DEGREE CHECKLIST (College of Arts and Sciences)

2014-2015 Catalog

NAME **ID#** **MAJOR B.S. — BIOLOGY (Certification as Medical Technologist)**

GENERAL EDUCATION REQUIREMENTS	Check	Hrs.
ACAD 101 (Required of first-time freshmen only)	_____	0-1
Critical Skills		
Writing and Critical Thinking		
WRIT 101 (A grade of C- or better is required)	_____	3
CRTW 201 (A grade of C- or better in HMXP 102 is required as a prerequisite)	_____	3
Quantitative Skills (met by major)		0
Logic/Language/Semiotics		
MATH (met by major)		0
Foreign Language (102-level proficiency required)		
_____	_____	3-4
Oral Communication (met by major)		0
Technology (met by major)		0
Skills for Common Experience and Thinking Across Disciplines		
HMXP 102 (A grade of C- or better in WRIT 101 is required as a prerequisite)	_____	3
Global Perspectives (see approved list)		
_____	_____	3
Historical Perspectives (see approved list)		
_____	_____	3
Developing Critical Skills and Applying them to Disciplines		
Natural Science (met by major)		0
Social Science (see approved list; must include two designators)		
_____	_____	3
_____	_____	3
_____	_____	0-3*
Humanities and Arts (see approved list; must include two designators)		
_____	_____	3
_____	_____	3
_____	_____	0-3*
*A total of 15 hours is required in Social Science/Humanities and Arts.		
Intensive Writing (met by major)		0
Constitution Requirement (see approved list; may be met by other requirement)		
_____	_____	0-3
SUBTOTAL		**33-38**

Major Courses (67-68 semester hours)

Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
BIOL 202	(0)	_____	C) BIOL 522	(4)	_____
BIOL 203	(1)	_____	C) _____	( )	_____
BIOL 204	(3)	_____	C) _____	( )	_____
BIOL 205	(4)	_____	D) _____	( )	_____
BIOL 206	(4)	_____	CHEM 105	(4)	_____
BIOL 300	(4)	_____	CHEM 106-108	(4)	_____
BIOL 480	(3)	_____	CHEM 301	(4)	_____
BIOL 491	(0)	_____	CHEM 302-304	(4)	_____
BIOL 492	(0)	_____	MATH 150 or 151 or		
A) BIOL _____	(3-4)	_____ (must have a lab)	105 or 201	(3-4)	_____
A) BIOL _____	( )	_____	MATH 141	(3)	_____
B) BIOL 310	(4)	_____			
B) BIOL 317	(4)	_____			

Biology Areas and Electives

A. Ecology, Evolution and Field Biology (select two courses, one of which must include a lab):

Lab courses: BIOL 303, 304, 323, 403, 508, 510, 511, 515, 525, 552A, 552B

Non-Lab courses: BIOL 309, 404, 505, 513, 518, 524, 551, 560

B. Cells, Genes and Developmental Biology (satisfied by the required program)

C. Other Electives: select additional courses to total 42 hours in BIOL from the above lists and from: BIOL 307, 308, 315, 321, 322, 440, 450H, 461, 463, 471, 507, 517, 519, 521, 530, 540, 555, 557

D. Additional Mathematics or Science Electives: select 3 additional hours from the following list: CHEM 313 & 314 (recommended), 523, 524 & 525; CSCI 101/101 A, B, C; MATH 141 (or QMTH 205/206); or any MATH except 291, 292 and any course satisfying the Quantitative Skills Area.

Foreign Language Requirement _____ (0-4) _____

GENERAL ELECTIVES (14-24 semester hours)

_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____

NOTES

Satisfactory completion of an approved university-based or hospital-based School of Medical Technology program will complete the certification requirements.

Although Winthrop is formally affiliated with the hospital-based schools of medical technology at Carolinas Medical Center in Charlotte, NC and McLeod Regional Medical Center in Florence, SC, this program may be completed at any NAACLS-accredited hospital-based program or at a university-based school of medical technology.

1. Unless stated otherwise, a single course **may not** be used for more than one General Education requirement or in a major and a minor.
2. All Arts and Sciences majors require a minimum of 40 hours in courses numbered above 299.
3. Attendance at three cultural events is required for each 20 hours completed in residence at Winthrop. Note exceptions in the undergraduate catalog.
4. Designators that differ only for the purpose of theory and application will be considered the same designator.
5. Complete WRIT 101, HMXP 102 and CRTW 201 with a C- or better by 75 hours.