a focus on the use of STEPS then will add the Martial Arts elements, ending with high intensity "Boot Camp", plyometrics system.

No prior experience necessary.

Notes: Lab fee: \$20. Offered in the fall and spring.

261. Movement Activities for Teachers of Children Ages 3-8 (1:2).

A participation course of movement activities including dance, gymnastics, games and perceptual motor development designed for the preschool or early childhood educator.

Notes: Lab fee: \$20. Offered in fall and spring.

263. Handball and Racquetball (1:2).

Notes: Not offered this academic year.

264. Fitness/Wellness Careers Laboratory (1).

The course will provide opportunities for students to have observation/participation experiences in fitness/wellness settings. Each student will participate in three different areas related to the fitness/wellness cognates.

Course will include seminars with instructor, other students, and professionals from different areas in which observation/participation experiences are scheduled.

Prerequisite(s): PHED 101.

Notes: Offered in fall and spring.

265. Current Activities: Aerobic Dance (1:2).

A fitness-oriented course using continuous dance routines with music.

Notes: Lab fee: \$20. Offered in fall and spring.

266. Yoga (1).

A participation course focused on enhanced flexibility, posture, and breath control. It includes a gentle but firm approach to discipline through the fundamental principles of this ancient practice.

Notes: Lab fee: \$20. Offered in fall and spring.

267. Weight Training (1:2).

The study and practice of weight training activities.

Notes: Lab fee: \$20. Offered in fall and spring.

269. Track and Field (1:2).

Notes: Not offered this academic year.

270. Intermediate Badminton (1:2).

Prerequisite(s): 233 or permission of the instructor.

Notes: Lab fee: \$20. Offered in spring.

282. Beginning Rock Climbing (1:0:2).

This course is designed to allow the student an opportunity to learn and experience current techniques, safety, equipment, and fitness of basic rock climbing.

Notes: An additional fee: \$40. Offered in fall and spring.

290. Assessment in Physical Education (2:1:2).

This course will provide the student with the basic knowledge and skills necessary to assess k-12 student performance in physical education. Emphasis is given to analyzing skills, selecting & administering traditional assessment instruments, and

PHYSICAL EDUCATION

developing authentic assessment tools.

Participants will be working with k-12 students during the class.

Notes: Offered in spring.

303. Teaching Aerobic Activity (1).

This course is designed to increase knowledge and instructional skills in various forms of aerobic exercise such as aerobic dance, water aerobics, and aerobic walking. The course will also investigate certification programs and requirements for individuals to lead and teach aerobic exercise classes.

Prerequisite(s): Physical Education majors or permission of the chair.

Notes: Offered in the fall and spring.

307. Outdoor Education: Theory and Practice (2:1:2).

This course is designed to expand the student's knowledge of outdoor recreation. Introduction and participation in outdoor pursuits such as backpacking, rock climbing, kayaking, rafting, orienteering, cycling and ropes course are included. Field experiences are required.

Notes: Additional fee: \$50. Offered on demand.

311. Clinical Experiences in Athletic Training II (1:0:3).

This course provides opportunities for application of skills in a clinical setting. All experiences are obtained under the direct supervision on an ATC. Emphasis will be working on assessment and recognition of upper extremity injuries and skills appropriate to caring for such injuries. The student will also apply the knowledge gained with therapeutic modalities to the care of male and female athletes.

Prerequisite(s): PHED 211.

320. Weight Control Through Diet and Exercise (2:1:2).

Lecture and laboratory designed to demonstrate principles of nutrition and exercise related to the control of body weight. (Same as NUTR 320).

Notes: Offered in spring.

324. Dive Leader (1-2).

Students will learn to plan safe and successful diving activities and how to supervise students in training. Students will receive international certification that allows them to assist with and supervise SCUBA activities.

Prerequisite(s): PHED 229.

Notes: Additional fee: \$400. Offered on demand.

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325. Sport Philosophy and Ethics (3).

This course provides an overview of the philosophic aspects of sport in contemporary society. The course will also explore the ethical environment in sport with specific inquiry into cheating, violence, commercialism and exclusionary practices.

Prerequisite(s): PHED 101 or SPMA 101 with a grade of C or better.

Notes: This course is restricted to SPMA and PHED majors and coaching minors. Offered in fall.

327. Scientific Foundations of Sport (3).

The study and practical application of physiological, biomechanical and motor learning principles as they relate to athletic performance.

Prerequisite(s): BIOL 101.

Notes: This course is restricted to SPMA majors and coaching minors. Offered in spring.

330. Physical Education & Recreation for Children with Special Needs (3).

This course is designed to acquaint students with methods, techniques, and activities to be used in assessment of abilities and teaching physical education for children with special needs.

Prerequisite(s): Sophomore level or higher.

Notes: Offered in fall and spring.

338. Assessment of Athletic Injuries and Illnesses: Lower Extremity (3:2:1).

Lecture/demonstration experiences designed to expose students to techniques and knowledge required of athletic trainers. Topics covered include lower extremity injury evaluation, training room operations and procedures, and initial management of injuries.

Corequisite(s): PHED 338L.

Prerequisite(s): BIOL 306.

Notes: Offered in fall.

338L. Assessment of Athletic Injuries and Illnesses: Lower Extremity & Lab (1).

Guided laboratory and clinical experience in athletic training. Observation and practice of skills gained in lecture, including the evaluation of lower upper extremity injuries. Actual practice in dealing with athletic injuries, including attending athletic events under staff supervision.

Corequisite(s): PHED 338.

Notes: Offered in fall.

339. Assessment of Athletic Injuries and Illnesses: Upper Extremity (3:2:1).

Lecture/demonstration experiences designed

to expose students to techniques and knowledge required of athletic trainers. Topics covered include upper extremity and cervical spine injury evaluation, training room operations and procedures, and initial management of injuries.

Prerequisite(s): BIOL 306.

Corequisite(s): PHED 339L.

Notes: Offered in spring.

339L. Assessment of Athletic Injuries and Illnesses: Upper Extremity Lab (1).

Guided laboratory and clinical experience in athletic training. Observation and practice of skills gained in lecture, including the evaluation of upper extremity and cervical spine injuries. Actual practice in dealing with athletic injuries, including attending athletic events under staff supervision.

Corequisite(s): PHED 339.

Notes: Offered in spring.

348. Physical Education Curriculum & Methodology for the Young Child Grades K-3 (3:2:4).

Study and application of theories of development and instruction, with particular attention to the goals and values of a well-planned and executed physical education program for the young child.

Prerequisite(s): Admission to Teacher Education Program.

Notes: Offered in fall.

349. Physical Education Curriculum & Methodology for the Intermediate or Middle School (2:2:2).

Study and application of theories of adolescent development and physical education planning and instruction, with particular attention to the goals and values of a well-planned and executed physical education program at the intermediate or middle school level.

Prerequisite(s): Admission to Teacher Education Program.

Corequisite(s): PHED 369.

Notes: Offered in spring.

350. Adapted Physical Activity and Sport (3:3:0).

This is an introductory course designed to provide the student with the knowledge and skill required to meet the professional and legal mandates pertaining to physical activity for individuals with disabilities. On-hand experience with individuals who have disabilities is a part of the course work. In addition, students are required to complete 10 hours of service working with individuals who have disabilities in the Rock Hill area.

Notes: Offered in fall.

361. First Aid and Cardiopulmonary Resuscitation (1).

Meets requirements for American Red Cross Certification(s) in the areas of Standard First Aid, Adult, Child and Infant CPR. Safety practices and emergency procedures are included.

Notes: Lab Fee: \$20. Offered in fall and spring.

363. Medical Aspects of Sport and Related Injuries (3:3:0).

A review of selected medical aspects of sport taught by guest medical experts from community hospitals and private practice.

Prerequisite(s): PHED 211, 212, 311.

Notes: Offered in fall.

369. Instructional Laboratory (1).

This course is designed to provide the preservice physical education teacher with the practical experiences required to fulfill the professional responsibilities of a successful intermediate or middle school physical educator.

Corequisite(s): PHED 349.

Notes: Offered in spring.

370. Health, Movement & Fitness concepts for the Classroom Teacher (3:2:2).

This course will focus on the value of health and physical education in the elementary classroom setting and on health content, and movement and fitness concepts.

Prerequisite(s): Admission to teacher education.

Notes: Offered fall and spring.

379. Teach Advanced Based Experiential Education (3).

This course introduces experiential education techniques as they apply to a ropes course and to outdoor setting. Topics will include the experiential learning cycle, feedback, support, processing, safety techniques and effective communication.

Notes: Lab fee: \$20.

380. History of Sport (3).

This course provides an overview of sport in the United States with primary focus on the nineteenth century. Sport will be examined as both an outgrowth of education and as an economic enterprise. Selected sports will be studied from the standpoint of their development, influential people and governance. The roles of women and minorities in sport will be studied along with the factors in influencing

their participation.

Prerequisite(s): PHED 101 or SPMA 101 with a grade of C or better.

Notes: Offered in spring.

381. Philosophy and Principles of Human Movement (3).

A study of the foundations, objectives and societal relationships of human movement as applied to fields of physical education.

Prerequisite(s): Junior status, grade of C or better in WRIT 101 or 102.

Notes: Intensive Writing course. Restricted to PHED and SPMA majors. Offered in fall and spring.

382. Kinesiology (3:2:2).

The study of human movement.

Prerequisite(s): BIOL 305-306.

Corequisite(s): BIOL 305-306.

Notes: Offered in spring and every even summer.

384. Exercise Physiology (3:2).

This course will examine how the human body, from a functional and health-related standpoint, responds, adjusts, and adapts to acute exercise and chronic training. Basic skills of imparting health-related fitness information will also be presented.

Prerequisite or corequisite with BIOL 305 or 306.

Notes: Offered in fall and every odd summer.

391. Principles of Teaching Physical Education, Curriculum & Methodology for Grades 9-12 (3).

The content is specific to the students' subject matter field and addresses specific instructional needs and techniques. Specifically, this course focuses on development and delivery of physical education programs designed for students in grades 8-12.

Prerequisite(s): Admittance to Teacher Education, PHED 348 and PHED 349.

Corequisite(s): PHED 394 and EDUC 390.

Notes: Offered in fall.

393. Practicum in Coaching (1:1:1).

This course is designed to provide field experiences to the junior and senior coaching minor student. The 40 hour experience will be in a coaching setting with a focus on preparing and supervising athletes in all areas of sport competition.

Prerequisite(s): Nine hours completed in the coaching minor to include PHED 361 or PHED 561 and permission from the coaching minor coordinator.

Notes: A grade of S or U is recorded. Offered

PHYSICAL EDUCATION

PHYSICAL EDUCATION

in fall and spring.

394. Field Experience in Teaching Physical Education (1:0:8).

Students will spend 8 hours per week in the classroom under the supervision of a physical education professor and will work with a mentor teacher, in preparation for the final internship experience.

Prerequisite(s): Admission to Teacher Education Program and EDUC 310.

Corequisite(s): PHED 391 and EDUC 390.

Notes: A grade of S or U is recorded. Offered in fall.

395. Fitness/Wellness Program Application (1).

This course is designed to give appropriate field experiences to the junior Physical Education major in the fitness/wellness option. The 30 hour experience will occur in the cognate area and will require the student to demonstrate planning and instructional skills in a fitness/wellness setting.

Prerequisite(s): PHED 264 or permission of instructor.

Notes: Offered in the fall and spring.

408. Special Problems in Physical Education (1).

Independent study in Physical Education and related areas.

Notes: Offered as needed.

450. Honors: Selected Topics in Physical Education and Allied Fields (3).

Prerequisite(s): Seventeen hours in physical education and permission of the Department Chair.

Notes: Offered on demand.

460. Special Topics in Physical Education: Coaching Basketball (1).

This course is designed to allow the prospective coach an opportunity to review basic skills and strategies in coaching basketball.

Prerequisite(s): Experience in basketball or permission of instructor.

462. Special Topics in Physical Education: Coaching Volleyball (1).

This course is designed to allow the coach, or prospective coach, an opportunity to review basic skills and strategies, and to investigate intermediate and advanced volleyball techniques and strategies.

Prerequisite(s): Experience in volleyball or permission of instructor.

464. Special Topics in Physical Education: Coaching Baseball/Softball (1).

This course is designed to allow the prospective coach to review the current theories, trends, and training techniques in the teaching and coaching of baseball and fast-pitch softball.

Prerequisite(s): Experience in baseball or softball or permission of instructor.

465. Special Topics in Physical Education: Strength Training and Conditioning (1).

This course is designed to allow the prospective coach an opportunity to review current techniques, theories, and practices of conditioning and strength training for various sports.

Prerequisite(s): Experience in weight training or permission of instructor; Junior Status.

Notes: Offered in the fall and spring.

466. Special Topics in Physical Education: Coaching Soccer (1).

This course is designed to allow the prospective coach to review the current skills, strategies and training techniques on coaching soccer.

Prerequisite(s): Sophomore status; Experience in soccer or permission of instructor.

471. Organization, Administration and Evaluation of Physical and Fitness Education (3).

The planning, organizing, directing and evaluating of physical and fitness education; and the measurement of students and/or clients in the affective, cognitive and psychomotor domains.

Notes: Offered in fall.

476. Facilities Management and Design (3).

The role and responsibilities of facility management and design in sport. Emphasis will be placed on fiscal management, facilities operation, risk management and the design process.

Notes: Restricted to SPMA and PHED majors or permission of chair. Offered in spring.

480. Exercise Testing and Prescription (3:2:2).

This course will examine the appraisal of health-related fitness and exercise programming for individuals who are healthy, at risk, injured and unhealthy individuals.

Prerequisite(s): PHED 382 Kinesiology and PHED 384 Exercise Physiology, and BIOL 305 and BIOL 306 Fundamentals of Human Anatomy and Physiology.

Notes: Offered in fall and spring.

PHYSICAL EDUCATION

482. Effective Leadership in Outdoor Education (3).

Through this course students will gain skills and knowledge to enable them to become effective leaders in outdoor settings. This information includes program design and trip planning, decision making, emergency procedures, leadership styles, goal setting, facilitation, risk management and ethics. Prerequisite(s): PHED 307.

495A. Internship: Fitness Wellness (8).

This course will provide applied experiences for developing skills of the professional in fitness/wellness roles. Primary component is a field based experience for a minimum of 400 hours.

Prerequisite(s): Junior status and completion of all cognate courses.

Corequisite(s): PHED 496A.

496A. Capstone for Fitness Wellness Leaders (2).

This course will examine current issues in fitness/wellness as they relate to leadership in these areas. The course will focus on current trends and issues in fitness/wellness areas, presentation of a professional portfolio and internship experience.

Prerequisite(s): Junior status and completion of all cognate courses.

Notes: Offered in fall.

496B. Administrative Aspects of Athletic Training (3).

The capstone course is a culminating experience for students in the field of athletic training or a related sports medicine area. This course focuses on administration of athletic training programs.

Prerequisite(s): PHED 497, 498, 565.

Corequisite(s): PHED 495.

497. Clinical Experiences in Athletic Training III (1).

This course provides opportunities for application of skills in a clinical setting. All experiences are obtained under the direct supervision on an ATC. Emphasis will be on advanced skills of injury evaluation and development and implementation of treatment protocols for male and female involved in "low risk" sports.

Prerequisite(s): PHED 311, 338 and 339.

Notes: Offered in fall.

498. Clinical Experiences in Athletic Training IV (1).

This course provides opportunities for application of skills in a clinical setting. All

experiences are obtained under the direct supervision on an ATC. Emphasis will be on advanced skills of injury rehabilitation and implementation of treatment protocols for male and female in a sports medicine clinic setting.

Prerequisite(s): PHED 497 and 564.

Notes: Offered in spring.

499. Clinical Experiences in Athletic Training V (1).

This course provides opportunities for application of skills in a clinical setting. All experiences are obtained under the direct supervision on an ATC. Emphasis will be on advanced skills of injury evaluation and development and implementation of treatment protocols for male and female athletes in a high school athletic training setting.

Prerequisite(s): PHED 498 and 565.

Notes: Offered in fall.

All courses in the College of Education numbered above 499 have a prerequisite of junior status or permission of the dean of the College of Education.

500. Clinical Experiences in Athletic Training VI (1).

This course provides opportunities for application of skills in a clinical setting. All experiences are obtained under the direct supervision on an ATC. Emphasis will be on advanced skills of injury evaluation and development and implementation of treatment protocols for male and female athletes involved in "high risk" sports.

Prerequisite(s): PHED 499 and 496B.

Notes: Offered in spring.

512. Seminar on Contemporary Leaders and Organizations in Health, Physical Education and Recreation (2).

Study of current issues and contemporary leaders through preliminary study and attendance at the South district or National AAHPERD Convention.

Notes: Offered in spring. May be retaken for additional credit.

515. Computer Utilization in Physical Education (3).

This course is designed to familiarize students with computer administrative functions of word processing, data based management and electronic spreadsheet, as well as appropriate computer software in classroom applications.

Prerequisite(s): CSCI 101, EDUC 275 or permission of instructor.

Notes: Offered on demand.

PHYSICAL EDUCATION/PHYSICAL SCIENCE/PHYSICS

548. Psychology of Sport and Physical Activity (3).

An analysis of the psychological factors involved in sport and physical activity with emphasis on performance enhancement.

Prerequisite(s): PSYC 101.

Notes: Offered in the fall and spring.

563. Therapeutic Modalities for Athletic Training (2).

An introduction to purposes, effects, and applications of therapeutic modalities for use in treating athletic injuries. Lecture, demonstration, and discussion formats will be included.

Corequisite(s): PHED 563L

Prerequisite(s): PHED 338.

Notes: Offered in spring.

563L. Therapeutic Modalities for Athletic Training Laboratory (1).

Guided laboratory experience in the application of therapeutic modalities.

Corequisite(s): PHED563.

Notes: Offered in the spring.

564. Assessment of Athletic Injuries and Illnesses: Head, Trunk, and Spine (3:2:1).

Demonstration experiences designed to expose students to techniques and knowledge required of athletic trainers. Topics covered include head, trunk, and spine injury evaluation, training room operations and procedures, and initial management of injuries.

Corequisite(s): PHED 564L

Prerequisite(s): BIOL 306.

Notes: Offered in fall.

564L. Assessment of Athletic Injuries and Illnesses: Head, Trunk & Spine Lab (1).

Guided laboratory and clinical experience in athletic training. Observation and practice of skills gained in lecture, including the evaluation of head, trunk and spine injuries. Actual practice in dealing with athletic injuries, including attending athletic events under staff supervision.

Corequisite(s): PHED 564.

Notes: Offered in fall.

565. Therapeutic Exercise and Rehabilitation for Athletic Training (2).

A systematic approach to development of rehabilitative exercise programs, indications/contraindications and techniques of exercise and exercise progression in relation to prevention, reconditioning and return to play guidelines.

Corequisite(s): PHED 565L

Prerequisite(s): PHED 338, 339, 564.

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Notes: Offered in spring

565L. Therapeutic Exercise and Rehabilitation for Athletic Training Laboratory (1)

Guided laboratory experience designed to provide competency in the development of reconditioning programs.

Corequisite(s): PHED 565

Prerequisite(s): PHED 338, 339, 564.

Notes: Offered in spring.

571. Theory of Coaching (3).

Introduction to the philosophy, principles and techniques of coaching with emphasis on the psychological and sociological processes.

Notes: Offered in spring.

PHYSICAL SCIENCE (PHSC)

101. Physical Science (3).

A survey of the basic principles, laws and methodology in Physics and Astronomy.

Notes: Offered in summer.

102. Physical Science (3).

Survey of the basic principles, laws and methodology in Chemistry and Earth Science.

Notes: Offered in summer.

PHYSICS (PHYS)

101. Everyday Physics (3:3:0).

A conceptual introduction to the physics of everyday phenomena primarily intended for non-science majors. Introductory concepts and principles in mechanics, sound, heat, electricity, magnetism, and light will be covered.

Corequisite(s): Physics 102.

102. Everyday Physics Laboratory (1:0:3).

An introductory physics laboratory course primarily intended for non-science majors. Experiments will be selected from mechanics, sound, heat, electricity, magnetism, and light.

Corequisite(s): Physics 101.

105. Energy and the Environment (3).

The course surveys energy resources and deals with present and possible future energy usage and its effect on the global environment.

201-202. General Physics I (4:3:3).

