

DEGREE CHECKLIST (College of Arts and Sciences)

2008-2009 Catalog

NAME _____ **ADVISER** _____ **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 in 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
_____	_____	3
Historical Perspectives (see approved list)		3
_____	_____	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 Art (see approved list; must include two designators)		
_____	_____	3
_____	_____	3
_____	_____	0-3*
*A <u>total</u> of 15 hours is required in Social Science/Humanities & Arts.		
Intensive Writing (met by major)		0
Constitution Requirement (see approved list; may be met by other requirement)		
_____	_____	0-3
SUBTOTAL		33-38

Major Requirements (67 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 105-107	(4)	_____
BIOL 300	(4)	_____	CHEM 106-108	(4)	_____
BIOL 480	(3)	_____	CHEM 301-303	(4)	_____
BIOL 491	(0)	_____	CHEM 302-304	(4)	_____
BIOL 492	(0)	_____	CTQR 150 or MATH		
A) BIOL _____	(4)	_____ (must have lab)	105 or 201	(3)	_____
A) BIOL _____	()	_____	MATH* _____	(3)	_____
B) BIOL 310	(4)	_____			
B) BIOL 317	(3)	_____			

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, 527

Non-Lab courses: BIOL 404, 505, 513, 518, 524, 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 340 (A, B, or C), 440, 450H, 461, 463, 471, 540

D. Additional Science Electives: select 3 additional hours from MATH* (except 291 and 292 and any course used to satisfy the quantitative skills area); CHEM (except 101, 340A, B, C, 461, 462, or 463); PHYS (except 101, 102); GEOL; and QMTH 205, 206 (if MATH 141 not selected)

Foreign Language Requirement _____ **(0-4)** _____

GENERAL ELECTIVES (19-24 semester hours)

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

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.

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.