

**DEGREE CHECKLIST (College of Arts and Sciences)**

2015-2016 Catalog

**NAME**

**ID#**

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

GENERAL EDUCATION REQUIREMENTS (32-36 semester hours)			MAJOR COURSES (64 semester hours)					
	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	1	BIOL 202	( 0 )	_____	C) BIOL 522	( 4 )	_____
<b>Writing and Critical Thinking:</b>			BIOL 203	( 1 )	_____	C) _____	( )	_____
WRIT 101 (grade of C- or better is required)	_____	3	BIOL 204	( 3 )	_____	C) _____	( )	_____
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3	BIOL 205	( 4 )	_____	D) _____	( )	_____
CRTW 201 (grade of C- or better in HMXP 102 is required)	_____	3	BIOL 206	( 4 )	_____	CHEM 105	( 4 )	_____
<b>Oral Communication</b> (met in major with BIOL 480)		0	BIOL 300	( 4 )	_____	CHEM 106-108	( 4 )	_____
<b>Technology</b> (met in major with BIOL 300 & 480)		0	BIOL 480	( 3 )	_____	CHEM 301	( 4 )	_____
<b>Intensive Writing</b> (met in major with BIOL 300)		0	BIOL 491	( 0 )	_____	CHEM 302-304	( 4 )	_____
<b>Constitution Requirement</b> (see approved list; may be met by other req.)			BIOL 492	( 0 )	_____	MATH 141	( 3 )	_____
_____	_____	0-3	A) BIOL _____	( 3-4 )	_____	(must have a lab)		
<b>Physical Activity</b> (see approved list)			A) BIOL _____	( )	_____			
_____	_____	1	B) BIOL 310	( 4 )	_____			
<b>Global Perspectives</b> (see approved list)			B) BIOL 317	( 4 )	_____			
_____	_____	3	<b>Biology Areas and Electives</b>					
<b>Historical Perspectives</b> (see approved list)			<b>A. Ecology, Evolution and Field Biology (select two courses, one of which must include a lab):</b>					
_____	_____	3	Lab courses: BIOL 303, 304, 323, 403, 508, 510, 511, 515, 525, 552A, 552B					
<b>Social Science</b> (see approved list; must include 2 designators)			Non-Lab courses: BIOL 309, 404, 505, 513, 518, 524, 551, 560					
_____	_____	3	<b>B. Cells, Genes and Developmental Biology (satisfied by the required program)</b>					
<b>Humanities and Arts</b> (see approved list; must include 2 designators)			<b>C. Other Electives:</b> select additional courses to total 42 hours in BIOL from the above lists					
_____	_____	3	and from: BIOL 307, 308, 315, 321, 322, 440, 450H, 461, 463, 471, 507, 517,					
_____	_____	3	519, 521, 528, 530, 540, 555, 557					
<b>Quantitative Skills</b> (see approved list)			<b>D. Additional Mathematics or Science Electives:</b> select 3 additional hours from					
_____	_____	3-4	the following list: CHEM 313 & 314, 523, 524 & 525; CSCI 101/101 A, B, C; MATH (except					
<b>Natural Science</b> (met in major with BIOL 203/204 & CHEM 105)		0	291, 292 and any course satisfying the Quantitative Skills Area; PHYS (except 101/102); GEOL					
FOREIGN LANGUAGE (3-8 semester hours)			GENERAL ELECTIVES (12-21 semester hours)					
_____	_____	3-4	_____	( )	_____	_____	( )	_____
_____	_____	0-4	_____	( )	_____	_____	( )	_____
102-level proficiency required			_____	( )	_____	_____	( )	_____
			_____	( )	_____	_____	( )	_____
			_____	( )	_____	_____	( )	_____
			_____	( )	_____	_____	( )	_____

**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.
  6. See complete catalog requirements at [www.winthrop.edu/recandreg](http://www.winthrop.edu/recandreg)