Basic concepts and principles of physics, including mechanics, heat, sound, electricity, magnetism, and optics. Primarily a course for students in the life and health sciences.

Prerequisite(s): A grade of C or better in the

PHYSICS

following: MATH 101.

Notes: Lab Fee: \$40. A student may not receive credit for both PHYS 201 and PHYS 211 and for both PHYS 202 and 212. Offered in fall and summer.

202. General Physics II (4:3:3).

Basic concepts and principles of physics, including mechanics, heat, sound, electricity, magnetism, and optics. Primarily a course for students in the life and health sciences.

Prerequisite(s): A grade of C or better in all of the following: PHYS 201.

Notes: Lab fee: \$40. Offered in Fall.

211. Physics with Calculus I (4:3:3).

A calculus-based introductory physics course primarily intended for students in the physical and mathematical sciences. The course covers mechanics, wave motion, thermodynamics, electromagnetism, optics and some modern physics.

Prerequisite(s): A grade of C or better in the following: MATH 201.

Notes: Lab Fee: \$40. A student may not receive credit for both PHYS 201 and 211 and for both PHYS 202 and 212. Offered in fall.

212. Physics with Calculus II (4:3:3).

A calculus-based introductory physics course primarily intended for students in the physical and mathematical sciences. The course covers mechanics, wave motion, thermodynamics, electromagnetism, optics and some modern physics.

Prerequisite(s): A grade of C or better in all of the following: PHYS 211.

Notes: Lab fee: \$40. Offered in the fall.

250. Matter and Energy (3:3:0).

An introductory course in physics and chemistry primarily intended for education majors, incorporating the science curriculum standards of South Carolina. Restricted to ECED, ELED and SPED majors.

Prerequisite(s): MATH 140.

Corequisite(s): PHYS 251.

Notes: Offered in fall, spring and summer.

251. Matter and Energy Laboratory (1:0:3).

A laboratory to accompany PHYS 250.

Restricted to ECED, ELED and SPED majors.

Prerequisite(s): MATH 140.

Corequisite(s): PHYS 250.

Notes: Lab fee: \$40. Offered in fall, spring and summer.

253. Astronomy (3).

A descriptive astronomy course for the liberal arts student covering the solar system, stars,

galaxies, and cosmology.

Notes: Offered in spring.

256. Musical Acoustics (3).

An introductory musical acoustics course covering production, propagation and basic properties of musical sounds as well as musical instruments, auditorium acoustics and sound reproduction media.

Notes: Offered as needed.

301. Modern Physics (3).

An introductory modern physics course covering relativity, early quantum theory and basic quantum mechanics with selected applications to atomic, nuclear, solid state, and particle physics.

Prerequisite(s): A grade of C or better in all of the following: PHYS 212 or PHYS 202.

Notes: Offered in fall.

315. Circuit Analysis (3:2:3).

An intermediate level circuit analysis course that covers DC and AC circuits and their design using semiconductor devices.

Prerequisite(s): A grade of C or better in all of the following: PHYS 212 or PHYS 202, MATH 202.

Notes: Lab fee: \$40. Offered as needed.

321. Materials Science (3).

An introduction to the synthesis, structure, properties, and technical performance of engineering metals, ceramics, and polymers and semiconductors and superconductors.

Prerequisite(s): A grade of C or better in all of the following: PHYS 212 or PHYS 202, CHEM 106.

Notes: Offered in spring.

331. Engineering Mechanics: Statics (3).

Introduction to the principles of particle and rigid body mechanics with engineering applications. Force systems, equilibrium conditions, simple structures, and machines will be analyzed.

Prerequisite(s): A grade of C or better in all of the following: PHYS 211.

Notes: Offered as needed.

332. Engineering Mechanics: Dynamics (3).

A study of kinematics and kinetics of particles and rigid bodies. Major topics covered are Newton's second law, work-energy and impulse-momentum principles, energy and momentum conservation laws and applications of plane motion of rigid bodies.

Prerequisite(s): A grade of C or better in all of the following: PHYS 331.

Notes: Offered as needed.

PHYSICS/POLITICAL SCIENCE

350. Thermodynamics (3).

An intermediate level thermodynamic course that covers the basic concepts of heat and temperature, the laws of thermodynamics with application to simple thermodynamic systems, processes, and thermal properties of substances.

Prerequisite(s): A grade of C or better in all of the following: MATH 202 and PHYS 201 or PHYS 211 or CHEM 106.

Notes: Offered as needed.

351, 352, 353. Independent Study in Physics (3) (3) (3).

Directed study of topics in physics which are not available through the regular curriculum.

Prerequisite(s): Permission from the Department Chair and PHYS 202 or 212.

Notes: Offered in fall, spring and summer.

POLITICAL SCIENCE (PLSC)

201. American Government (3).

National governmental institutions and the political processes which shape public policy. Meets state requirements for course on the U.S. Constitution.

Notes: Offered in fall, spring and summer.

202. State and Local Government (3).

A comparative study of the structure and functions of state and local government institutions and political processes.

Notes: Offered in fall and spring.

205. International Politics (3).

An introduction to the conceptual framework of contemporary foreign policy and international relations.

Notes: Offered in fall and spring.

207. Comparative Politics (3).

An introduction to the discipline of comparative politics. The course will explore the theoretical components of governments of the world and will prepare students for upper level area studies.

Notes: Offered in fall and spring.

210. Introduction to Law (3).

An introduction to legal processes, institutions, and the principles of key substantive areas of law.

220. Introduction to Public Administration (3).

A survey of the major topics in the study of American public administration, including organization theory, personnel management,

financial management, and administrative law.

Prerequisite(s): PLSC 201.

Notes: Offered variable times.

260. The United Nations (3).

The organization and procedures of the United Nations. Preparation for participation in a model United Nations.

Notes: Intensive Oral Communication course. Offered in spring.

305. The National Executive (3).

Study of the contemporary U.S. Presidency and the Executive Branch.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission on instructor.

306. Congress (3).

Congress and its principal activities, including an analysis of the way in which Congress makes public policy.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

307. American Parties and Practical Politics (3).

Political parties, interest groups and citizen politics.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

Notes: Offered variable times.

310. The Judiciary (3).

The courts as decision-making bodies in the political process. Their relationship to the legal profession, interest groups and other parts of government.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

Notes: Offered variable times.

311. Constitutional Law: Federalism and Institutions (3).

The substantive law of separation of powers; powers among the branches of government and between national and state governments. Emphasis on legal, political and historical contexts and processes.

Prerequisite(s): PLSC 310 or permission of instructor.

Notes: Offered variable times.

312. Constitutional Law: Civil Rights and Civil Liberties (3).

The substantive law of rights and liberties, with an emphasis on the political freedoms of speech and press, religious freedom, freedom from discrimination, and due process rights in criminal law.

Prerequisite(s): PLSC 310 or permission of

POLITICAL SCIENCE

instructor.

Notes: Offered variable times.

313. Public Opinion and Political Participation (3).

The nature, formation and measurement of public opinion, including the kinds of political participation, and the ways that public opinion, political participation, and public policy influence one another.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

Notes: Offered variable times.

314. Media and Politics (3).

The effects of the mass media on American politics including its role in campaigns, institutions and public policy.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

315. Urban Politics (3).

The operation of government in metropolitan areas.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

Notes: Offered variable times.

318. Politics of the American South (3).

Focuses on the unique politics of the South. It places southern politics in its theoretical and historical context and examines the central role of race in southern politics as well as regional importance to national politics.

Prerequisite(s): PLSC 201 with a grade of C or better or permission of instructor.

Notes: Offered Fall or Spring on a biennial basis.

320. Public Budgeting (3).

A practical focus upon public finance that includes a comparison of alternative budget formats, key analytical techniques and budgetary politics.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

Notes: Offered variable times.

321. Public Policy and Policy Analysis (3).

A study of policy formulation and adoption at various governmental levels and of methodologies used to measure policy impacts.

Prerequisite(s): PLSC 201 with a grade of C or better, or permission of instructor.

Notes: Offered in fall, spring and summer.

325. Environmental Politics (3).

A study of the creation and implementation of major national and international environmental policies, and the varied social and political

movements engaged environmental politics.

Notes: Offered in spring.

335. Government and Politics of Latin America (3).

Examination of contemporary political issues, political forces, and governmental institutions in Latin America.

Prerequisite(s): PLSC 205 or PLSC 207 or permission of instructor.

Notes: Offered variable times.

336. Post Soviet Politics (3).

An introduction to the government and politics of the nations of the former Soviet Union with particular emphasis on the politics of reform. The latest scholarship will be utilized, as will the enduring classics in the field.

Prerequisite(s): PLSC 205 or PLSC 207 or permission of instructor.

337. Women and Global Politics (3).

Examines the role of women in the sphere of global politics. Course assumes some knowledge of the basic issues confronting women in contemporary global context.

Prerequisite(s): WMST 300 or PLSC 205 or PLSC 207 or permission of instructor.

338. Government and Politics of Africa (3).

Examination of historical and contemporary political issues, political forces, and governmental institutions in Africa.

Notes: PLSC 205 or PLSC 207 or permission of instructor.

345. European Politics (3).

A study of governmental systems, cultures, and enduring problems of Western and Central Europe.

Prerequisite(s): PLSC 205 or PLSC 207 or permission of the instructor.

Notes: Offered alternate fall semesters.

350. Scope and Methods (3).

Introduction to methodology, the research process, the relationship of theory to research and the conduct of research involving research techniques and simple numerical analysis.

Notes: Lab fee: \$25. Intensive Writing course.

351. Ancient and Medieval Political Thought (3).

Survey of the history of Western political thought from the Ancient Greeks through the Middle Ages.

Prerequisite(s): WRIT 102 or permission of instructor.

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352. Modern and Contemporary Political Thought (3).

Survey of the major political ideas of the modern era from the Enlightenment through Postmodernism.

Prerequisite(s): WRIT 102 or permission of instructor.

355. Political Ideologies (3).

A critical study of the ideologies important to the formulation and development of the political systems in the modern world.

Prerequisite(s): WRIT 102 or permission of instructor.

356. American Political Thought (3).

Explores the origins of current American Political Thought through an examination of political writings from colonial times to the present.

Prerequisite(s): WRIT 102 or permission of instructor.

371. Women and Politics in the U S (3).

Women, as a special interest group, and their role in the American political process.

Prerequisite(s): PLSC 201 or WMST 300 with a grade of C or better, or permission of instructor.

450H. Honors: Selected Topics in Political Science (3).

Prerequisite(s): Permission of the Chair.

Notes: Offered in fall and spring.

471, 472, 473. Academic Internship in Political Science (1) (2) (3).

Prerequisite(s): Permission of the Chair.

Notes: Offered in fall, spring and summer.

498. Independent Study in Political Science (3).

This course is designed to allow students to study a topic of Political Science in greater depth than allowed in a traditional classroom setting. Students will receive assignments from their supervising instructor as appropriate.

Prerequisite(s): Permission of instructor and chairperson required.

Notes: Course may be repeated once. Students are limited to a total of nine hours in PLSC 498, 501, 502 and 503 combined.

501. Academic Research in Political Science (1).

Students conduct original research in a Political Science field.

Notes: May be repeated for a total of six academic credit hours. Students are limited to 256

nine total credits in PLSC 498, 501, 502, 503 combined. Permission of instructor and chairperson required.

502. Academic Research in Political Science (2).

Students conduct original research in a Political Science field.

Notes: May be repeated for a total of six academic credit hours. Students are limited to nine total credits in PLSC 498, 501, 502, 503 combined. Permission of instructor and chairperson required.

503. Academic Research in Political Science (3).

Students conduct original research in a Political Science field.

Notes: May be repeated for a total of six academic credit hours. Students are limited to nine total credits in PLSC 498, 501, 502, 503 combined. Permission of instructor and chairperson required.

504. American Foreign Policy (3).

Study of policy formulation and the decision-making process.

Prerequisite(s): PLSC 205 or PLSC 207 or graduate status or permission of instructor.

506. International Political Economy (3).

A study of the foundations and operation of the international political economy. Examines the impact and influences of the key institutions, theories, and trends guiding the interaction of politics and economics globally.

Prerequisite(s): PLSC 205 or PLSC 207 or graduate status or permission of instructor.

508. National Security (3).

An exploration of a number of approaches to national security, including traditional military analysis to newer issues such as environmental and resource security.

Prerequisite(s): PLSC 205 or PLSC 207 or graduate status or permission of instructor.

Notes: Offered alternate fall semesters.

510. Topics in Political Inquiry (3).

Topics to be chosen by the instructor.

Notes: May be retaken for additional credit. Offered in fall and spring.

512. Politics and Education (3).

Public schools as agents of political socialization and their interaction with governments and political forces at the local, state and national level.

Prerequisite(s): PLSC201 with a grade of C or better, or graduate status or permission of

instructor.
Notes: Offered variable times.

525. Planning and Program Management (3).
An advanced course that focuses upon the problematic aspects of managing large-scale public programs.
Prerequisite(s): PLSC201 with a grad of C or better or graduate status or permission of instructor.
Notes: Offered variable times.

532. Government and Politics of Asia (3).
Examination of contemporary political issues, political forces and governmental institutions in Asia.
Prerequisite(s): PLSC 205 or PLSC 207, or graduate status, or permission of instructor.
Notes: Offered variable times.

551. African-American Political Thought (3).
This course explores the historical struggle of African-Americans to assess their identity in relationship to their legal and social oppression. In reflecting on the work of Audre Lorde, W.E.B. DuBois, Frederick Douglass, Langston Hughes, James Baldwin, Ralph Ellison, Sojourner Truth, Toni Morrison, Edward Said, Martin Luther King, Malcolm X, Cornell West, Henry Louis Gates, Alice Walker, Bell Hooks, Mark Twain and others, we will angle in on the question of black identity from a variety of perspectives. Particular attention will be paid to the relationship between these articulations of "blackness" and the historical and political settings in which they arise. Informed class discussion will be emphasized. Students are expected to write a term paper and to present it to the class.
Prerequisite(s): WRIT 102 or permission of the instructor, or graduate studies.

553. Feminist Theory (3).
This course is designed to acquaint students with the variety of ideas, methods and issues raised within contemporary feminist literature.
Prerequisite(s): WRIT 102, or graduate status, or permission of instructor.

560. Government of South Carolina (3).
The study of the government of South Carolina with particular emphasis on current and perennial problems.
Prerequisite(s): PLSC 202, or graduate status, or permission of instructor.
Notes: Offered in spring.

POLITICAL SCIENCE/PSYCHOLOGY **PSYCHOLOGY (PSYC)**

101. General Psychology (3).
Introductory survey of the entire field of psychology.
Notes: Offered in fall, spring and summer.

198. Psychology as a Discipline and Profession (1).
Introduction to Psychology as a discipline and profession, intended for psychology majors and those considering psychology as a career choice.
Prerequisite(s): PSYC 101; may be a co-requisite for sophomores, new majors and transfer students.
Notes: Offered in fall and spring.

301. Research I: Statistics (4:3:2).
Study of descriptive and inferential statistics as they apply to the behavioral sciences.
Prerequisite(s): PSYC 101 and General Education Math requirement.
Notes: Offered in fall, spring and summer.

302. Research II: Experimental Psychology (4:3:2)
Study of the scientific methods used in research including an opportunity to conduct research. Prerequisite(s): PSYC 301. Notes: Offered in fall, spring and summer.

306. Development I: Childhood (3).
Study of the development of children from conception through pre-adolescence.
Prerequisite(s): PSYC 101.
Notes: Offered in fall, spring and summer.

307. Development II: Adulthood (3).
Development of human beings from adolescence through late adulthood.
Prerequisite(s): PSYC 101.
Notes: Offered in fall and spring. Crosslisted with GRNT 307.

310. Career Development (3).
Theory, research and practice in career development. Areas covered include occupational choice, job search, recruitment and organizational socialization, career stages and transitions and related issues.
Notes: Offered in fall and spring.

320. Racial, Cultural and Ethnic Influences on Identity Development (3).
This course examines how race, ethnicity and culture influence the development of personal identity of self. Historical and contemporary models of ethnic, cultural and/or racial identity formation will be examined. Diversity

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in the developmental process and outcomes of identity formation for African Americans will be emphasized.

Prerequisite(s): PSYC 101 or AAMS 300 and WRIT 101.

Notes: Offered in summer.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA of 2.5 and minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For Psychology majors only. A maximum of 3 hours may be applied toward a degree in Psychology. A student may receive credit for either PSYC 461-462 or PSYC 340, but not both as credit for major. A grade of S or U is recorded. Offered in the fall, spring and summer.

400. History and Systems of Psychology (3).

Study of philosophical and scientific basis of modern psychology and the history of psychology as a modern scientific discipline.

Prerequisite(s): PSYC 101, 301 and 302.

Notes: Offered once per year.

461, 462. Academic Internships in Psychology (1) (2).

Application of psychological principles in work settings. Course involves working in experiential settings in which psychological principles are applied and participating in a seminar.

Prerequisite(s): Open to majors only. Approval from Department of Psychology.

Notes: Offered in fall and spring.

471, 472. Undergraduate Research in Psychology (1) (2).

Participate as co-experimenter in on-going research programs or perform guided individual research.

Prerequisite(s): Prior approval by an assigned faculty member and the Department Chairperson and PSYC 101.

Notes: A grade of S or U is recorded. Offered in fall, spring and summer.

498. Senior Seminar in Psychology (3).

An advanced capstone seminar for graduating seniors or students who have completed majority of psychology course requirements, emphasizing an in-depth review and update of core topics and current issues in psychology,

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including the comprehensive assessment of core skills and knowledge from the major.

Prerequisite(s): For psychology majors only.

Notes: Offered in fall and spring.

503. Abnormal Psychology (3).

Introduction to the disorders of behavior.

Prerequisite(s): PSYC 101.

Notes: Offered in fall and spring.

504. Psychology of Women (3).

Intensive study of the research and issues in psychology that pertain specifically to women.

Prerequisite(s): PSYC 101.

Notes: Offered in fall and spring.

505. Physiological Psychology: Biological Foundations of Behavior (3).

Study of the human nervous system and its relation to behavior and experience.

Prerequisite(s): PSYC 301 or permission of chair, Department of Psychology.

Notes: Offered in spring.

506. Psychological Measurements (3).

Study of the construction, evaluation and application of individual and group tests and the analysis and interpretation of their results.

Prerequisite(s): PSYC 101 or EDUC 300.

Notes: Offered in fall.

507. Social Psychology: The Individual and Other People (3).

Examination of the intrapersonal and interpersonal factors that influence human social behavior.

Prerequisite(s): PSYC 101.

Notes: Offered in spring and summer.

508. Principles of Learning: Cognition (3).

The human viewed as a system that processes information. Topics include sensory processes, memory, language and thinking.

Prerequisite(s): PSYC 301 or permission of chair, Department of Psychology.

Notes: Offered in fall, spring and summer.

509. Principles of Learning: Conditioning (3).

Review of the theoretical concepts and major variables relevant to animal and human motivation and conditioning.

Prerequisite(s): PSYC 301 or permission of chair, Department of Psychology.

Notes: Offered in fall.

510. Behavior Analysis and Behavior Change (3).

Study of application of behavior management techniques in educational, clinical and domestic settings.

PSYCHOLOGY/QUANTITATIVE METHODS/READING

Prerequisite(s): PSYC 101.

Notes: Offered in fall and spring.

512. The Exceptional Child (3).

Study of individuals with special problems in cognitive, emotional or motor ability.

Prerequisite(s): PSYC 101.

Notes: Offered in fall.

513. Introduction to Theory and Fundamentals of Clinical Practice (3).

Survey of theoretical issues and training in professional skills useful to pursuing a career in applied areas of psychology.

Prerequisite(s): At least junior standing; PSYC 101, 503 or 514; or permission of instructor.

514. Theories of Personality (3).

Advanced integrative study of the most important theories of personality.

Prerequisite(s): One course in PSYC numbered above 299.

Notes: Offered in fall and spring.

515. Health Psychology and Behavioral Medicine (3).

Study of the biological, social and psychological factors that combine to influence human health and health practices. Models and methods of identification, prevention and treatment applicable to behavioral medicine will be reviewed.

Prerequisite(s): PSYC 101 and 505 or equivalent, or graduate standing in psychology or an allied profession.

Notes: Offered in fall.

