DEGREE CHECKLIST (College of Arts and Sciences)

2014-2015 Catalog

NAME **ID#**

MAJOR B.S. — BIOLOGY

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 203	(1)	_____	C) _____	( )	_____
BIOL 204	(3)	_____	C) _____	( )	_____
BIOL 205	(4)	_____	D) _____	( )	_____
BIOL 206	(4)	_____	D) _____	( )	_____
BIOL 300	(4)	_____	D) _____	( )	_____
BIOL 480	(3)	_____	D) _____	( )	_____
BIOL 491	(0)	_____	CHEM 105	(4)	_____
BIOL 492	(0)	_____	CHEM 106-108	(4)	_____
A) BIOL _____	(3-4)	_____ (must have a lab)	MATH 150, 151, 105, or 201	(3-4)	_____
A) BIOL _____	( )	_____			
B) BIOL _____	(4)	_____ (must have a lab)	MATH* _____	(3)	_____
B) BIOL _____	( )	_____	*(Excluding MATH 291 and 292)		

Student must select at least one 500-level course.

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 (select two courses, one of which must include a lab)
Lab courses: BIOL 310, 315, 317, 321, 322, 507, 521, 522, 530, 557
Non-Lab courses: BIOL 517, 519, 555

C. Other Electives: select additional courses to total 42 hours in BIOL from the above lists and from: BIOL 307, 308, 440, 450H, 461, 463, 471, 540

D. Additional Science Electives: select 11 additional hours from MATH (except 291 and 292 and any course used to satisfy the quantitative skills area); CHEM (except 101, 104, 461, 462, or 463); PHYS (except 101, 102): GEOL; and QMTH 205, 206 (if MATH 141 not selected)

Foreign Language Requirement _____ (0-4) _____

ELECTIVES (14-24 semester hours)

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

NOTES

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.

Students interested in fifth year MAT program can access checklist online at www.winthrop.edu/cas/studentservices/