516. Industrial and Organizational Psychology (3).

Introduction to psychology in industry, business and other large organizations.

Prerequisite(s): PSYC 101.

Notes: Offered once per year.

520. Contemporary Issues in Psychology (3).

In-depth consideration of a topic of particular concern within modern psychology. May be offered under various topics.

Prerequisite(s): PSYC 101 or permission of instructor.

Notes: Offered on demand. May be retaken for additional credit under different topics.

QUANTITATIVE METHODS (QMTH)

205. Applied Statistics I (3).

Concepts of probability theory, sampling, descriptive statistics, and statistical estimation.

Prerequisite(s): MATH 101 and CSCI 101, 105, or 110.

206. Applied Statistics II (3).

Concepts of hypothesis testing, regression and correlation analysis, Chi-Square analysis, quality control, and decision theory.

Prerequisite(s): QMTH 205.

READING (READ)

321. Elementary and Middle School Language Arts (3:3).

Emphasis on the teaching of listening, speaking and written expression.

Notes: Offered in fall and spring.

322. Elementary and Middle School Language Arts: Laboratory (1:0:1).

Requires students to review the literature on a selected educational topic and to write a formal paper on the selected topic. This course will satisfy Winthrop's Writing Intensive Requirement for ECED and ELEM majors.

SPED and others who have satisfied the requirements in other courses need not enroll.

Corequisite(s): READ 321.

Notes: Intensive Writing course. Offered in the fall and spring.

461. Introduction to Teaching Reading in the Elementary School (3:1:0).

This course provides basic understanding of: factors related to literacy; literacy competencies; procedures for developing literacy instruction; and assessment measures for literacy.

Prerequisite(s): Admission to teacher education.

Notes: ECED and ELEM majors must take READ 510 as a co-requisite. A grade of C or higher must be earned. Offered in the fall, spring and summer.

All courses in the College of Education numbered above 499 have a prerequisite of junior status or permission of the dean of the College of Education.

510. Literature for Children (3).

An introduction to books, magazines and non-print adaptations (e.g., audio recordings, filmstrips, books on disk, and video recordings) of literature appropriate for children's growth in literacy.

Prerequisite(s): READ 321/322 or equivalent.

Corequisite(s): READ 510 is a co-requisite for READ 461 for ECED and ELEM majors.

Notes: Offered in fall, spring and summer.

541. Reading in the Secondary School (3).

A study of the background information and

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skills needed by secondary teachers for guiding pupils' growth in and through reading; identification of and planning for instruction needed.

Prerequisite(s): Admission to Teacher Education Program.

Notes: Not offered this academic year.

550-559. Problems in Teaching Reading (1, 2, 3).

To assist school personnel in the identification, analysis and planning of strategies to overcome specific problems in the teaching of reading.

Notes: Offered on demand.

561. Teaching Basic Reading Skills (3).

Introductory course in teaching reading.

Prerequisite(s): EDUC 250 or equivalent and Admission to Teacher Education Program.

Notes: Students may not receive credit for READ 561 and READ 461 or READ 562. Offered in summer.

562. Teaching Basic Reading Skills in Middle and Secondary School (3).

Persons teaching or preparing to teach in middle or secondary school examine basic reading skills in relation to the needs and characteristics of their pupils.

Prerequisite(s): Admission to the Teacher Education Program.

Notes: A student may not receive credit for READ 562 and READ 461 or READ 561. Offered on demand.

571. Diagnostic and Prescriptive Teaching of Reading (3).

Students develop skills for applying the principles learned in the basic reading course by providing instruction adjusted to the individual needs of one pupil.

Prerequisite(s): Grade of C or better in READ 461, READ 561 or READ 562 and Admission to Teacher Education Program.

Notes: Offered in fall, spring and summer. Work with pupils required. A grade of C or higher must be earned in this course.

RELIGION (RELG)

201. Introduction to Religious Studies (3).

Examination of the varying concepts of religion and the methods used in studying religious behavior and belief.

Notes: Offered variable times.

300. Comparative Religion (3).

Study of the major world religions including Hinduism, Buddhism, Chinese religion, Shinto,

Judaism, Christianity and Islam.

Notes: Offered variable times.

310. Early Jewish and Christian Self-Definition (3).

A study of how early Jews and Christians constructed their identities with respect to their neighbors, from 200 BCE-200 CE. In addition to some biblical materials, the course will introduce a wide range of apocryphal and non-canonical Jewish and Christian literature of the period.

Prerequisite(s): RELG 313 and 314, or the permission of the instructor.

Notes: Offered variable times.

313. Introduction to the Hebrew Bible (Old Testament) (3).

Historical and literary study of the Hebrew Bible (Old Testament).

Notes: Offered variable times.

314. New Testament (3).

Historical and literary study of New Testament literature.

Notes: Offered variable times.

320. Religion in America (3).

A historical and social overview of the development of religion in the United States, including indigenous religions, Protestant and Roman Catholic Christianity, and Judaism. Attention may also be devoted to slave religion and the black church, religion and gender, revivalism and fundamentalism and new religious movements.

Notes: Offered variable times.

350. Special Topics in Religious Studies (3).

In-depth consideration of a specific topic of particular concern in religious studies. The course may be offered under various topics. It may be repeated for credit under different topics.

Prerequisite(s): RELG 201 or RELG 300 or permission of instructor.

Notes: Offered variable times.

450. Honors: Selected Topics in Religion (3).

An independent inquiry, in-depth, into a selected topic in religion.

Prerequisite(s): Permission of the Chair.

Notes: Offered variable times.

498. Senior Seminar in Religion (1).

An advanced capstone seminar for graduating seniors emphasizing an examination of selected current topics and issues in religion.

The course will include the assessment of core skills and knowledge from the major.

Prerequisite(s): For Senior Philosophy and

Religion majors only.
Notes: Offered in fall.

550. Special Topics in Religion (3).
An in-depth consideration of a specific topic of concern in religion. The course may be offered under various topics. It may be repeated for credit under different topics.
Prerequisite(s): Permission of the instructor.
Notes: Offered in fall, spring and summer.

SCIENCE (SCIE)

201. Investigative Science (3:2:3).
Students will learn how to carry out simple scientific investigations. Emphasis will be on investigative processes, rather than on scientific content. Students will design and execute controlled experiments or observations, analyze data, draw conclusions and write reports on their results. Sections of this course will be taught by the faculty from the departments of Biology and Chemistry/Physics. The focus of each course is as follows: A, Biology; B, Chemistry; C, Earth Science.
Prerequisite(s): WRIT 102 and fulfillment of General Education math requirement.
Notes: Lab Fee: \$35. Credit for Science 201 will not be granted if the student has already successfully completed Biology 210, Physical Science 103 or Geology 120. Offered in fall, spring and summer.

202. Introduction to DNA Science (3:2:3).
A lecture/laboratory course designed to provide nonscience majors with an understanding of what DNA is and how it controls our life and health, its importance in evolution and adaptation, and how recombinant DNA technology can be and is applied to medicine, agriculture, and industry.
Notes: Lab Fee: \$35. Offered in fall and spring.

222. Field Studies in Science (6:3:9).
Travel to distant areas where outstanding and unique examples of geological and biological features can be studied and the relationships between these disciplines can be examined.
Prerequisite(s): WRIT 102 and sophomore status.
Notes: Offered in summer.

223. Natural History and Environmental Issues in Topics (4:1:5).
Travel to tropical locations where lectures, seminars and field exercises will examine and contrast the varied marine, freshwater and terrestrial ecological habitats. Human

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intervention into these habitats and their alteration by human activity will be a major focus.
Prerequisite(s): Minimum sophomore status, WRIT 102 with C or better, Spanish helpful but not required.
Notes: Offered in summer.

301. Biology of Aging (3).
Study of the biological changes that accompany aging. The course examines the biological process of aging at a variety of levels ranging from molecular-cellular changes up to the physiology of whole organ systems.
Prerequisite(s): WRIT 102 and at least junior standing.
Notes: Offered in fall of even years and every Maymester. Crosslisted with GRNT 301.

391. Principles of Teaching Science (3).
Study and application of planning, instruction management, and assessment of students in science. Includes a review of the ethical and legal responsibilities of science teachers.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): SCIE 392, EDUC 390.
Notes: Offered in fall.

392. Field Experience in Teaching Science (1:0:8).
Students will spend a minimum of 8 hours per week in the classroom under the supervision of a science education professor and will work with a mentor teacher in preparation for the final internship experience.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): SCIE 391, EDUC 390.
Notes: A grade of S or U is recorded. Offered in fall.

520. Special Topics in Science (3).
Readings and discussion of scientific topics which cross disciplinary boundaries. Primarily for junior and seniors.
Prerequisite(s): A 3.0 GPA and/or permission of chair.
Notes: Offered on demand.

591. Principles of Teaching Science (3).
Study and application of skills of planning, instruction, management and assessment in the Sciences. Includes a review of ethical and legal responsibilities of science teachers.
Prerequisite(s): Admission to MAT BIOL Program.
Corequisite(s): SCIE 592.
Notes: Offered in Fall.

SCIENCE/SOCIAL STUDIES EDUCATION/SOCIAL WORK

592. Field Experience in Teaching SCIE (1:0:8).

Students will spend 8 hours per week in a public school under the supervision of a science education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): Admissions to Teacher Education Program at graduate level.
Corequisite(s): SCIE 591.

Notes: A grade of S or U is recorded.

SOCIAL STUDIES EDUCATION (SCST)

391. Principles of Teaching Social Studies (3).

Study and application of skills of planning, instruction, management and assessment of students in Social Studies. Includes a review of the ethical and legal responsibilities of Social Studies teachers.

Prerequisite(s): Admission to Teacher Education Program.

Corequisite(s): SCST 392, EDUC 390.

Notes: Offered in fall.

392. Field Experience in Teaching Social Studies (1:0:8).

Students will spend a minimum of 8 hours per week in the classroom under the supervision of a social studies education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): Admission to Teacher Education Program.

Corequisite(s): SCST 391, EDUC 390.

Notes: A grade of S or U is recorded. Offered in fall.

591. Principles of Teaching Social Studies (3).

Students plan, teach and critique integrated instructional units focus in on the content area of Social Studies.

592. Field Experience in Teaching Social Studies (1:0:8).

Students will spend 8 hours per week in a public school under the supervision of a social studies education professor and will work with a mentor teacher in preparation for the final internship experience.

Prerequisite(s): Graduate status, Admission to Teacher Education Program.

Corequisite(s): SCST 591.

Notes: Offered in Fall. A grade of S or U is recorded.

SOCIAL WORK (SCWK)

200. Introduction to Social Work (3).

Introductory study designed to provide students an overall picture of the nature, philosophy, and goals of professional social work practice.

Prerequisite(s): CSCI 101 or equivalent.

Corequisite(s): SCWK 201.

Notes: Offered in fall and spring.

201. Introduction to Social Work: IT Lab (1:0:1).

Lab includes review of information technology (IT) knowledge and skills expected of social workers and in the social work major.

Competencies are developed using computers in areas such as information search and web based instructional technologies. Major present and developing IT issues in society that impact social work practice are explored.

Prerequisite(s): CSCI 101 or equivalent.

Corequisite(s): SCWK 200.

Notes: Offered in fall and spring.

202. Special Directed Volunteer Experience (3).

Special agency placement course. Weekly journal.

Notes: A grade of S or U is recorded for this course. May not be counted as a SCWK elective toward a BSW degree in Social Work. Offered in fall, spring and summer.

305. Human Behavior in the Social Environment (3).

Study of a social systems approach to understanding human behavior and development throughout the lifespan using a biophysical, psychological, and social multidimensional framework for assessing social functioning.

Prerequisite(s): PSYC 101, SCWK 200/201, ANTH 201, SOCL 201, AND GRNT/SCIE 301 (may be taken concurrently), or permission of instructor.

Notes: Cross-listed as GRNT 305.

306. Working with Multi-Cultural Client Systems (3).

Using a strengths perspective, the focus is on issues of diversity, oppression, and empowerment in a range of client systems within the context of race, culture, class, gender, sexual preference, age, and difference.

Prerequisite (s): SCWK 301 (may be taken concurrently) or permission of instructor.

312. Social Work in Secondary Settings (3).

A description of social work practice in

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secondary social work settings such as schools, hospitals, courts, churches, and nursing homes. Notes: Offered on demand.

313. Social Work in Juvenile and Adult Corrections (3).

A detailed study of the social work philosophy, knowledge and skills found in juvenile and adult corrections. Notes: Offered on demand.

321. Social Welfare as a Social Institution (3).

An investigation of attitudes, policies and practices found in society which relate to the well-being of individuals and of society. Prerequisite(s): ECON 103, PLSC 201, and SCWK 200 (May be taken concurrently.) Notes: Offered in fall and spring.

330. Research Methods for Social Work (3).

Study of research concepts, designs, methodology and stages of the research process. Emphasis on acquisition of knowledge and development of skills to evaluate professional literature and generalist social work practice. Prerequisite(s): SCWK 200 (May be taken concurrently). Notes: Intensive Writing course. Offered in fall and spring.

340. A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests. Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment. Notes: For Social Work majors only. Courses may be repeated for credit; a maximum of 3 hours may be applied toward a degree in Social Work. A grade of S or U is recorded. Offered in fall and spring.

395. Social Work Intervention I (3:3:0).

Basic concepts, values and skills of generalist social work practice that emphasizes the problem solving model and case management method in working with individuals and families. Prerequisite(s): SCWK 200/201, SCWK 305, SCWK 306 (may be taken currently), SCWK 321 (may be taken concurrently), and SCWK 330 (may be taken concurrently). Social Work majors only. Notes: Offered in fall and spring.

432. Social Work Intervention II (3).

The study and application of social work

group theory as it applies to agency and community task groups, client intervention groups and families. Role play, simulations and the use of video recordings will be used in the course.

Prerequisite(s): SCWK 395. Social Work majors only.

Notes: Offered fall and spring.

433. Social Work Intervention III (3).

Detailed study of the application of theoretical and practice models for generalist social work practice with emphasis on organizations and communities.

Prerequisite(s): SCWK 395, SCWK 432. (May be taken concurrently.) Social Work majors only.

Notes: Offered in fall and spring.

434. Interpersonal Helping Skills in Social Work Practice (3).

Interpersonal helping skills lab with emphasis on the development and practice of communication, interviewing and recording skills.

Prerequisite(s): SCWK 395, SCWK 432 (May be taken concurrently), SCWK 433 (May be taken concurrently). Social Work majors only.

Notes: Offered in the fall and spring.

443. Social Work Field Instruction (12:0:12).

Minimum of 520 hours of placement in a human services agency working under social work supervision. Provides opportunity to develop competence as a social work generalist practitioner.

Prerequisite(s): SCWK 395, 432, 433, 434, Social Work majors only.

Corequisite(s): SCWK 463.

Notes: Lab Fee: \$85. A grade of S or U is recorded. Offered in fall, spring and summer.

450. Honors: Selected Topics in Social Work (3).

An independent inquiry, in-depth, into a selected topic in Social Work.

Prerequisite(s): Permission of the Chair.

Notes: Offered in fall, spring and summer.

463. Social Work Field Seminar (2).

A seminar class of discussion, presentations and role playing to accompany field instruction and help integrate the professional identity.

Prerequisite(s): SCWK 431, 432, 433, 434, Social Work majors only.

Corequisite(s): SCWK 443.

Notes: Offered in fall, spring and summer.

SOCIAL WORK/SOCIOLOGY

510. Protective Services For Children and Families (3).

Study of protective services and of the problems of child abuse and neglect, single parent families, foster care, parental rights, etc.
Notes: Offered on demand.

514. Child Welfare: Policies and Practice (3).

A study of child welfare including historical perspectives, current trends and issues, policy and legislation and implications for practice.
Notes: Offered on demand.

516. Social Work in Long Term Care (3).

Provides an overall view of long-term care and highlights social work roles/responsibilities, interdisciplinary team concept, social work techniques with residents and their families.
Notes: Offered on demand.

517. Human Services in Health Care Settings (3).

A study of the development of human services in health care settings and the tasks of social workers in health settings. Health concerns of the general and specific populations will be explored in depth.
Notes: Offered on demand.

536. Seminar on the Aging Family (3).

Factors relevant to the role and status of the aged. Attention to health, retirement income, living arrangements, generational relationship, leisure time, widowhood, resources and future prospects.
Notes: Offered on demand.

539. Family Relationships in Later Life (3).

Overview of later life family relationships including research findings on husband/wife and older parent/adult child.
Notes: Offered on demand.

540. Social Work with Alcoholic Families (3).

Examination of the alcoholic family as a system, including organizing factors; childhood development and resulting adaptive behavior and pathology in adulthood; individual and group intervention within a family context.
Notes: Offered on demand.

550. Special Topics in Social Work (3).

Special topics of timely interest will be given on a one-time basis.
Notes: Offered in the fall, spring, and summer. If interest is great enough the topic may be retaken for additional credit.

SOCIOLOGY (SOCL)

101. Social Problems and Social Policy (3).

Analysis of the types, extent, and causes of social problems; policies and programs directed toward their resolution.
Notes: Offered in fall and spring.

201. Principles of Sociology (3).

Introduction to the perspectives, approaches and basic concepts used in the sociological study of human social behavior.
Notes: Offered in fall and spring.

227. Criminal and Juvenile Justice Systems (3).

Introduction to the development and current organization and operation of the responses of police, courts, and correctional agencies to criminal and juvenile offenders.
Notes: Offered in fall and spring.

301. Comparative Study of Social Institutions (3).

Examination of basic social institutions of modern and developing societies in the world system of nations.
Prerequisite(s): SOCL 101 or 201 or permission of the instructor.
Notes: Offered variable times.

303. Socialization: Self and Society (3).

Study of the social interaction processes through which individuals learn how to perform socially expected roles.
Prerequisite(s): SOCL 101 or 201 or permission of instructor.
Notes: Offered variable times.

304. Death and Grief as Social Processes (3).

Analysis of these experiences as related to society's network of cultural values and organizational structures.
Prerequisite(s): SOCL 101 or 201 or permission of instructor.
Notes: Offered variable times.

309. Urban Sociology (3).

Study of the physical and social structures of cities and urban areas, with special attention to urban problems.
Prerequisite(s): SOCL 101 or 201 or permission of the instructor.
Notes: Offered variable times.

310. Sociology of the Environment (3).

The course examines the effects of human populations and activities on the natural environment. Topics include environmental controversies; population, economic and

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political issues; the environmental movement; and prospects for "sustainable development."
Prerequisite(s): SOCL 101 or SOCL 201, Intro to Environmental Studies, or permission of instructor.
Notes: Offered in fall.

313. Social Inequality (3).

Study of structured inequality in societies, especially the U.S., and its effect on opportunities, style-of-life, and interaction.
Prerequisite(s): SOCL 101 or 201 or permission of the instructor.
Notes: Offered variable times.

314. Race and Ethnic Relations (3).

Review of sociological concepts, theories, and evidence pertaining to race and ethnicity in crosscultural, historical, and modern settings.
Prerequisite(s): SOCL 101 or 201 or permission of instructor.
Notes: Offered in fall and spring.

316. Social Research I: Statistics (4:3:3).

Study of descriptive and inferential statistics as they apply to the social sciences, with computer application.
Prerequisite(s): SOCL 101 or SOCL 201 and General Education math requirement with grade of C or higher or permission of instructor.
Notes: Offered in fall, spring and summer.

319. The Study of Population (3).

Childbearing, death, and migration as processes affecting the growth, composition and distribution of human populations.
Prerequisite(s): SOCL 101 or 201 or permission of instructor.
Notes: Offered variable times.

320. Sociology of Contemporary Africa (3:3:0).

A study of society and culture in Africa today with a focus on economic and political issues; social institutions such as the family and religion; and social issues such as AIDS, gender, and the environment.
Prerequisite(s): SOCL 101 or SOCL 201 or ANTH 201 or permission of instructor.
Notes: Offered in fall and spring.

325. Criminology (3).

Critical analysis of the extent, patterns, and causes of major types of crime and delinquency.
Prerequisite(s): SOCL 101 or 201 or permission of instructor.
Notes: Offered in fall.

328. Sociology of Religion (3).

Scientific study of the relationship between religion and the social order. Topics include (1) church, sect, and cult development, (2) the relationship of religion to other institutions and to social change, and (3) social aspects of individual religiosity.
Prerequisite(s): SOCL 101 or 201 or RELG 201, or permission of instructor.
Notes: Offered variable times.

335. Law Enforcement and Social Control (3).

Analysis of the development of policing and organization and operation of police agencies and how they function in roles as law enforcers, peace keepers, and service agents in modern society.
Prerequisite(s): SOCL 101 or 201, and SOCL 227.
Notes: Offered in the fall.

337. Corrections (3).

Analysis of society's responses in correctional systems to convicted lawbreakers. Attention to development of punishments and penal institutions and organization and operation of current programs from imprisonment to community-based corrections.
Prerequisite(s): SOCL 101 or 201 and SOCL 227.
Notes: Offered in spring.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.
Prerequisite(s): Overall GPA of 2.5 and a minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment.
Notes: For Sociology majors only. Courses may be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in Sociology. A grade of S or U is recorded. Offered variable times.

350. Special Topics in Sociology (3).

In-depth consideration of a specific topic of particular concern in sociology. Course will be offered under various topics.
Notes: It may be repeated for credit under different topics. Offered variable times.

450. Honors: Selected Topics in Sociology (3).

Individual study centered around a special sociological project.
Prerequisite(s): Permission of the Chairperson.
Notes: Offered variable times.

SOCIOLOGY/SPANISH

463. Academic Internship in Sociology (3).

Prerequisite(s): Majoring in Sociology; approval from department. Open only to students majoring in sociology. Prior approval from the department is required. Depending upon the project or placement, specific courses may be required.

Notes: A grade of S or U is recorded. Offered in fall, spring and summer.

498. Senior Seminar in Sociology (1).

Issues, trends, and research in contemporary sociology.

Prerequisite(s): Completion of 21 semester hours in SOCL.

Notes: Offered in fall and spring.

502. Social Theory (3).

Survey of the masters of sociological thought with emphasis upon contributions to contemporary theory.

Prerequisite(s): SOCL 101 or 201 or permission of instructor.

Notes: Offered in fall and spring.

504. The Sociology of Aging (3).

Analysis of the major social forces which affect aging and the ways modern society responds in planning for its elderly.

Notes: Offered variable times. Cross-listed as GRNT 504.

505. Marriage and the Family (3).

Study of mate selection and marital adjustment; also child-rearing, divorce and change in family structure.

Notes: Offered variable times.

506. Sociology of Competitive Sport (3).

Emphasis on the functions of sport for individuals and on sport as a social institution.

Notes: Offered variable times.

515. Social Change (3).

Classical and modern approaches to social change and consideration of long and short-term social trends.

Prerequisite(s): SOCL 101 or 201 or permission of instructor.

Notes: Offered variable times.

516. Social Research II: Methods (4:3:3).

Study of social research methods, with an emphasis on survey research and analyses of quantitative data, and experience carrying out a research project.

Prerequisite(s): SOCL 316 or other basic research courses or permission of instructor.

Notes: Offered in fall and spring.

518. Social Organization (3).

Study of the small group and its influence on the individual, the large organization and society-at-large.

Prerequisite(s): SOCL 101 or 201 or permission of instructor.

Notes: Offered variable times.

520. Sociology of Health and Illness (3).

Social etiology and ecology of disease, sociological factors affecting treatment and rehabilitation and the organization of medical care.

Notes: Offered variable times.

522. Sociology of Education (3).

Examination of American educational institutions with emphasis upon sociological and social psychological links to other social institutions and the wider society.

Notes: Offered variable times.

550 thru 559. Special Topics in Sociology (3).

Notes: Offered variable times.

SPANISH (SPAN)

From time to time an additional course dealing with a special topic in Spanish may be offered if sufficient student interest is indicated and a faculty member is available to teach the course. Consult the department chairperson about such a course.

101. Elementary Spanish (4).

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

102. Elementary Spanish (4).

Prerequisite(s): Students who elect to take a 101 language course must receive at least a C (or S) in that language course before continuing on to 102 of that language.

Notes: Lab Fee: \$25. Offered in fall, spring and summer.

201. Intermediate Spanish (3:3:1).

Prerequisite(s): SPAN 102.

Notes: Lab Fee: \$20. Offered in fall and spring.

202. Intermediate Spanish Conversation (3:3:1).

Prerequisite(s): SPAN 102.

Notes: Lab Fee: \$20. Offered in fall and spring.

203. Ida y Vuelta: A Short Trip to a Spanish Speaking Country (1).

Prerequisite(s): SPAN 102.

Notes: Offered variable times.

210. Special Topics in Language and Culture (2).

Intermediate special topics course whose subject will vary. Among the topics will be Spanish for business, the medical profession, etc.

Prerequisite(s): Completion of SPAN 201.

Notes: Offered variable times. May be retaken for additional credit with permission of Chair, Department of Modern Languages.

250. Introduction to Spanish Literature (3).

Introduces students to literary terminology, genres and problems of reading/translation while systematically reviewing and refining language skills as encountered in Spanish literature.

Prerequisite(s): SPAN 201.

Notes: Offered in spring.

280. The Spanish Film (3).

Introduction to significant examples of foreign language cinema as an art form and as embodiments of the culture of Spanish speaking countries.

Prerequisite(s): 6 hours of intermediate Spanish.

Notes: Offered variable times.

301. Hispanic Civilization and Culture (3).

Emphasis on Latin America.

Prerequisite(s): 6 hours 200-level SPAN.

Notes: Offered variable times.

302. Hispanic Civilization and Culture (3).

Emphasis on Spain.

Prerequisite(s): 6 hours of 200-level SPAN.

Notes: Lab Fee: \$20. Offered variable times.

310. Advanced Grammar and Composition (4).

Prerequisite(s): 6 hours of 200-level SPAN.

Notes: Offered variable times.

313. Conversation (2).

Prerequisite(s): 6 hours of 200-level SPAN.

Notes: Lab Fee: \$20. Offered variable times.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours.

Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For Spanish majors only. Courses may

SPANISH

be repeated for credit; however, a maximum of 3 hours may be applied toward a degree in Modern Languages (Spanish). A grade of S or U is recorded. Offered fall, spring and summer.

351. Phonetics (3).

The study of Spanish phonetics, dialectology and correct pronunciation.

Prerequisite(s): 6 hours of 200-level SPAN.

Notes: Lab Fee: \$20. Offered variable times.

401. Survey of Hispanic Literature (4).

A survey of the literature of the Spanish-speaking world.

Prerequisite(s): At least 6 hours of 200 level SPAN, including SPAN 250.

499. Competency Exam (0).

Notes: A grade of S or U is recorded. Students must enroll for this exam after completion of 18 hours above 102, no later than the second semester of the junior year, and before enrollment in any 500-level course. Offered in fall and spring.

Prerequisite for all 500-level Spanish courses:

Completion of 18 semester hours of Spanish or equivalent or permission of the Chair, Department of Modern and Classical Languages.

504. Cervantes (3).

This course will be a study of the life of Miguel de Cervantes and his masterpiece, Don Quijote de la Mancha.

Prerequisite(s): SPAN 401 and 402.

Notes: Offered variable times.

506. Spanish-American Literature to Modernism (3).

Readings of great literary figures of Spanish America from the Discovery (1492) until 1900.

Representative authors include Ercilla, Sor Juana, Garcilaso, Olmedo, Bello, Sarmiento, Hernandez, Palma, Marti, Dario and Rodo.

Prerequisite(s): 6 hours of intermediate Spanish; SPAN 301 strongly recommended.

Notes: Offered variable times.

507. Modern Spanish-American Literature (3).

Coverage of modern and contemporary Spanish American literature from modernism in 1888 to 1945.

Prerequisite(s): 18 hours of Spanish or equivalent or permission of instructor.

Notes: Offered variable times.

510. Topics in Language and Literature (3).

The thrust of the course will vary, depending on student interest and faculty expertise.

SPANISH/SPECIAL EDUCATION

Notes: May be retaken for additional credit with permission of chair, Department of Modern Languages.

521. Modern Drama (3).

A panoramic survey of the drama since Romanticism to the contemporary scene. Prerequisite(s): 18 hours of Spanish or equivalent or permission of instructor. Notes: Offered variable times.

560. Advanced Conversation (3).

This course is designed to increase the students' competencies in two language skills: comprehension and speaking. Prerequisite(s): SPAN 313 or permission of instructor. Notes: Offered variable times.

575. Spanish Literature in Translation (3).

Readings and discussions of major works of Spanish literature in English translation. A knowledge of Spanish is not required. Course content can vary depending on the instructor. Prerequisite(s): Open to advanced undergraduates and graduate students. Undergraduate Spanish majors cannot use SPAN 575 toward the BA degree. Notes: Offered variable times.

593. Advanced Oral and Written Communication (3).

For students already able to understand, speak and write Spanish who wish to improve these skills while moving toward more natural expression in modern Spanish. Notes: Offered variable times.

595. The Short Story (3).

Readings of the Spanish-American writers of the short narrative beginning with the early 19th-century's Esteban Echeverria and ending with today's short story masters. Prerequisite(s): 18 semester hours of Spanish or permission of chair, Department of Modern Languages. Notes: Offered variable times.

SPECIAL EDUCATION (SPED)

281. Introduction to Special Education (3).

Designed to introduce the student to the major areas of exceptionality. Notes: SPED majors must complete course with grade of C or better. Offered in fall and spring.

292. Laboratory Experience with Exceptional Children (3:1:2).

Designed to provide direct teaching experiences with disabled students under the supervision of a university instructor. Notes: SPED majors must complete course with a grade of C or better. Offered in fall and spring.

330. Physical Education & Recreation for Children with Special Needs (3).

This course is designed to acquaint students with methods, techniques, and activities to be used in assessment of abilities and teaching physical education for children with special needs. Prerequisite(s): Sophomore level or higher.

391. Assessment (3).

This course is designed to teach students how to link formative and summative assessment with instruction. The course meets the Winthrop Intensive Writing requirement. It is to be taken concurrently with EDUC 390 and with SPED 392. Prerequisite(s): SPED 281 and admission to Teacher Education Program. Notes: Intensive Writing course. Offered in fall.

392. Principles of Teaching Exceptional Children (1:0:1).

Provides field experience for linking formative and summative assessment to instruction. Course is taken as corequisite with EDUC 390 and SPED 391. Prerequisite(s): SPED 281 and admission to Teacher Education Program. Notes: A grade of S or U is recorded. Offered in fall.

492. Internship on Interdisciplinary Team (3).

Prerequisite(s): PSYC 305, SPED 392, 471, READ 461 and permission of the instructor. Notes: A grade of S or U is recorded. Not offered this academic year.

All courses in the College of Education numbered above 499 have a prerequisite of junior status or permission of the dean of the College of Education.

555. Career and Vocational Education for the Exceptional Learner (3).

Designed to provide teachers with background knowledge and skills in designing and implementing a comprehensive career and vocational education program. Prerequisite(s): Admission to Teacher Education Program. Notes: Not offered this academic year.

561. Characteristics of Children with Learning Disabilities (3).

An overview of the learning, behavioral and neurological characteristics of children with specific learning disabilities, including terminology and educational implications. Prerequisite(s): Admission to Teacher Education Program. Notes: Offered in fall.

562. Educational Procedures for Learning Disabilities (3).

An in-depth study of remedial techniques, methods and materials for remediation of learning disabilities including non-verbal disorders and disorders of auditory language, arithmetic, reading and spelling. Prerequisite(s): SPED 561 or permission of instructor and Admission to Teacher Education Program. Notes: Not offered this academic year.

575. Teaching Students with Severe Disabilities (3).

The course is designed for in-depth study of students with severe disabilities and appropriate curriculum goals, methods, materials and research. Prerequisite(s): SPED 582 or permission of instructor. Notes: Graduate students may enroll for certification. Offered in fall.

582. Mental Retardation (3).

An in-depth study of the characteristics of individuals with mental retardation including but not limited to intelligence variables, learning factors and family issues. Prerequisite(s): Admission to Teacher Education Program or graduate status. Notes: Offered in fall and spring.

583. Children with Behavioral and Emotional Problems (3).

Course considers child development, personality structure and dynamics emphasizing an understanding of adjustment patterns and coping strategies for children with behavioral and emotional problems in the classroom and community. Prerequisite(s): Admission to Teacher Education Program or graduate status. Notes: Offered in spring.

585. Effective Teaching Practices for Students with Mild Disabilities (3).

Prepares special education majors to provide leadership in maximizing learning experiences of students with disabilities through effective teaching, curriculum planning, modification

SPECIAL EDUCATION/SPEECH

and adaptations of teaching materials and use of technology.

Prerequisite(s): Admission to Teacher Education Program or graduate status. SPED 561 and SPED 583 or permission of instructor. Notes: Offered in fall.

SPEECH (SPCH)

201. Public Speaking (3).

An introduction to principles and procedures of speech communication with emphasis on speech preparation, delivery, and evaluation. Notes: Lab Fee: \$5. Intensive Oral Communication course. Offered in fall, spring and summer.

203. Voice and Diction (3).

Introduction to the speech and hearing process with emphasis on production, phonetics, and voice improvement.

Notes: Lab Fee: \$5. Intensive Oral Communication course. Offered in fall, spring and summer.

304. Small Group Communication (3).

By nature, human beings are social and group-oriented. The extent to which groups are cohesive and/or productive depends upon effective communication among group members. This course is an introduction to theory and practice of small group communication.

Prerequisite(s): SPCH 201 and WRIT 102.

Notes: Offered variable times.

325. Nonverbal Communication (3).

History, theory, and basic principles of nonverbal communication, with study of spatial and social dimensions, and body languages. Emphasis is on effective application in personal, business, and social contexts. Notes: Offered in summer.

340 A, B, C. Cooperative Education Experience (1) (2) (3).

Provides on-the-job training in a professional field related to a student's major or career interests.

Prerequisite(s): Overall GPA 2.5 and minimum of 24 earned undergraduate semester hours. Placement objectives must be approved by Department Chair prior to enrollment.

Notes: For Speech majors only. Courses may be repeated for credit; a maximum of 3 hours may be applied toward a degree in Speech. A grade of S or U is recorded.

Offered in fall, spring and summer.

SPEECH/SPORT MANAGEMENT

351. Introduction to Communication Disorders (3).

An overview of the profession of speech pathology. Includes an introduction to the identification, diagnosis, and intervention of communication disorders including articulation, language, voice, fluency, and hearing. Notes: Offered in fall and spring.

352. Introduction to Phonetics (3).

A study of the development of phonology in the English language. An introduction to the International Phonetic Alphabet and practice in transcription of vowels and consonants. Notes: Offered in fall and spring.

355. Anatomy and Physiology of the Speech and Hearing Mechanisms (3).

Study of the anatomical, physiological and neurological aspects of the speech and hearing mechanisms and their relations to problems of speech and hearing. Prerequisite(s): SPCH 351. Notes: Offered in fall.

360. Articulation and Phonological Disorders (3).

Study of theory, research, and therapeutic techniques for articulation and phonological disorders. Prerequisite(s): SPCH 351, 352 and 355. Notes: Offered in fall.

410. Introduction to Audiology (3).

A study of the fundamentals of hearing science. Includes anatomy and physiology of hearing, physics of sound, and administration and interpretation of hearing tests. Notes: Offered in spring.

425. Stuttering (3).

Theories, diagnostic procedures and therapy techniques in the treatment of disfluent speech. Notes: Offered in spring.

458. Language: Perspectives in Acquisition and Development (3).

Language acquisition and development through the lifespan. Study of biological bases, major developmental theories, structure and semantic aspects and societal variations in content, form and use. Prerequisite(s): SPCH 355. Notes: Offered in fall.

460. Principles of Speech Pathology (3).

A study of the etiologies, diagnostic procedures, and the therapeutic techniques for the organic disorders of speech, including cleft palate, cerebral palsy, aphasia, and voice. 270

Prerequisite(s): SPCH 352 and 355. Notes: Offered in spring.

465. Language Disorders (3).

Study of theory, research, and therapeutic techniques for language disorders. Prerequisite(s): SPCH 351, 352, 458. Notes: Offered in spring.

469. Adult Aphasia and Related Language Disorders (3).

Study of the causes of adult aphasia including syndromes and the evaluation process. Factors in recovery and prognosis will be reviewed. Principles of language treatment are studied with the opportunity for on-site case observation. Prerequisite(s): SPCH 355. Notes: Offered in spring.

SPORT MANAGEMENT (SPMA)

101. Introduction to Sport Management (3).

Introduction to the careers in sport management, including an overview of possible careers in sport management, psychosocial aspects of sport, philosophical foundations, management thought, organizational behavior, business, communication, marketing, intercollegiate athletics, public recreation, event and facility management, and professional sport. Prerequisite(s): SPMA Majors or by permission of instructor. Notes: Offered in fall.

392. Field Experiences in SPMA (3:0:3).

The Field Experiences course is designed to provide junior and senior sport management majors with direct training in the unique phases of a particular sport management setting and environment. Prerequisite(s): To be eligible for enrollment in the Field Experience course, students must meet the following requirements; 1. Junior academic standing as a sport management major. 2. Good academic standing with the university. 3. 2.0 or greater grade point average. 4. Completion of Winthrop University's SPMA 101 course with a grade of C or better. 5. Approval from sport management program coordinator. Notes: Offered in the fall, spring and summer.

492. Internship in SPMA (6:0:0).

Guided, practical experience requiring a minimum of 400 hours contractual work in an appropriate sport management environment. Prerequisite(s): SPMA 392.

Corequisite(s): SPMA 498.
Notes: Offered in fall, spring and summer.

498. Senior Seminar in SPMA (1:1:0).
This seminar for seniors in Sport Management examines current issues, research, evaluation and professional ethics in sports.
Corequisite(s): SPMA 492
Prerequisite(s): SPMA 392
Notes: Offered in the fall and spring.

THEATRE APPLIED TECHNIQUE (THRA)

120. Acting I (3).
Basic techniques of relaxation and concentration, textual analysis, physicalization, characterization and creation of a role.
Development of the actor's craft through scene work emphasizing modern realism.
Notes: Intensive Oral Communication course. Offered in fall and spring.

121. Improvisation (3).
An experiential study of techniques of improvisation for the actor.
Prerequisite(s): THRT 110, THRT 210, THRA 120, THRA 170, THRA 171 with a grade of "C" or better in each course.

160. Stage Make-Up (1:2).
Principles and methods for the design and application of stage make-up.
Prerequisite(s): For Theatre majors and minors only or with permission of the chair.
Notes: Lab Fee: \$15. Offered in fall and spring.

170. Technical Theatre Practicum: Scene Shop (1:0:4).
Supervised work in scene construction and stage lighting.
Notes: Lab fee: \$10. A grade of S or U is recorded. Offered in fall and spring.

171. Technical Theatre Practicum: Costume Shop (1:0:4).
Supervised work in costume construction.
Notes: Lab fee: \$10. A grade of S or U is recorded. Offered in fall and spring.

220. Voice & Movement for the Actor (3:6).
An experiential study of fundamental voice and movement techniques for the actor.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Offered in fall and spring.

SPORT MANAGEMENT/THEATRE APPLIED

260. Stagecraft (3).
The study of technical problems of play production including design, construction and painting of scenery and properties, special effects and stage rigging with practical application to current theatre and dance productions.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Lab Fee: \$30.

261. Stage Lighting (3).
An introduction to the principles of design and to the applied techniques of theatrical lighting.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Lab Fee: \$15. Offered in the fall.

262. Drafting for Theatre (3).
Training in elements of drafting specific to theatre & stage design. Included are groundplans, elevations, perspectives, sections, orthographics and lighting graphics. Includes both manual and computer drafting techniques for theatre.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Offered in the spring alternate years.

320. Acting II (3).
Development of the actor's craft through scene work from realistic, non-realistic and classical texts. More advanced techniques of textual analysis, characterization and creation of a role.
Prerequisite(s): THRA 220
Notes: Offered in spring.

330. Stage Management (3).
A study of the role of the theatrical stage manager; the development of organizational and management skills necessary for total production coordination.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Offered in fall and spring.

331. Directing I (3).
A study of the fundamentals of play directing with practical application through the staging of short scenes.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Lab fee: \$20. Offered in fall and spring.

THEATRE APPLIED/THEATRE THEORY

360. Scene Design (3).

The study and application of the theories and techniques of the design of stage scenery; includes a survey of the history of design for the stage.

Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.

Notes: Offered in the spring alternate years.

361. Costuming (3:2:2).

Study and application of the theories and techniques of theatrical costuming including a survey of historical dress, basic techniques of costume construction, and design for the stage.

Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.

Notes: Offered in the spring alternate years.

362. Sound Technology and Design for Theatre (3).

Introduction to sound equipment & techniques used in theatrical productions as well as the application of these to sound design for theatre.

Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.

Notes: Offered in the spring alternate years.

370. Practicum (1).

Individually supervised work in theatre performance and/or production.

Prerequisite(s): Permission of the Chair of Theatre and Dance.

Notes: May be repeated for credit for up to six hours. Offered in fall and spring.

411. Auditioning (1:0:2).

Preparation of student actors for graduate school and/or regional theatre auditions. Students will develop an audition portfolio and a personal strategic plan.

Prerequisite(s): Theatre major, performance emphasis, junior status.

Notes: Offered in the spring.

412. Portfolio Development (1:1:0).

Examination of career options for design/technical students and development of resumes, portfolios and other materials required to pursue those career choices.

Prerequisite(s): Theatre major, design technical emphasis, and junior status.

Notes: Offered in the spring.

420. Acting III (3).

Development of the actor's technique in scenes taken from major historical periods of drama,

emphasizing genres other than realism.

Prerequisite(s): THRA 320

Notes: Offered in the fall.

430. Directing II (3).

A study of directing theories and criticism with an individually supervised production of a one-act play for public presentation.

Prerequisite(s): THRA 330, 331.

Notes: Lab Fee: \$40. Offered in fall and spring.

471. Internship in Theatre (3).

A faculty supervised/coordinated work affiliation in theatre.

Prerequisite(s): Theatre major, junior status with permission of the Chair of the Department of Theatre and Dance.

Notes: Offered in fall and spring.

521. Creative Dramatics (3).

Exploration of the use of creative drama techniques and their use in the development of units and lesson plans for the theatre classroom and across the curriculum.

Prerequisite(s): Education major or minor, Junior status.

570. Advanced Practicum (3).

Supervised direction or design of a full-length theatre production.

Prerequisite(s): Permission of Chair.

Notes: Offered in fall, spring and summer.

THEATRE THEORY (THRT)

110. Introduction to Design for Theatre (3:3).

Introduction to the scenographic elements of theatrical production, with focus on the process, techniques, skills and talents of the designers who create the look of the production.

Notes: Offered in fall and spring.

210. Script Analysis (3).

Theoretical and practical analysis of playscripts from a theatrical perspective.

Notes: Offered in the fall.

212. African-American Theatre (3).

A comprehensive study of several significant African-American playwrights and their influence on the American (and world) theatre.

Notes: Offered in the spring alternate years.

298. Theatre Appreciation (3).

An introductory course designed to increase awareness and enjoyment of theatre through reading, attending plays, studying the

historical relationship of theatre and society, and exploring the creative process of theatre (acting, designing, directing, etc.).
Notes: Not recommended for theatre majors. Offered in fall and spring.

310. Theatre History and Literature I (3).

A comprehensive survey of the development of world theatre and drama from their origins to 1800, including theatre architecture, theatrical conventions and theatre's relationship to society in each period.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Offered in fall.

311. Theatre History and Literature II (3).

A comprehensive survey of the development of world theatre and drama from 1800 to the present, including theatre architecture, theatrical conventions, and theatre's relationship to society in each period.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Intensive Writing course. Offered in spring.

312. History of Dress and Decor (3).

A survey of the major trends in clothing, decor and furniture from ancient to modern periods. Emphasis will be on the development of research skills and the application of period styles to theatrical productions.
Prerequisite(s): THRT110, THRT210, THRA120, THRA170, THRA171 with a grade of "C" or better in each course.
Notes: Offered in the spring alternate years.

340. Cooperative Education Experience in Theatre (3) (2) (1).

A cooperative education experience in a specified area of theatre that provides on-the-job training in a professional field related to a student's major or career interest.
Prerequisite(s): Overall GPA of 2.5, junior status, permission of Chair.
Notes: A grade of S or U is recorded. Offered in fall, spring and summer.

391. Principles of Teaching Theatre (3).

A survey of various research-based instructional planning methodology, classroom management, curricula and evaluations of teaching and learning in theatre.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): THRT 392 and EDUC 390.
Notes: Offered in the fall.

THEATRE THEORY

392. Field Experience in Teaching Theatre (1:0:8).

This course uses laboratory experiences equivalent to 28 halfdays to lead theatre education students through an exploration and examination of various research-based programs of instructional planning, methodology, classroom management and evaluation of teaching and learning to complement content covered in THRT 391.
Prerequisite(s): Admission to Teacher Education Program.
Corequisite(s): THRT 391 and EDUC 390.
Notes: Offered in the fall.

512. Dramaturgy (3).

A research-centered exploration of plays from a dramaturgical perspective. Students will serve as dramaturgs for departmental productions and design educational materials for out-reach into the school and community. Scripts will be examined from a variety of critical stances.
Prerequisite(s): THRA 330, 331, THRT 310 and 311.

571. Independent Study (1).

An individually designed study or creative project specific to the aptitudes and interests of the student.
Prerequisite(s): Theatre major, junior status with permission of Chair of Theatre and Dance.
Notes: Course may be repeated for credit.

572. Independent Study (2).

An individually designed study or creative project specific to the aptitudes and interests of the student.
Prerequisite(s): Theatre major, junior status with permission of Chair of Theatre and Dance.
Notes: Course may be repeated for credit.

573. Independent Study (3).

An individually designed study or creative project specific to the aptitudes and interests of the student.
Prerequisite(s): Theatre major, junior status with permission of Chair of Theatre and Dance.
Notes: Course may be repeated for credit.

590-599. Special Topics in Theatre (1, 2, or 3).

Extension of individual opportunities in theatre beyond existing departmental curriculum limits.
Prerequisite(s): Permission of chair, Department of Theatre and Dance.
Notes: Offered in fall and spring.

VOCATIONAL EDUCATION/WELLNESS/WOMEN'S STUDIES
VOCATIONAL EDUCATION (VCED)

211. Garment Design and Structure I (3:1:4).
Fundamental fitting and construction techniques in relation to design quality and structure compatibility.
Notes: Lab Fee: \$20. Offered in spring.

231. Children and Families (2).
Introduction to development of children and families.
Notes: Offered in fall.

340. Cooperative Internship Experience (3).
A cooperative internship experience providing training in a professional environment. A maximum of 6 hours of credit may be applied toward any baccalaureate degree in the College of Education.
Notes: A grade of S or U is recorded. Offered in fall, spring, and summer.

381. Intermediate Textiles (3:1:4).
Study of the physical and chemical properties of fibers used for apparel, interior furnishings and industrial products. Origin, manufacture and merchandising of textiles are studied from a global perspective.
Notes: Lab Fee: \$10. Offered in fall.

401. Consumer Economics and Resource Management (3).
Consumer Economics and Resource Management focuses on the global nature of our economy and the types of decisions needed to become a rational and discerning consumer.
Notes: Offered in spring.

450. Honors: Selected Topics in Vocational Education (3).
Preparation and execution of an honors project.
Prerequisite(s): 16 semester hours in NUTR, VCED course and consent of faculty advisor.
Notes: A grade of S or U is recorded. Not offered this academic year.

491. Cooperative-Internship Experience (3).
A cooperative-internship experience providing training in a professional environment. A maximum of 3 hours of cooperative-internship experience credit may be applied toward any Bachelor of Science degree in the College of Education.
Notes: A grade of S or U is recorded. Not offered this academic year.

All courses in the College of Education numbered above 499 have a prerequisite of junior status or permission of the dean of the College of Education.
274

500. Contemporary Issues: The Professional and Family Living (3).
Focus on synthesizing knowledge related to the dynamics and improvements of family life.
Notes: Offered in fall and spring.

501. Residential Technology (3).
This course examines the many technological changes that have affected the family residence. Sound and visual equipment, computers, home office, and innovative household equipment will be studied.
Prerequisite(s): VCED 401.
Notes: Lab fee: \$25. Offered in spring.

551 thru 569. Special Topics: Vocational Education (1) (2) (3).
Application of research to current problems in teaching.
Notes: Not offered this academic year. May be retaken for additional credit.

573. Vocational Cooperative Education (3).
Emphasizes elements common to all areas of cooperative programs. These include recruitment, selection, initiation, organization, counseling and placement of students in work situations.
Notes: Offered in fall.

WELLNESS (WELL)

301. Wellness: Health Risk Assessment and Management (3).
Health risk evaluation and identification of relationships among nutrition, anthropometric measurements, substance abuse, emotions, stress and health.
Notes: Offered on demand.

WOMEN'S STUDIES (WMST)

300. Introduction to Women's Studies (3).
An interdisciplinary, multicultural study of women's roles and their struggle for equality. Historical, anthropological, biological, and social influences affecting women will be examined. Recommended for students with sophomore standing or higher.
Notes: Offered in fall.

450. Special Topics in Women's Studies (3).
In-depth or specialized inquiry into women's studies topics or issues.
Prerequisite(s): Permission of instructor.
Notes: Offered on demand.

WRITING (WRIT)

WRIT 101 is a prerequisite for WRIT 102. WRIT 102 is a prerequisite for all WRIT courses above 102. Students must attain a grade of C or better in these courses.

101. Composition (3).

Writing assignments beginning with personal experience narratives and progressing to academic essays incorporating paraphrased and quoted material from multiple sources. Critical reading and review of grammar and usage.
Notes: Offered in fall and spring.

102. Composition (3).

A continuation of 101 with emphasis on argumentative and persuasive writing, essay examinations, and the library research paper. Prerequisite(s): WRIT 101 with a grade of C or better.
Notes: Offered in fall, spring and summer.

111. Writing for Non-native Speakers (1).

Designed for non-native speakers of English. Course will address sentence-level issues (verb tenses, prepositions, idioms, articles) and the structure of the American essay.
Notes: Cannot be counted toward graduation requirements. A grade of S or U is recorded. Offered in fall.

300. Rhetorical Theory (3).

An historical survey of rhetorical theory as it relates to written texts, beginning with classical rhetoric but with special emphasis on the twentieth century.
Prerequisite(s): WRIT 102.
Notes: Intensive Writing course. Offered in spring of odd years.

307. Fiction Writing (3).

A study of literary devices and techniques designed to provide the writer with basic fiction writing skills.
Prerequisite(s): WRIT 102.
Notes: Offered in fall and spring.

316. Poetry Writing (3).

An introductory workshop course focusing on student poems: writing, discussing, critiquing, and rewriting. Emphasis also on reading contemporary poetry. Introduction of literary magazines and publications.
Prerequisite(s): WRIT 102.
Notes: Offered in fall and spring.

WRITING

350. Introduction to Composition Theory and Pedagogy (3).

An overview of contemporary theory about the learning and teaching of composition, plus intensive work in writing, revising, and editing. Designed primarily for students who are pursuing teacher certification.
Prerequisite(s): WRIT 102 required; junior status recommended.
Notes: Intensive Writing course. Offered in the fall.

351. Advanced Non-Fiction Writing Workshop (3).

An advanced workshop course in writing non-fiction essays.
Prerequisite(s): WRIT 102.
Notes: Intensive Writing course. Offered in the spring of even years.

431, 432, 433. Academic Internship in Writing (1) (2) (3).

Practical experience in selected activities related to writing skills gained in the major.
Prerequisite(s): 12 hours of ENGL (including ENGL 300) and/or WRIT courses beyond WRIT 102 and a 2.5 GPA or permission of Department Chair.
Notes: Open to English majors only. Offered in fall and spring.

461, 462. Internship in Science Communication (3) (3).

Practical experience in science communication through work in area governmental and business institutions under the supervision of program faculty.
Prerequisite(s): Prior approval from program director and Dean of the College of Arts and Sciences.
Notes: Offered in fall and spring.

465. Preparation of Oral and Written Reports (3).

The practical study of audience analysis, purpose, format, organization, and style in written and oral reports.
Prerequisite(s): Junior status and C or better in WRIT 102.
Notes: Intensive Writing and Intensive Oral Communication course. Offered in fall, spring, and summer.

500. The Theory and Practice of Tutoring Writers (3:3:1).

Advanced study of the theory and practice of tutoring writers with particular attention to the composing process, theories of learning in a conference setting, and rapid analysis of student writing with the goal of engaging

WRITING

student writers in posing solutions to their writing problems.

Prerequisite(s): At least one intensive writing course beyond WRIT 102 and permission of instructor or graduate standing.

Notes: Offered in fall.

507. Short Story Writing (3).

An examination of contemporary short fiction and completion of 10,000 words comprising two to four original works.

Prerequisite(s): WRIT 307 or graduate status.

Notes: Offered in fall and spring.

516. Poetry Writing II (3).

An advanced workshop course similar to WRIT 316 in format. More critical analysis of established poets. Additional work on traditional forms.

Prerequisite(s): WRIT 316 or permission of instructor or graduate status.

Notes: Offered in fall and spring.

530. Script Writing (3).

A workshop course in media script writing with an emphasis on theatre.

Prerequisite(s): WRIT 102 or graduate status.

Notes: Available on sufficient demand.

566. Technical and Scientific Writing (3).

Intensive training in organization, format, and style of scientific and technical writing.

Prerequisite(s): WRIT 102 or graduate status.

Notes: Intensive Writing and Intensive Oral Communication course. Offered in the spring term.

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Faculty Awards

Distinguished Professor. The highest honor the Winthrop community can bestow upon a faculty member is the title Distinguished Professor of the year. The selection indicates exceptional skill in teaching, significant research or creative effort, high standing among professional colleagues, and general service to the University. This honor is accompanied by an award from the Winthrop Alumni Association.

1961	Harold B. Gilbreth
1962	Hampton M. Jarrell
1963	Nolan P. Jacobson
1964	Alice Louisa Love
1965	Mary Elizabeth Massey
1966	Dorothy Gardner Jones
1967	John Shepard Eells Jr.
1968	Rondeau G. Laffitte Jr.
1969	Robert P. Lane
1970	William G. Murdy
1971	Helen A. Loftis
1972	Mary T Littlejohn
1973	John A. Freeman
1974	Lawrence D. Joiner
1975	Roy T. Will
1976	Patricia R. McClendon
1977	Ross A. Webb
1978	Earnest R. Archer
1979	Edmund D. Lewandowski
1981	Michael L. Kennedy
1983	James A. Casada
1984	Anthony Lerro
1985	Dorothy M. Medlin
1986	James F. Crook
1987	Robert S. Kline

1988 Rosemary E. Althouse
 1989 Joe Prus
 1990 Keith Bildstein
 1991 Jason H. Silverman
 1992 Gerald Perselay
 1993 Elda Franklin
 1994 Earl J. Wilcox
 1996 Jack W. Weaver
 1997 Gordon N. Ross
 1998 Alfred Ward
 1999 Darrell Parker
 2000 Donald Friedman
 2001 Gary Stone
 2002 William Rogers
 2003 Betty Lou Land

Outstanding Junior Professor. This award recognizes excellence among assistant professors. Selection indicates a reputation for inspired teaching, research or creative excellence, and dedication to the welfare of students. This honor is accompanied by an award from the Council of Deans.

1981 Keith L. Bildstein
 1982 Kent E. Foster
 1983 William F. Naufftus
 1984 Benjamin M. Hawkins
 1985 Jason H. Silverman
 1986 Susan J. Smith
 1987 Larry L. Hatcher
 1988 Sherrie L. W. Rhine
 1989 Elnora Stuart
 1990 Phil Moody
 1991 Margaret Johnson
 1992 Martin A. Knoll
 1993 Lynn Willoughby
 1994 Julian Smith III
 1995 Jonathan Marx and Jeannie Woods
 1996 Susan J. Marks
 1997 Thomas W. Polaski
 1998 Janice B. Chism
 1999 Karen Kedrowski
 2000 Alice Burmeister
 2001 Sandy Wilson
 2002 Keith Benson
 2003 Kelly Hewett

James Pinckney Kinard and Lee Wicker Kinard Award for Excellence in Teaching. The James Pinckney Kinard and Lee Wicker Kinard Award for Excellence in Teaching, established in honor of former president James Pinckney Kinard and his wife, Lee Wicker Kinard, in 1984 by their family, is based on dedication to teaching, reputation on cam-

FACULTY AWARDS/FACULTY
 pus for teaching, and reputation among students. This honor is accompanied by a cash award.

1984 Roger R. Baumgarte
 1985 Houston A. Craighead Jr.
 1986 Edward P. Guettler
 1987 Jerry Lee Helton
 1988 Susan L. Roberts
 1989 William Murdy
 1990 David Rankin
 1991 Betty Lou Land
 1992 Gary L. Stone
 1993 Rondeau G. Laffitte
 1994 Phil Thompson
 1995 William Naufftus
 1996 Phil J. Moody
 1997 Ralph Gustafson
 1998 Charles Alvis
 1999 Marsha Bollinger
 2000 Robert Breakfield
 2001 Jonathan Marx
 2002 Gloria Jones

Faculty/Student Life Award. Presented by the Division of Student Life at the Fall Commencement. In recognition of a faculty member that has significantly contributed to the quality of Student Life and the Winthrop University community of learners.

1990 Edward P. Guettler
 1991 James W. Johnston
 1992 Roger R. Baumgarte
 1993 W. Martin Hope
 1994 Sonja Francis
 1995 Joyce Veale
 1996 Joe Prus
 1997 Gary Stone
 1998 Jennifer Solomon
 1999 Gloria Jones
 2000 Alice Burmeister
 2001 Jeff Sinn
 2002 Antigo Martin-Delaney

Undergraduate Faculty-2002-2003

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 Assistant Professor of Art and Design
 MEd, University of Florida

MARY ADKINS
 Assistant Professor, Library Services
 MLIS, University of South Carolina

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Associate Professor of Psychology
PhD, University of South Carolina

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Lecturer in English
MA, Winthrop University

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Lecturer in Mathematics
MMth, Appalachian State University

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Associate Professor of Business
Administration-Accounting
MBA, Winthrop University

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Professor of Psychology
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Administration - Management
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EdD, University of Florida

JACQUELINE F. BRIDGES

Assistant Professor of Library Science
MAT, Winthrop University

ROBERT O. BRISTOW

Professor of Communications
MA, University of Oklahoma

SIDNEY D. CALKINS

Assistant Professor of Mathematics
MS, Florida State University

JAMES A. CASADA

Professor of History
PhD, Vanderbilt University

JESS T. CASEY

Professor of Music
AMusD, Eastman School of Music

E. ANN CHAMBERS

Assistant Professor of Physical Education
MEd, University of North Carolina at Chapel
Hill

EDWARD W. CLARK

Professor of English
PhD, University of Wisconsin

EMMA KATHERINE COBB

Assistant Professor of Business Administra-
tion-Business Education
MS, University of North Carolina

J. ROBERT COOPER,

Professor of Economics
PhD, University of Virginia

EMERITI

NEIL R. COVINGTON

Professor of Social Work
PhD, Florida State University

BENNY COXTON

Associate Professor of Education
EdD, Duke University

ELMER THOMAS CROWSON

Assistant Professor of History
MA, American University

WILLIAM W. DANIEL, JR.

Professor of Philosophy and Religious
Studies
PhD, Duke University

NANCY DAVIDSON

Assistant Professor and Reference Librarian
ML, University of South Carolina

JOE B. DAVIS

Professor of Chemistry
PhD, Clemson University

LUCKETT V. DAVIS

Professor of Biology
PhD, Duke University

SPENCER DAYTON

Assistant Professor of French
BA, Louisiana State University

SUSANNA V. DUCKWORTH

Professor of Special Education
PhD, University of North Carolina at Chapel
Hill

ROBERT A. EDGERTON

Professor of Music
DM, Indiana University

ALLEN D. EDWARDS

Professor of Sociology
PhD, Duke University

FRANCES D. ELLISON

Assistant Professor of Library Science
ML, University of South Carolina

GERALD FISH, JR.

Assistant Professor of Geography
PhD, University of California-Berkeley

MARY W. (POLLY) FORD

Professor of Physical Education
PhD, University of Iowa

A. DAVID FRANKLIN

Professor of Music
PhD, Florida State University

ELDA E. FRANKLIN

Professor of Music
EdD, University of North Carolina at
Greensboro

JOHN ALDERMAN FREEMAN

Professor of Biology
PhD, Duke University

JOHN GALLIEN

Professor of Special Education
EdD, University of Virginia

DAVID A. GOVER

Professor of Sociology
PhD, University of North Carolina at Chapel
Hill

J. MICHAEL GRIFFIN

Associate Professor of Education and Chair,
Department of Counseling and
Leadership
EdD, Virginia Polytechnic Institute and State
University

MARY ROLAND GRIFFIN

Professor of Education
PhD, Louisiana State University

KENNETH W. GRIGG

Associate Professor of Biology
PhD, University of Miami

EDWARD P. GUETTLER

Professor of Mathematics
PhD, University of Miami

RALPH A. GUSTAFSON

Professor and Chair, Department of Biology
PhD, University of Texas at Austin

LOUISE R. HASSENPLUG

Assistant Professor of Home Management
MS, University of Illinois

EMERITI

BETTIE McCLASKEY HAUSER
Assistant Professor of Education
PhD, University of North Carolina at
Greensboro

HUGH C. (TOBY) HAYNSWORTH
Professor of Quantitative Methods
PhD, Clemson University

FREDERICK M. HEATH
Professor of History
PhD, Columbia University

BILLY G. HODGES
Professor of Mathematics
PhD, University of Oklahoma

JAMES DONALD HORST
Associate Professor of German
PhD, Vanderbilt University

RICHARD D. HOUK
Professor of Biology
PhD, Florida State University

DOROTHY GARDNER JONES
Professor of Sociology and Social Work
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Hill

MARJORIE KELCHNER
Assistant Professor of Business
Administration
MA, Colorado State University

DAVID MOORMAN KERLEY
Professor of Business Administration-
Computer Science
PhD, American University

ELIZABETH N. KING
Associate Professor of Biology
PhD, Duke University

ROBERT S. KLINE
Professor of Management
DEd, University of Pittsburgh

RONDEAU G. LAFFITTE, JR.
Professor of Psychology
PhD, University of Michigan

ANN LISTER
Associate Professor of Education
PhD, University of North Carolina at Chapel
Hill

MARY T LITTLEJOHN
Professor of Education
PhD, University of North Carolina at Chapel
Hill

WILBUR D. LIVINGSTON
Professor of Education
PhD, University of South Carolina

ALICE L. LOVE
Professor of English
PhD, University of North Carolina- Chapel
Hill

DAVID M. LOWRY
Professor of Music
DMA, University of North Texas

JOANNE LUNT
Professor of Theatre and Dance
EdD, University of North Carolina-
Greensboro

ALBERT M. LYLES
Professor of English and Dean, College of
Arts and Sciences
PhD, Rutgers University

ROY V. MAGERS
Assistant Professor of Music
PhD, Indiana University

PATRICIA R. McCLENDON
Professor of Reading
PhD, Florida State University

JEAN W. McFARLAND
Art and Design
MFA, University of Georgia

SUSIE NORWOOD McKEOWN
Associate Professor of Library Science
AMLS, University of Michigan

DOROTHY M. MEDLIN
Professor of French
PhD, Tulane University

JOE D. MILLS
Professor of Sociology
PhD, University of Wisconsin

JOHN W. MILSTEAD
Associate Professor of Sociology
PhD, Louisiana State University

EMERITI

MARY R. MINTICH

Professor of Art and Design
MFA, University of North Carolina at
Greensboro

LOUISE B. MURDY

Associate Professor of English
PhD, University of Florida

WILLIAM G. MURDY

Professor of Psychology
PhD, University of Florida

JOHN B. OLSON

Professor of Biology
PhD, University of Illinois at Urbana

JERRY H. PADGETT

Dean of the College of Business Administra-
tion and Professor of Economics
PhD, Purdue University

SARA ANN PANTANO

Assistant Professor of Art
MEd, Pennsylvania State University

GERALD PERSELAY

Professor of Management
DBA, George Washington University

NAN ELIZABETH PLEXICO

Assistant Professor of Library Science
BLS, Louisiana State University

KATHRYN SUMMERS POWELL

Professor of Family and Child Development
PhD, Florida State University

ORRIN BERT POWELL

Professor of Education
EdD, Florida State University

MARY BETH QUICK

Assistant Professor of Library Science
ABLS, Emory University

DAVID L. RANKIN

Professor of English
PhD, Rensselaer Polytechnic Institute

JAMES N. REES

Assistant Professor of Psychology
PhD, Duke University

CHRISTOPHER M. REYNOLDS

Professor of Theatre
PhD, University of Michigan

JOHN S. REYNOLDS

Professor of Education
EdD, University of Tennessee at Knoxville

LESSIE M. REYNOLDS

Professor of English
PhD, University of Michigan

GEORGE H. ROBINSON

Associate Professor of Education
EdD, Indiana University

GORDON N. ROSS

Professor of English
PhD, University of Florida

PAUL O. SANDERFER

Associate Professor of Chemistry and
Physical Science
PhD, University of Florida

MARY SCHWEITZER

Professor of Anthropology
PhD, New School for Social Research

ANNE SEVIER

Assistant Professor of English
MA, University of South Carolina

THOMAS A. SHEALY

Assistant Professor of Latin and French and
International Student Advisor
MA, Laval University

CURTIS SHERMAN

Professor of Art and Design
MA, University of California-Los Angeles

ANNETTE SHINN

Associate Professor of Library Science
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SUSAN J. SMITH-REX

Professor of Special Education
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JACQUELINE R. STACKHOUSE

Assistant Professor of Social Work
MSS, Smith College

EMERITI

REX V. STAMBAUGH

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ROSS A. WEBB

Professor of History
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EARL J. WILCOX

Professor of English
PhD, Vanderbilt University

ROY TEMPLETON WILL

Professor of Music
PhD, Eastman School of Music

CHARLES K. WOODRUFF

Associate Professor of Business
Administration-Management
PhD, Georgia State University

JOSEPH W. ZDENEK

Professor of Spanish
PhD, University of Madrid, Spain

Scholarships and Awards

Scholarships

Except as otherwise indicated, the value of scholarships will vary according to the availability of funds. Unless otherwise stipulated, all scholarship awards are made on the basis of scholarship, character, leadership, service, and need. Scholarships are awarded annually by the Deans or the Scholarship Committee.

Abercrombie Girls Endowed Scholarship. This scholarship was established by Elizabeth Abercrombie Godfrey '38 in honor of her sister, Pauline Abercrombie Fanning '35 and in memory of her sisters Mills Abercrombie Ashcraft '26 and Jessee Abercrombie Roberge '26. The fund will support students majoring in Education.

Sophie Marshall Albright Scholarship. Established by C.H. Albright, former mayor of Rock Hill, in honor of his wife, an alumna. The scholarship is awarded to a worthy member of the senior class of Rock Hill High School.

Edna Fletcher Allen Endowed Scholarship. This scholarship was established by Margaret and Edward Barclay in memory of Edna Fletcher Allen. The fund will support students majoring in Human Nutrition.

J. Barnwell and Mary Blair Allison Scholarship Fund. This scholarship was established in memory of J. Barnwell and Mary Blair Allison. It is to be exclusively for scholarships for students in the College of Business.

The Peggy Johnson Altman Music Scholarship Fund. This scholarship is awarded to a student who is pursuing an undergraduate degree in the Department of Music with a demonstrably strong interest in a career in music education, sacred music or the performance of classical music. Academic performance and potential, musical talent, strong moral character, and integrity. Selection is made by the Chair of the Department of Music.

American Schlafhorst Foundation Scholarship. This scholarship is awarded to students from York County in South Carolina and Gaston, Mecklenburg, Cabarrus and Union Counties in North Carolina, majoring in education. The recipients will be seniors who maintain a 3.0 grade point average and demonstrate financial need.

The Ina M. Anderson Scholarship. Established by Ina M. Anderson in memory of her sister, Grace Anderson.

John Gary Anderson Scholarship. One of Winthrop's most prestigious scholarships is given to an entering freshman who has shown superior academic qualifications. The award was established by the descendants of Mr. Anderson, a distinguished Rock Hillian in the late 1800's and early 1900's.

Louise Dowling Anderson Scholarship. Academic scholarship established in memory of Louise Dowling Anderson, a 1933 Winthrop graduate.

Vivian Brockman Anderson Endowed Scholarship. This Scholarship was established by John C. Anderson in honor of his wife, Vivian Brockman Anderson, Winthrop Class of 1945. The purpose of the fund is to provide scholarship for students majoring in Interior Design.

Elizabeth Cottingham Ashley Scholarship. Established in 1994 by George Ashley in memory of his wife, Elizabeth Cottingham Ashley, Winthrop Class of 1939, this is a permanent endowment fund created to provide financial assistance for one or more undergraduate students at Winthrop University. This scholarship will be awarded with preference given to a student from Dillon County, South Carolina.

Bank of America Scholars Program. Eligible students are those who are in need of scholarship assistance and maintain scholastic academic average as required by the College of Business. Student selection will be made by the Dean of the College of Business.

Four Bankhead Sisters Scholarship. Established in 1993 by Annie Bankhead Heathershaw, class of 1938, as a tribute to

her three sisters, Mildred Bankhead Anderson '20, Janie Webb Bankhead McCleave '28, Ola Bankhead Lee '36, and herself. This scholarship will be awarded with preference given to a student from Chester County, South Carolina and based on financial need.

The Lilla Blanche Baldwin Scholarship. Established in memory of his mother by Dr. Marion Baldwin.

Jean Rast Baldwin Scholarship. Established in 1993 by Captain, USN (Ret.) and Mrs. Charles A. Baldwin, in honor of Jean Rast Baldwin, Class of 1940. This is a permanent endowment fund created to provide financial assistance for one or more students at Winthrop University.

Blair E. Beasley, Jr. Directing Scholarship. This scholarship was established by Anne Fletcher in honor of her husband, Blair E. Beasley, Jr. This fund will provide a scholarship for a theatre or dance major who demonstrates excellence in directing.

Helen Kesler Beckham Memorial Endowed Scholarship. Established in January 1993 by Georgie D. Beckham, Winthrop Class of 1932, this is a permanent endowment fund created in memory of her daughter Helen Kesler Beckham, PhD, a respected educator and Phi Beta Kappa graduate of Duke University 1963, to provide financial assistance for one or more students at Winthrop University. This scholarship will be awarded with preference given to a high-achieving student at the end of the second year of study, a resident of South Carolina, a foreign language major, and consideration may be given to study abroad for the summer between the Junior and Senior years. This scholarship is renewable for the fourth year.

Claude Shell Billings Scholarship. Established in 1993 by the Estate of Claude Allen Shell Billings '17 in her memory. This scholarship will be awarded with preference given to a student majoring in early childhood education.

Mildred V. Billings Endowed Scholarship in Education. Established by the Estate of Helen L. Robinson in memory of Mildred V. Billings '24, this scholarship will be awarded with preference to undergraduate

SCHOLARSHIPS AND AWARDS

students majoring in early childhood education.

Robyn T. Bixenman Endowed Scholarship. This scholarship was established by Dr. William Bixenman and Mr. Robert Breakfield in memory of Robyn T. Bixenman. The fund will provide an academic scholarship to a rising junior in the College of Business with an option in Health Services Management who also demonstrates financial need.

Martha D. Bishop Endowed Scholarship. Established by Dr. Martha D. Bishop, educator, faculty member and Professor Emeritus of Winthrop's College of Education, this scholarship will be awarded to students majoring in elementary education or early childhood education.

The Black Greek Association Scholarship. Established by the Black Greek Association, this scholarship is awarded annually to an upperclassman. Selection will be made by a committee of faculty and staff.

The Julie L. Blackwelder Scholarship. The Julie L. Blackwelder Endowed Scholarship was established in 1989 in memory of Julie L. Blackwelder, Class of 1984, by her parents, Mr. and Mrs. R.F. Blackwelder and her sister, Ingrid Blackwelder. Preference is given to students from Pickens County, South Carolina.

Ruth McAlister Bowen Scholarship. Established in 1993 by Dr. Margaret Bowen DeVore '51, Dr. Ann Bowen Warner '47, and Mr. John Reese Bowen, in memory of their mother and teacher, Ruth McAlister Bowen '26. To provide financial assistance for one or more students at Winthrop University.

The Sam Breen Scholarship. Established in memory of the late Sam Breen, an outstanding businessman, from funds given to the College of Business Administration. Awarded annually to the junior initiate of Beta Gamma Sigma with the highest GPA.

Mary Dean Brewer Endowed Scholarship. This scholarship was established in honor of Mary Dean Brewer, Winthrop Class of 1963. The fund will provide scholarships for students who are residents of South Carolina.

SCHOLARSHIPS AND AWARDS

Susie Kortjohn Britton Scholarship. Established in 1988 in honor of Susie Kortjohn Britton, by her children, Mary Sue McElveen of Lake City, South Carolina, and her sister, Harriet Stackhouse of Pensacola, Florida. The scholarship will be awarded to a sophomore who has been admitted into the Teacher Education Program at Winthrop University.

Mary Frances Sowell Bruce Endowed Scholarship. Established in 1991 for the purpose of attracting outstanding students to Winthrop University. For first year students who meet the requirements of the Winthrop Scholars program and are American citizens. Preference shall be given to students who meet the following qualifications in this order: A resident of Chesterfield County who is majoring in Home Economics; a student from Chesterfield County in any field of study as long as the student meets the academic requirements and has financial need; any student from SC studying Home Economics who meets the academic requirements and has financial need.

The Estelle Hyman Brunow Scholarship. Established by Mrs. Brunow; awarded to a deserving student.

R.L. Bryan Scholarship in Business Administration. Established by the Board of Directors of the R.L. Bryan Company, the scholarship will be awarded to a student who has demonstrated merit in scholarship and leadership. Preference will be given to a son or daughter of an employee of R.L. Bryan Company, provided he or she meets the criteria for the award.

Eleanor Norris Burts Scholarship. Established in February 1993 by David M. and Julie B. Cline and the Winthrop University Foundation, this is a permanent fund created to honor Eleanor Norris Burts, Winthrop Class of 1937, and to provide annual financial assistance for one student at Winthrop University. This scholarship will be awarded with preference given to a full-time student of high moral and ethical standards and financial need is a major consideration. A student may receive the award in consecutive years so long as they maintain a minimum of a C-plus average.

The Helen K. Bussell Scholarship. Established by the late Mrs. Bussell. Awarded to

a rising senior who has a superior scholastic record and who is majoring in modern language.

The Imogene Sanders Buzhardt Scholarship. Established in memory of Imogene Sanders Buzhardt, Class of 1943, by her children. The scholarship is awarded to freshmen who have demonstrated financial need.

The Maude B. Byrnes Scholarship. Established in honor of his wife by the Honorable James F. Byrnes, distinguished South Carolina statesman.

Annie Derham Cato Scholarship. Established in 1995 by Wayland H. Cato, Jr. in memory of Mr. Cato's mother, Annie Derham Cato, Class of 1911. This is a permanent endowment fund created to provide financial assistance for one or more female students evidencing an interest in careers in business and who live in communities in which the Cato Corporation has a market presence, and who demonstrate financial need and academic distinction.

Chesterfield Manufacturing Scholarship. Established by the Chesterfield Manufacturing Corporation to provide one scholarship each year in an amount equal to the tuition and academic fees payable in that year. Preference is given to an employee or dependent of the corporation. If there are no employee or dependent applicants, the scholarship may be given to a student with a declared major in the study of interior design.

The Nancy Love Clark Scholarship. Established by Mr. Henry Eugene White in memory of his mother-in-law, Nancy Love Clark. The scholarship is awarded annually to a deserving and talented student enrolled in the Department of Music.

The Class of 1931 Scholarship. Established on the occasion of their 50th graduation anniversary. Awarded to a rising senior from South Carolina who plans a career in teaching. Recipient will be chosen on the basis of leadership, scholastic aptitude, and financial need. Apply to the Dean, College of Education.

The Class of 1932 Scholarship. Established by members of the Class of 1932 on the occasion of their 50th reunion. Awarded to a

rising junior or senior who is a South Carolina resident and plans to make teaching a career. Applications should be made to the Dean, College of Education.

The Class of 1933 Scholarship. Established by the Class of 1933 on the occasion of their 50th graduation anniversary. Awarded on the basis of scholarship, leadership, and financial need.

The Class of 1934 Teacher Cadet Scholarship. Established by the Class of 1934 on the occasion of their 50th reunion. Awarded to an incoming freshman. Annual award given to an outstanding high school graduate enrolled in the S.C. Teacher Cadet Program. Applications should be made to the Dean, College of Education.

The Class of 1937 Scholarship. Established by the Class of 1937 on the occasion of their 50th reunion. This scholarship is awarded to freshman and/or upperclassmen on the basis of academic ability and leadership.

The Class of 1938 Scholarship. Established by the Class of 1938 on the occasion of their 50th reunion. Recipients are chosen based on academic achievement, and financial need may be a criteria. Awarded to any full-time student at Winthrop.

The Class of 1941 Scholarship. Established by the Class of 1941. This scholarship is awarded to a full-time, rising junior who plans to make teaching a career and is based upon the recommendations of two faculty members. Applications should be made to the Dean, College of Education.

The Class of 1942 Scholarship. Established by the Class of 1942 on the occasion of their 45th reunion. Awarded to a junior or senior.

The Class of 1950 Scholarship. Established by the Class of 1950 on the occasion of their 35th reunion in memory of their deceased members. Students must be enrolled at Winthrop on a full-time basis and evidence academic achievement and service.

The Class of 1951 Scholarship. This scholarship will be awarded to recipients who rank in the upper quarter of their high school class academically. Recipient must show evidence of activities (either at home, at work, at school, or in the community)

SCHOLARSHIPS AND AWARDS

which indicate that the student has a sense of responsibility and a willingness to serve. Also, the recipient must have references to speak for his or her integrity and honesty. The scholarship is to be awarded to a South Carolina resident.

The Clemson Club Louise Pressley Mills Endowed Scholarship. Established in 1998 by the Clemson Club of the Winthrop University Alumni Association in memory of Louise Pressley Mills, Class of 1892. The scholarship will be awarded to an incoming freshman from Daniel High School who exhibits scholarship (upper 20% of class), leadership, high moral character and future potential. This scholarship is renewable for one year if the recipient maintains a 3.0 grade point average.

The Close Scholarship. The Close Scholars Award is awarded to freshmen who are South Carolina residents and who exhibit dedication to community service, high scholastic achievement, and financial need. The award is valued at \$2,000 per academic year and is available for eight semesters of undergraduate study provided the student maintains a 2.5 cumulative GPA and participates in an average of ten hours of approved community service per week throughout the academic year.

The Charles L. Cobb Scholarship. Established by the Peoples National Bank and the Peoples Trust Company in honor of a former trustee. Awarded to a worthy student, preferably from York County or eastern Chester County.

Dr. James E. Colbert Scholarship. Established in 1993 by Mrs. Anita M. Colbert, class of 1949, friends, members of the College of Education, and Education majors from the 60's, 70's, and early 80's in memory of Dr. James E. Colbert, educator and faculty member of the Winthrop College of Education. This scholarship will be awarded with preference given to an education major.

The Consolidated Scholarships. Winthrop University scholarships awarded for academic excellence.

Crane Fund for Widows and Children. Freshman and/or upperclassmen for needy and deserving widows and children of men who, at their death, have left widows and

SCHOLARSHIPS AND AWARDS

children without adequate means of support or deserving wives and/or children of men upon whom they are dependent for support, but because of age, or other disability, are unable, or for other reasons fail or neglect to adequately support their respective wives and/or children.

Nancy L. Crockett Scholarship. This scholarship was established by Miss Nancy L. Crockett, a Winthrop University alumna, Class of 1933.

Marie De Treville Scholarship. Given by Miss Marie De Treville in memory of her sister, Miss Catherine De Treville. The recipient is selected on the basis of South Carolina residency, academic promise, community service and financial need.

Helen C. Derrick Scholarship. This scholarship was established by Mrs. Helen C. Derrick, a Winthrop University alumna. The scholarship shall be on the basis of merit and need to a student from Lancaster County, South Carolina, who is a freshman.

The Dotherow-Lim International Scholarship. Established by Ann Dotherow-Lim, an alumna. To be awarded to a student who is a citizen of a country other than the United States, its territories and possessions, and whose record indicates his or her ability to succeed academically.

The George W. Dunlap Scholarship in Banking and Finance. The George W. Dunlap Scholarship in Banking and Finance is awarded to a sophomore, junior, or senior student in the College of Business Administration who plans to seek a career in banking. These students will be studying finance, accounting, or other related options in the business school. Major criteria for selection are leadership skills, motivation, and academic performance. Applicants will submit an essay detailing their interests and career goals in the area of banking and finance.

Margaret Fowler Earle Endowed Scholarship. Established January 1997 by Margaret Fowler Earle, Winthrop Class of 1933, this scholarship will provide assistance to undergraduate students. Preference will be given to a female majoring in Business Administration.

Elva Epps Eddleman Scholarship. Established in 1994 by Mrs. Elva Epps Eddleman, Winthrop Class of 1940, in memory of her husband, Henry C. Eddleman, Jr.; her aunt, Mrs. Ivah Epps Frierson; her grandfather, James Epps; and her mother, Mrs. Ruth Mill Epps. This is a permanent endowment fund created to provide financial assistance for one or more undergraduate students at Winthrop University. This scholarship will be awarded with preference given to high-achieving students majoring in education. Financial need may be a consideration.

The Georgia Marshall Fant Scholarship. Established by Guy F. Lipscomb Jr. and Margaret Fant Lipscomb ('41) in memory of her mother, Georgia Marshall Fant, a 1910 alumna. Awarded annually for academic excellence.

The Family and Community Leaders Council Scholarship. Awarded to a deserving former York County 4-H Club member. Interested students must apply and provide evidence of 4-H Club membership or be nominated by the president of the York County Extension Homemakers Council and the Board.

Edward M. Fersner Scholarship. Established by Mrs. Edward M. Fersner in memory of her husband, Edward M. Fersner. Awarded annually to one or more incoming students, renewable thereafter upon sustained high academic performance.

William Gist Finley Endowed Scholarship. The scholarship was created by the estate of Carey Jeter Finley. Recipients shall be deserving students with high character and scholastic aptitude as guiding principals. Financial need shall also be a primary consideration.

The Flowers Sisters Endowed Scholarship. Established by Elise W. Johnson in memory of her mother, Elise Flowers Wall '32, her aunts, Ruth Flowers Lide '24, Henrietta Flowers '26, Thelma Flowers Avant '29, Inez Flowers Tilton '36 and in honor of Susie Flowers Corley '37. This scholarship will provide financial support to undergraduate students, with preference

SCHOLARSHIPS AND AWARDS

given to a high-achieving student majoring in education. Financial need may be a criteria.

Mary Pullen Floyd Endowed Scholarship. This scholarship was established by sisters Harriet Floyd Sessoms and Lucy Floyd McClymont in memory of their mother, Molly Pullen Floyd.

Karl and Sarah Folkens Endowed Scholarship. Established in 1997 by Karl A. Folkens '78 and Sarah Anderson Folkens '78, this scholarship will provide financial assistance to students who have exhibited financial need. Preference will be given to students who maintain a 3.0 GPA or to freshmen who graduated within the top 25% of their high school class.

Lisa Cook Ford Endowed Scholarship. This scholarship was established by Harry and Becca Dalton in memory of Lisa Cook Ford, Winthrop Class of 1991. The purpose of the fund is to provide scholarship support to students majoring in Social Work.

The Julius Friedheim Scholarship. Established by the late Mr. Friedheim, awarded to the rising junior from South Carolina with the highest academic average.

Julia Pickens Gaillard Scholarship. Established in 1993 by Ms. Henrietta G. Wilson through her estate to establish a scholarship in memory of her sister, Julia Pickens Gaillard, Winthrop Class of 1914. The scholarship is to be awarded annually and based primarily on need to an incoming or present student or students of Winthrop University.

The Christine South Gee Scholarship. Established by Mrs. Gee, alumna and former trustee.

The Gignilliat-McCutchen Scholarship. Established by Mr. Thomas McCutchen Gignilliat in memory of his mother, Mrs. Sallie McCutchen Gignilliat, '02; his aunt, Mrs. Lula Gignilliat Norton, '02; and his cousin, Miss Mary Elizabeth McCutchen, '35. The award affords an opportunity for a deserving student from Seneca High School, Oconee County, or Williamsburg County to obtain a college education at Winthrop University.

Annette Spiers Resch Gillespie Scholarship. Established in 1995 by Mr. Doyle Gillespie in memory of his wife, Annette Spiers Resch Gillespie, Winthrop Class of 1975, this is a permanent endowment fund created to provide financial assistance for one or more undergraduate students at Winthrop University. This scholarship will be awarded with preference given to a rising senior majoring in history.

J.J. Godbold Endowed Scholarship. Established in 1992 by alumni of Rock Hill High School in honor of Mr. John J. Godbold, because of his love of young people and his dedication to their education. Mr. Godbold served as Principal of Rock Hill High School from 1943-1967. Recipients must be full-time students who plan to pursue a career in teaching. Financial need is a criteria and preference shall be given to a resident of South Carolina.

Alexa R. Good Scholarship. This scholarship was established by Alexa R. Good. The fund will provide a scholarship to a rising junior with a minimum grade point average of 3.0, scholastic performance, service to the University, and potential for future contribution to the community.

The Bobbie Dianne Graham Scholarship. Established in memory of Bobbie Dianne Graham by her family and friends in the College of Education. Awarded to a junior or senior who shows a sincere desire to pursue special education as a career. Apply to the Dean, College of Education.

Dr. Sam M. Greer Teacher Education Scholarship. This scholarship was established by Mrs. Ruth L. Greer, family and friends of Sam M. Greer. The scholarship will be awarded to a senior or MAT graduate student in the teacher education program at Winthrop University. Preference will be given to students majoring in Vocational Education who have demonstrated financial need.

Lila Atkinson Grier Endowed Scholarship. This scholarship was established by Bill and Jo Grier in memory of Lila Atkinson Grier, Winthrop Class of 1929. The fund will support students majoring in Education.

The Alyce Terry Guettler Scholarship. This scholarship was established in 1990 in

SCHOLARSHIPS AND AWARDS

memory of Alyce Terry Guettler. Any student eligible for a scholarship may apply.

The Helen McLendon Gullede Scholarship. Established in 1986 by Eleanor G. Abrams, Mamie G. Harley, Frances P. Salisbury, and Harry E. Gullede in memory of their sister, Helen McLendon Gullede. The scholarship was established to afford an opportunity for deserving students to obtain a college education at Winthrop University. Incoming freshmen and currently enrolled students are eligible.

Stewart Haas Endowed Scholarship. This scholarship was established by Sally Haas, friends, and family in memory of Stewart Haas, former faculty member at Winthrop. The fund will provide scholarships for students majoring in Mass Communications with an emphasis in print.

The Erin Mary Clark Hall Scholarship. Established in memory of her sister, an alumna, by Beatrice Pearl Clark Shingler, also an alumna. Awarded to a freshman who may continue to hold the scholarship as long as a high academic average is maintained.

Alumni Association Carlyle Wilson Hardin Scholarship. Established through the Alumni Association by the law firm of Kennedy, Covington, Lobdell, & Hickman of Charlotte, N.C., and Rock Hill, S.C., in memory of Carlyle Wilson Hardin, a 1975 alumna. Scholarship to be awarded to a student majoring in special education. Apply to the Dean, College of Education.

Carlyle Wilson Hardin Scholarship. Established by the Junior Welfare League of Rock Hill, to be awarded to an outstanding freshman from the Rock Hill School District.

The Martha Sims Hardin Endowed Scholarship. Established in 1993 by John A. Hardin and Martie Hardin Curran in memory of his wife and her mother, Martha Sims Hardin. The recipient will be a music (voice and/or piano) major.

The Cora McRae Hargrove Scholarship. Established by Julia Shealy Hendrix, alumna and former trustee, in memory of her friend, Cora McRae Hargrove.

The Mamie Gullede Lybrand Harley Scholarship. Established by Mamie

Gullede Lybrand Harley, alumna.

The Hayes Scot Heavner Scholarship. A scholarship awarded to a rising sophomore, junior, or senior who is majoring in a subject in the College of Arts and Sciences and intends to seek teacher licensure and to pursue a career of teaching and coaching. The scholarship was established by family and friends in memory of Winthrop University student Hayes Scot Heavner.

Julia S. Hendrix Scholarship. This scholarship was established by the Estate of Julia Shealy Hendrix, a Winthrop University Alumna.

Betty Freeman Hinman Endowed Scholarship. This scholarship was established by Betty Freeman Hinman, Winthrop Class of 1962, to provide financial assistance to undergraduate students at Winthrop University. The scholarship will be awarded to students seeking a Bachelor's degree in mathematics.

The Martha Holler Hobbs Scholarship. Established by Martha Miller Holler Hobbs for a freshman or an upperclass student. The University President shall designate the recipient.

The Holcombe Scholarship. Established by Mrs. Betty Holcombe, an alumna, to be awarded to a student majoring in the liberal arts with a preference given to a student from Pickens County, South Carolina.

Henrietta Hopkins Scholarship. Awarded to freshmen and/or upperclassmen.

The J.P. Horton Sr. and Ida Cauthen Horton Scholarship. Established by Betty Horton McIlwain in memory of her parents, J.P. Horton and Ida Cauthen Horton. Recipient must be a South Carolina resident.

Janice Chastain Houk Scholarship. Established in 1995 by Richard Duncan Houk in memory of his wife and Jay Duncan Houk and Scott Thomas Houk in memory of their mother, Janice Chastain Houk, Winthrop Class of 1976. This is a permanent endowment fund created to provide financial assistance for one or more undergraduate students at Winthrop University who for various reasons have had to postpone com-

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pleting their college degree. This scholarship will be awarded with preference given to students who have been out of school for at least 15 years and meet the entrance requirements of the University.

Ruth Hovermale Endowed Scholarship.

Awarded to a student in the College of Visual and Performing Arts majoring in interior design. Established in 1978 in honor of Dr. Hovermale who served with distinction as Dean of the School of Home Economics.

The A.W. Huckle Scholarship. Established by Mrs. Elizabeth Huckle Rader, alumna, in memory of her father.

The Frances Smith Hunt Scholarship. Established, in her will, by Mrs. Frances Smith Hunt, alumna. Awarded to a resident of South Carolina who has earned an acceptable scholastic standing.

The Jackson Sisters' Scholarship. Established by Mr. Ben V. Martin to honor his wife, Margaret Jackson Martin, and her two sisters, Sarah Jackson and Mary Jackson. To be awarded to a student in the field of teaching from Pickens, Spartanburg, or Greenville County. Apply to the Dean, College of Education.

Jefferson-Pilot Scholarship. This scholarship is awarded to a communications major entering his or her sophomore year and is selected solely based on academic achievement in the freshman year.

The D.B. Johnson Scholarship. Established by the North Augusta Alumni Chapter in memory of Winthrop's founder, Dr. D.B. Johnson.

The Johnson-Walker Scholarship. Established by the South Carolina Extension Homemakers Council in memory of Dr. D.B. Johnson, founder of Winthrop University, and Dora Dee Walker, the first home demonstration agent in the U.S.; awarded to a major in a traditional home economics field.

The Lawrence D. Joiner Scholarship. Established by his wife, Elizabeth Joiner, in memory of Dr. L.D. Joiner, professor of French and Dean of Continuing Education. Awarded to a rising junior or senior or to a Winthrop faculty member for travel abroad to study or do research in the humanities.

Special consideration given to study and research in foreign languages and literature. Application should be made to the chair of the Modern and Classical Languages Department.

Ruth Cornelia Keever Scholarship. Established by Miss Ruth Cornelia Keever to enable a female South Carolina student to obtain a degree in Elementary Education. She should be a member of the junior or senior class.

The David M. Kerley Scholarship. Established by the College of Business Administration faculty in 1983 in honor of Dr. Kerley, a member of the faculty from 1952 to 1983. Awarded on the basis of academic record, service and leadership to a rising senior majoring in one of the College of Business Administration options.

Kiwanis Scholarship. Established by the Rock Hill Kiwanis Club, this scholarship is awarded annually to any resident of Rock Hill School District Three who is a full-time Winthrop University student or who will enter Winthrop as a freshman as a full-time student. Awards are based on academic ability, leadership, good moral character. Financial need may be a criteria.

Betty Hudgens Knox Scholarship. This scholarship was established by the estate of Fanona Knox Gossett, Class of 1919, in memory of her mother, Betty Hudgens Knox. The scholarship is to be awarded to a rising senior with an outstanding scholastic record and leadership ability.

The Landrum-Layton Scholarship. Established by the South Carolina Extension Homemakers Council in memory of Lonny I. Landrum and Harriet Layton. Awarded to a major in human nutrition.

Robert P. Lane Scholarship. Established by the family of Robert P. Lane in memory of the distinguished chairman of Winthrop's English department. The scholarship is given to a rising junior or senior majoring in English and having a demonstrated interest in study leading to a college teaching career.

The Langford Scholarship. Established by Mrs. David Tillinghest of Greenville, S.C. The scholarship honors Susan Frances, Annie Lee, and Josephine Langford, sisters who recognize the values that come to

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young people through a college education. The \$500 annual award will be based on financial need, and preference will be given to residents of Newberry County.

The Virginia Kelly Langston Scholarship. Awarded to an outstanding rising senior in fashion merchandising. Donated by the late Virginia Kelly Langston in her will.

The A. Markley Lee Scholarship. Established by Mr. Lee, a former trustee; awarded to a rising senior.

The Georgie Inabinet Adams Lefvendahl Scholarship. This scholarship was established in 1990 by South Carolina Society Colonial Dames XVII Century. The scholarship is established in memory of Mrs. Georgie Inabinet Adams Lefvendahl, a Winthrop University graduate, class of 1948.

The Eddie Leonard Jr. Scholarship. Established in 1988 by Mrs. Louise Leonard, in memory of her husband Edward Leonard, Jr. Mr. Leonard taught at Winthrop for 24 years. To be eligible, a candidate must be an incoming freshman or a currently enrolled student in good standing at Winthrop University. The recipient is selected based upon an outstanding voice talent and a plan to complete their degree in Voice at Winthrop.

The Anne Willis Lewis Scholarship. Established by Mrs. Lewis, an alumna.

Cora N. Lewis Endowed Scholarship. Established in 1993 by the Estate of Cora N. Lewis, Class of 1935 for the purpose of providing student scholarships. This award affords a deserving student to obtain a higher education at Winthrop. Incoming freshmen and currently enrolled students are eligible.

Jennie Hamiter Lewis Endowed Scholarship. Established in December 1992 by Mr. and Mrs. Claude B. Owen, Jr., this is a permanent endowment fund created to honor Jennie Hamiter Lewis (Winthrop Class of 1939), mother of Mary Lamar Lewis Owen, and to provide financial assistance for one or more students at Winthrop University. This scholarship will be awarded with preference given to a female from South Carolina.

Louise Lightsey Endowed Scholarship. This scholarship was established by Louise Lightsey Baughman, Lilian Lightsey Drawdy, and Claudia Lightsey Ware in honor of their mother, Louise Cleland Lightsey. The fund will support students majoring in Education. Students from Hampton County, SC receive first preference.

Emily Davis Lindsay Scholarship. This endowed scholarship was established in memory of Emily Davis Lindsay, a 1935 Winthrop graduate, by Dr. Sara Lindsay, Mr. William Lindsay, and Mrs. Helen Davis Riddle. To qualify for the scholarship the student must be at least a rising sophomore at Winthrop and a graduate of Clover High School, Clover, South Carolina. If no sophomore is available, a junior or senior, meeting the same qualifications, may be awarded the scholarship. This scholarship is renewable provided a 3.0 is maintained on all work completed.

Barbara Jean Long Scholarship. Established in November 1993 by the Estate of Barbara Jean Long, Winthrop Class of 1953. This scholarship will be awarded with preference given to students majoring in music who plan to teach instrumental music in a school. Financial need is a criteria.

Lutz Foundation Scholarship. Established by the Lutz Foundations. This scholarship will be awarded to Chester County students.

Louise Lanneau Clyburn Mangum Endowed Scholarship. Established in March 1993 by Catherine M. Brewer, Winthrop Class of 1968, this is a permanent endowment fund created in memory of Louise Lanneau Clyburn Mangum, Winthrop Class of 1933, and to provide financial assistance for one or more students at Winthrop University. This scholarship will be awarded with first preference given to a female graduating from Lancaster High school or Andrew Jackson High School, and second preference given to a female graduating from one of the other Lancaster County high schools, majoring in education or family and consumer sciences.

Mary Ona Denny Mathews Scholarship. This scholarship is available for incoming freshmen or currently enrolled students at

Winthrop University in good standing. A candidate must plan to complete his or her degree at Winthrop University and be able to demonstrate financial need (financial aid form to be completed), but not to the exclusion of other considerations.

The Minnie Lee Fagan McCloy Scholarship. Given by Shelby T. McCloy, in honor of his wife, an alumna, to a student who is majoring in mathematics, French, European history, European literature, or English literature.

The Daisy Yates McDavid Scholarship. Established by Mr. Yates in memory of his sister, Daisy Yates McDavid, for a worthy student from Greenville County.

The Mary Sue Britton McElveen Scholarship. Established by Jim McElveen in honor of his wife, a former Winthrop Trustee and an alumna. Awarded annually with preference given to students from the Pee Dee area of South Carolina.

Anna Hyde Milner and Colonel Morris E. Milner Endowed Scholarship. This scholarship was established by Clement O'Neill in memory of Anna Hyde Milner, Winthrop Class of 1930, and her husband, Colonel Morris E. Milner. This fund will provide scholarships for students from Charleston, SC.

Doris Adeline Mims Scholarship. This scholarship was established in memory of Doris Adeline Mims, Winthrop Class of 1941. The fund will support students majoring in Education with preference to students from Darlington County, South Carolina.

The Florence A. Mims Theatre Scholarship. Given to a rising senior; based on scholarship, participation in the theatre, and an expressed desire to continue in the theatre.

Mary Mintich Endowed Scholarship. This scholarship was established by Mary Mintich, professor of Art and Design. This renewable scholarship is available for students majoring in sculpture and/or jewelry/metal design who meet and maintain required departmental academic standards.

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Winnie Edwards Murray Endowed Scholarship. This scholarship was established by William Edwards Murray in memory of his mother, Winnie Edwards Murray, Winthrop Class of 1918. This scholarship will be awarded with preference given to students from Charleston and Orangeburg Counties, SC.

Evelyn Rudowitz Neidich Scholarship. Established by the late Evelyn Rudowitz Neidich, Class of 1935, this scholarship provides support to freshmen from Beaufort County, SC. The recipients must exhibit financial need.

Margaret and Ernest Nesius Endowed Scholarship. Established in 1997 by Dr. and Mrs. Anthony J. DiGiorgio, this is a permanent endowment at Winthrop University. The endowment is established in honor of Margaret and Ernest Nesius, parents of Gale DiGiorgio, in recognition of their lifelong commitment to community service, education, and helping others excel. Scholarship recipients shall be high achieving students at Winthrop University who maintain a minimum 3.0 grade point average.

New Start Scholarships. In an effort to encourage adult learners at Winthrop and recognize academic excellence, the New Start Scholarships are awarded each year. Support is available to freshmen, transfers, and continuing students.

Carolyn Lee Orders Endowed Scholarship. Established by William H. Orders in honor of his wife, Carolyn Lee Orders, Winthrop Class of 1948 to provide financial assistance to undergraduate students at Winthrop University. This scholarship will be awarded with preference given to a student who has exhibited financial need and has maintained a 3.0 GPA or to a Winthrop freshman who, in the opinion of the University Scholarship Committee, is capable of doing college work.

The Panhellenic Association Scholarship. Established by the Panhellenic Association of Winthrop University. Given to a junior on the basis of scholastic achievement and involvement in campus and community activities. Selection is made by the faculty advisor and a Panhellenic advisor.

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Katherine Reese Pamplin Scholars. Established in 1992 by the Robert B. Pamplin family of Portland, Oregon, in honor of Katherine Reese Pamplin, Winthrop Class of 1938. The endowment will provide unrestricted scholarship funding and assist the University in its goal of raising the academic achievement level of incoming students and sustain scholarships for high-achieving students throughout their undergraduate study period at Winthrop.

Martha Kime Piper Memorial Scholarship. This scholarship was established in memory of Dr. Martha Kime Piper, the eighth President of Winthrop University. This scholarship is to be awarded to a deserving entering freshman, based on academic performance, potential, and leadership qualities to be decided by the Winthrop University Scholarship Committee.

Flora Timmons Henry Plumer Endowed Scholarship. Established in 1997 by Mary Ann Henry McCarty and Hyman F. McCarty, Jr. in memory of Flora Timmons Henry Plumer, Winthrop Class of 1915, this scholarship is to provide financial assistance to undergraduate Winthrop students. The scholarship will be awarded to students seeking a Bachelor of Science degree in early childhood education. The students will be residents of South Carolina with demonstrated financial need. The recipient will have maintained a 3.5 GPA or in the case of a freshman, graduated in the top 20% of his/her high school class.

Jean Kirby Plowden Endowed Scholarship. This scholarship fund was established by Irvin Plowden and Jean Kirby Plowden, Winthrop Class of 1955. The scholarship will support students majoring in Education with preference to those from York County, South Carolina. All recipients will have financial need.

The Presser Scholarship. An annual award given to an outstanding Junior music major with a high GPA (through the fall semester of the junior year) who demonstrates a high level of achievement in applied music. The recipient of this award is to be known as the Presser Scholar for his/her senior year.

Vivian Christine Prince Endowed Scholarship. This scholarship was established by Harold B. Prince in honor of his sister, Vivian Christine Prince. The fund will provide scholarships for first year students who are residents of South Carolina.

Producer's Circle Scholarship. For upperclass Theatre and Dance majors who have demonstrated excellent participation in department productions and who maintain at least a 3.0 GPA.

Ellen Varnell Randolph Endowed Scholarship. Established in 1998 by Sharyn G. Randolph, Robert H. Breakfield, Ellen R. Breakfield and Robert C. "Bret" Breakfield in honor of Ellen Varnell Randolph. The recipient will be a rising junior enrolled as a full-time student who has selected a curriculum that will lead to a minor in Gerontology. Criteria include academic promise, strength of scholarship, and the student's interest in gerontology.

The Dorothy Sealy Rauch Scholarship. Established by the Winthrop Alumni Association in honor of its former director. Awarded to a rising junior or senior whose major is special education, on the basis of academic merit and on aptitude and performance in special education. Apply to the Dean, College of Education.

The Mary D. Rich Scholarship. Given by the late Mary D. Rich, alumna.

The Christine Richardson Scholarship. Established by Mrs. Christine Richardson, an alumna of the class of 1919. Academic performance shall be the primary criterion for selecting recipients. The scholarships are available to both freshmen and upperclassmen.

Louis S. and Carolyn DuBose Ridgeway Scholarship. The Louis S. and Carolyn DuBose Ridgeway, Winthrop Class of 1940, endowed scholarship was established in 1991 for the purpose of attracting outstanding students to Winthrop University and assisting in their education and subsistence. This scholarship will be awarded with preference given to first year students who meet the requirements of the Winthrop Scholars Program and who were born in or educated in South Carolina.

The Walter B. Roberts Scholarship. An an-

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nual award given to an outstanding sophomore or junior music major with a high GPA who demonstrates a high level of achievement in applied music and who is a resident of South Carolina.

Helen Robinson Music Endowment. This scholarship was established by the estate of Helen L. Robinson, Winthrop Class of 1932. This scholarship will be given to undergraduate students majoring in music with an emphasis in organ performance and/or religious music.

The Rock Hill Breakfast Rotary Club Scholarship. Established by the Rock Hill Breakfast Rotary Club to recognize educational excellence in the Rock Hill area and to retain academic talent at Winthrop University. Awarded to rising juniors or seniors who are presently attending Winthrop University, have at least a 2.5 cumulative GPA, and need financial assistance to continue with their education. Candidates should exemplify the Rotary motto "Service Above Self". Applications are available in the Financial Resource Center located in 119 Tillman. Selection is by the Rock Hill Breakfast Rotary Club Scholarship Committee and applications should be sent to the Rock Hill Breakfast Rotary Club Scholarship Committee, P.O. Box 3181, Rock Hill, SC 29732. Sons or daughters of members of the Rock Hill Breakfast Rotary Club are not eligible. Scholarships are awarded for one year only and are not renewable.

Jean Richards Roddey Endowed Scholarship. This scholarship was established by sixteen Joynes Hall Dining Room Scholarship Recipients to honor Jean Richards Roddey who mentored them from 1957-1967. Recipients shall be South Carolina residents who have demonstrated financial need.

The John T. Roddey Tennis Scholarship. The scholarship is awarded annually to a student who participates in the intercollegiate tennis program at Winthrop. Mr. Roddey made an outstanding contribution to higher education in South Carolina, serving as a Trustee of Winthrop University for 32 years. He loved sports and at one time excelled in tennis. Applications should be made to the Athletic Director.

English Bostick Rogers Scholarship. Established by Mr. and Mrs. Weldon Rogers for a student enrolled in an early childhood education program.

The Pierce-Elizabeth Rogers Scholarship. Established by Elizabeth T. Rogers, an alumna, for students from Kershaw and Dillon counties. Preference is given to orphans from these counties.

Rotary Club of Rock Hill Scholarship. Established by the Rotary Club of Rock Hill to recognize educational excellence in the Rock Hill area and to attract academic talent to Winthrop University. Awarded to seniors graduating from an accredited high school in Rock Hill (Rock Hill High School, Northwestern High School, and Westminster-Catawba School) who are U.S. citizens less than 20 years of age and who will attend Winthrop University. Candidates should exemplify The Rotary Four Way Test: 1. Is it the truth? 2. Is it fair to all concerned? 3. Will it build good will and better friendship? 4. Will it be beneficial to all concerned? Selection is by The Scholarship Committee of The Rock Hill Rotary Club, and inquiries should be addressed to The Rock Hill Rotary Club, P.O. Box 3002, Rock Hill, S.C. 29730. Sons or daughters of members of The Rock Hill Rotary Club are not eligible. Scholarships are for one year only and are not renewable.

Rudisill-Hamm Scholarship. This scholarship was established by Mr. J. Walter Hamm of Prosperity, South Carolina, in honor of his wife, Frances Rudisill Hamm, Winthrop University Class of 1948, and in memory of Mrs. Hamm's mother, Blanche Fisher Rudisill, Winthrop University Class of 1925. The scholarship is awarded to freshmen and/or upperclassmen and to a student with the intent to graduate from Winthrop University with a degree in Biology.

The Elaine Sands Scholarship. Given by the Theta Theta Chapter of Zeta Phi Beta Sorority, Inc., in memory of the sorority's deceased soror and former assistant professor of social work at Winthrop University.

The Joanne Scarborough Scholarship. Established by Eleazer Pate Scarborough in memory of her daughter. Awarded to a physical education major.

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The D.L. Scurry Scholarship. Funded by the D.L. Scurry Foundation; awarded to South Carolina students.

The "Seventeeners" Scholarship. Established by Elephare Hood, alumna, and the class of 1917 on the occasion of their 60th graduation anniversary. To be awarded annually to a freshman from South Carolina.

The "Seventeeners" II Scholarship. Established by Elephare Hood, alumna. To be awarded annually to a freshman from South Carolina.

Virginia Earl Shanklin Scholarship. Established by the Estate of Virginia Earl Shanklin, Winthrop Class of 1921 for undergraduate students in the College of Business.

Betty Wilkerson Sherer Endowed Scholarship. Established by Susan Sherer Boyd, Class of 1974 and Tom Sherer in memory of their mother, Betty Wilkerson Sherer to provide financial assistance to graduates of a York County High School. The scholarship is renewable to students who maintain a 3.5 grade point average or to freshmen who graduated in the top 20% of the high school class and earned a minimum of 1100 on the SAT.

The Henry Radcliffe Sims Scholarship. Established by the Alumni Association in honor of Winthrop's fourth president. Awarded to a rising senior with an outstanding academic record and leadership ability.

SMB Scholarship. Awarded to incoming freshmen. Recipient must also be of honorable character and be a native of South Carolina.

The Fleta Steele Smith Scholarship. Established in memory of Fleta Steele Smith, alumna.

The Joel Allen Smith Jr.-Ansie Holman Smith Scholarship. Established as a tribute to their parents, Joel Allen Smith Jr. and Ansie Holman Smith (1903 alumna) of Abbeville, South Carolina, by their son and six daughters.

South Carolina Food Service Supervisors Association Scholarship. The South Carolina Food Service Supervisors Association endowed scholarship was established in

1989 by the Board of Directors of the South Carolina Food Service Supervisors Association to afford an opportunity for deserving students to obtain an education at Winthrop University. This scholarship will be awarded with preference given to students from South Carolina pursuing a degree in Human Nutrition. Candidates may be from any class year.

Anita Jones Spearman Scholarship. This scholarship was established in 1989 by Mrs. Louise P. Jones and Nancy L. Jones, in memory of their daughter and sister, Anita Jones Spearman. This scholarship is established for a freshman and/or upperclassman with majors in political science and journalism (Communications).

The Florence Manning Bethea Squires Scholarship. Established by the Bethea family and friends. An annual award to a deserving freshman from Latta High School, Dillon County, or the Pee Dee area.

The Robert Murray Stewart Scholarship. Established by Ida Crawford Stewart, class of 1943, in memory of her husband, Robert Murray Stewart. Mrs. Stewart served as Director of Alumni Affairs at Winthrop University and as Vice President of Estee Lauder, New York.

The Clara Barrett Strait Scholarship. Established from the estate of the late Miss Strait for students majoring in art.

Students From France Scholarship. This scholarship is available for students from France who are studying at Winthrop University.

The Ruth Sturgis Scholarship. Established by the family and friends of Ruth Sturgis, former member of the faculty of the College of Education. Scholarship is based on character, service, and leadership. Applications should be made to the chair of the Department of Physical Education.

Ina Rufus Stutts Endowed Scholarship. Established in 1995, this scholarship will be awarded to a student pursuing a degree in Human Nutrition. Preference will be given to students who live in Cleveland or Scotland County, NC or Dillon County, SC who have good character and a high-achieving scholastic record.

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Hilda Brockman Suitt Endowed Scholarship. This scholarship was established by Howard Suitt, Thomas H. Suitt, Jr., Nancy Suitt Bennett, and their families in honor of Hilda Brockman Suitt, Winthrop Class of 1947. The fund will provide scholarships for students majoring in teacher education.

Algernon Sydney Sullivan Foundation Endowed Scholarship Fund. This is a need-based award given on the basis of demonstrated aid eligibility, academic promise, demonstrated high personal character, and a commitment to public service.

The Mary Mildred Sullivan Scholarships. Established by the Mary Mildred Sullivan Chapter, United Daughters of the Confederacy of New York City, supported with funds supplied by the Algernon Sydney Sullivan Foundation. Awarded to members of the junior and senior classes.

The Mary Hough Swearingen Scholarship. Established by John E. Swearingen in honor of his mother, an alumna.

The James V. and Florence Bell Theodore Scholarship. Established by Dr. Crystal Theodore, an alumna, in memory of her parents, James V. and Florence Bell Theodore. To be awarded to a student majoring in art. Applications should be made to the Department of Art and Design.

The Jean Crouch Thurmond Scholarship. Established by U.S. Senator Strom Thurmond and the Alumni Association in memory of Jean Crouch Thurmond, an alumna.

The Dee Jennings Tindal Scholarship. Established by the Rebel Senator Committee through the Alumni Association of Winthrop University. (Rebel Senator is a narrative of the life of Strom Thurmond.) Awarded to students who are legal residents of South Carolina. A recipient of this scholarship shall be known as "The Dee Jennings Tindal Scholar."

The Dorothy Burton Tobias Scholarship. This scholarship was established in 1993 by William Raymond Tobias in honor of his wife, Dorothy Burton Tobias, a 1957 alumna. The scholarship is to be awarded on an annual basis to a student majoring in music education.

The Mary Thurmond Tompkins Scholarship. Established by the Rebel Senator Committee through the Alumni Association of Winthrop University. (Rebel Senator is a narrative on the life of Strom Thurmond.) Awarded to students who are legal residents of South Carolina. A recipient of this scholarship shall be known as "The Mary Thurmond Tompkins Scholar."

Dr. Carlene Francys Travis Scholarship. Established in 1994 by Troy and Rebekah Travis in memory of Troy's mother, this is a permanent endowment fund created to provide financial assistance in the form of a scholarship for one or more undergraduate students at Winthrop University. The scholarship will be awarded with first preference given to a junior or senior majoring in special education and with second preference given to a junior or senior majoring in education.

Marshall and Lillian Cornwell Walker Endowment for College of Education. Needs for Children with Disabilities Endowment. This endowment was established in 1998 by Marshall Walker and Lillian Cornwell Walker, Winthrop Class of 1943. The scholarship will be awarded to students majoring in Special Education.

Myra Hunter Waler Endowed Scholarship. This scholarship was established in memory of Myra Hunter Walker. The fund will support students majoring in Education.

The Robert M. Ward Scholarship. Established by the family and friends of Robert M. Ward, a lifelong supporter of Winthrop University. This scholarship is given to students enrolled in the College of Arts and Sciences.

The Elizabeth China Watkins Scholarship. Established by Basil M. Watkins in honor of his wife, an alumna. Given to the rising senior with the highest academic average.

The Lois McKay Watson Scholarship. Established by Lois McKay Watson, alumna.

The Fred K. and Ruby Hipp Werts Scholarships. Established by Fred K. Werts in memory of his wife, Ruby Hipp Werts, a

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1932 alumna. Awarded annually to several students with preference given to students majoring in elementary education.

Lois Rhame West Scholarship. Established by the West Foundation of South Carolina honoring First Lady Lois Rhame West, Class of 1943, this is one of Winthrop's most prestigious awards. It is awarded to a deserving and promising South Carolina student who has exhibited outstanding scholastic achievement.

Rachael G. Wheelles and Mildred M. Grubbs Endowed Scholarship. E. Pete Wheelles established this scholarship in memory of his wife, Rachael G. Wheelles, Class of 1974 and her mother, Mildred M. Grubbs, Class of 1919. This fund will support students majoring in Education who show outstanding promise as educators.

Anne Clark White Scholarship. Established by Henry Eugene White in memory of his wife, Anne Clark White. Granted to a talented and deserving student enrolled in the Department of Music.

Winthrop Alumni Honor Scholarships. Established by the Alumni Association of Winthrop University and financed through the Alumni Annual Fund.

The Winthrop Alumni Scholarships. Established by the Winthrop Alumni Association and financed through the Alumni Annual Fund.

Winthrop University Faculty-Staff Scholarship. This scholarship was established in 1987 by the faculty and staff of Winthrop University. It is available to freshmen and/or upperclassmen who demonstrate high academic achievement and leadership qualities, and are full-time students.

The Winthrop International Club Scholarship. Given in recognition of outstanding academic scholarship and for efforts to strengthen relationships between foreign students and Americans at Winthrop and in the local community.

The Kate V. Wofford Scholarship. Established by G. Watts and Mattie H. Cunningham in memory of their niece, a distinguished alumna. Known as "the scholar's scholarship."

Sonja Michelle Woodward Endowed Memorial Scholarship. Established in 1996 by Mr. and Mrs. James E. Woodward, Jr. and family in memory of Sonja Michelle Woodward, Class of 1986. This scholarship will be awarded to graduates from a Richland County high school pursuing a Bachelor of Science degree in Business Administration.

The Florence Nance Workman Scholarship. Established by Margaret Workman Charles, alumna, in memory of her mother, who was a sister of Winthrop's founder, Dr. D.B. Johnson. Need is not a criterion.

The Ellen Razor Wylie Mathematics Scholarship. Established by Dr. and Mrs. C. Ray Wylie in honor of Mrs. Wylie, alumna and former mathematics instructor at Winthrop University. Awarded to an entering freshman mathematics major each year. Recipients shall be known as Wylie Scholars.

The W. Gill Wylie Scholarship. Established by the late Dr. Wylie in memory of his mother, Juliet Agnes Gill Wylie, and his daughter, Lucille Damon Wylie Berg. Awarded to the student making the highest academic average during the freshman year.

Awards

The Ackerman-Breakfield Excellence in Accounting Award. An award given to the rising senior accounting student with the highest grade point average. The award was established by Bernard N. Ackerman, C.P.A., P.A., and Robert H. Breakfield, Attorney at Law, P.A., to honor George and Sarah Ackerman and Harold and Helen Lindemood.

The Janet Rankin Aiken Memorial Award. Given by Dr. Margaret M. Bryant, alumna, for graduate study to a graduating senior for outstanding scholarship and personality.

Alpha Lambda Delta Book Awards. Given by Winthrop Chapter of Alpha Lambda Delta to the member who has the highest scholastic average after three semesters of work at Winthrop University and to the graduating senior member who has the highest scholastic average.

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The American Legion Award. Given by The American Legion, Department of South Carolina, to an outstanding Winthrop senior.

The Elizabeth Burris Memorial Award. Established by the South Carolina Dietetic Association in honor of Elizabeth Burris, alumna; a cash award made annually to a graduating Winthrop senior who plans to complete a dietetic internship and/or graduate work in the field of food and nutrition.

The Hellams Award. Given by Alice Smith Spencer (Mrs. Gordon F.), an alumna, in memory of Harriett Hellams, alumna; awarded to a senior majoring in physical education.

The Sallie Claywell Hogan Award. An annual award given to an outstanding freshman music major with the highest GPA who demonstrates a high level of achievement in applied music. Established by Paul Hogan Jr. in memory of his aunt.

Dorothy Jones Women's Studies Award. Award of \$250 given each semester by the Women's Studies Committee to a student enrolled that semester in at least one Women's Studies course who demonstrates both academic merit and financial need. Preference will be given to Women's Studies minors.

The Robert P. Lane Prize for Fiction. A cash prize awarded each year to one or more students whose original short stories submitted in a competition held by *The Anthology* are judged to merit distinction.

The Mary Elizabeth Massey Book Prize in History. Established by friends to honor the memory of Dr. Massey, a distinguished professor of history at Winthrop from 1950 to 1974. Awarded annually to the undergraduate history major who has completed the junior year with the highest average in history courses.

The Mary Elizabeth Massey Prize for Excellence in United States History. Given by the National Historical Society to the Winthrop student who has the highest average in 15 or more hours of American history courses.

The Presser Award. An annual award given to an outstanding music major who

is a rising senior with the highest GPA who demonstrates a high level of achievement in applied music.

The Rock Hill Music Club Award. An annual award given to an outstanding freshman music major with a high GPA who demonstrates a high level for achievement in applied music. Established by the Rock Hill Music Club.

The Special Education Grant. A grant of \$100 may be made by the South Carolina Association for Retarded Children to a student in the area of special education.

Annie Laurie Steppe Prize. At the request of the family of the late Annie Laurie Steppe, a fund has been established to award annually a prize for excellence in freshman composition. This prize will be awarded to a continuing student at Winthrop University. The prize-winning essay must be a revised version of any essay written in Writing 101 or 102 courses.

The Algernon Sydney Sullivan Award. Established by the Algernon Sydney Sullivan Foundation; a medallion presented annually to the outstanding male member of the graduating class who has displayed distinctive service to the University.

The Mary Mildred Sullivan Awards. Established by the Mary Mildred Sullivan Chapter of the United Daughters of the Confederacy in New York City and sponsored by the Algernon Sydney Sullivan Foundation. Two medallions presented annually, one to the outstanding female member of the graduating class who has displayed distinctive service to the University and one to the outstanding alumna.

Eula Fudge Thomas and Claude A. Thomas Award. Established in 1996 by Dr. and Mrs. A. O. Bishop, in memory of Eula Fudge Thomas, Winthrop Class of 1920 and Claude A. Thomas, mother and father of Dorothy T. Bishop, Winthrop Class of 1960. This award shall be given with preference to a rising senior majoring in education from Florence County, South Carolina, who has shown the greatest academic improvement during their junior year.

The Tillman Award. Established by the Tillman Memorial Commission; presented each year to the graduate of Winthrop hav-

SCHOLARSHIPS AND AWARDS

ing the best general average.

The Winthrop University Music Service Awards. Awarded to incoming freshman music majors on the basis of musical talent. Awards carry with them assigned duties in the Department of Music. Applications should be made to the Chair, Department of Music.

The Winthrop University Music Performance Awards. Awarded to incoming freshmen and transfer music majors on the basis of musical talent. Applications should be made to the Chair, Department of Music, Winthrop University.

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