

DEGREE CHECKLIST (College of Arts and Sciences)

2020-2021 Catalog

NAME

ID#

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

GENERAL EDUCATION REQUIREMENTS (32-36 semester hours)		
	Check	Hrs.
ACAD 101 (Required of first-time freshmen only)	_____	1
Writing and Critical Thinking:		
WRIT 101 (grade of C- or better is required)	_____	3
HMPX 102 (grade of C- or better in WRIT 101 is required)	_____	3
CRTW 201 (grade of C- or better in HMPX 102 is required)	_____	3
Oral Communication (met in major with BIOL 480)		0
Technology (met in major with BIOL 300 & 480)		0
Intensive Writing (met in major with BIOL 300)		0
Constitution Requirement (see approved list; may be met by other req.)		
_____	_____	0-3
Physical Activity (see approved list)		
_____	_____	1
Global Perspectives (see approved list)		
_____	_____	3
Historical Perspectives (see approved list)		
_____	_____	3
Social Science (see approved list; must include 2 designators)		
_____	_____	3
_____	_____	3
Humanities and Arts (see approved list; must include 2 designators)		
_____	_____	3
_____	_____	3
Quantitative Skills (see approved list)		
_____	_____	3-4
Natural Science (met in major with BIOL 220/222 or 220/270 and CHEM 105)		0

MAJOR COURSES (64 semester hours)					
Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
BIOL 202	(0)	_____	D) _____	()	_____
BIOL 220	(3)	_____	D) _____	()	_____
BIOL 222 or 270	(1)	_____	D) _____	()	_____
BIOL 221	(3)	_____	D) _____	()	_____
BIOL 223 or 271	(1)	_____	E) _____	()	_____
BIOL 300	(4)	_____	E) _____	()	_____
BIOL 310	(4)	_____	CHEM 105	(4)	_____
BIOL 316 or 317	(3-4)	_____	CHEM 108	(2)	_____
BIOL 480	(3)	_____	CHEM 301	(4)	_____
BIOL 491	(0)	_____	CHEM 302/304	(4)	_____
BIOL 492	(0)	_____	MATH 141	(3)	_____
BIOL 522	(4)	_____			
A) BIOL _____	(3-4)	_____			
Select one from A, B, or C:					
BIOL _____	()	_____			

FOREIGN LANGUAGE (3-8 semester hours)		
_____	_____	3-4
_____	_____	0-4
102-level proficiency required		

Biology Areas and Electives					
A. Ecology and Evolution (select one course): BIOL 302, 314, 323, 403, 405, 407, 507, 513, 551, 552A or B					
B. Cell and Molecular Biology: BIOL 315, 321, 422, 517, 519, 522, 528, 529, 539, 555, 560					
C. Biodiversity and Organismal Biology: BIOL 303, 304, 309, 310, 505, 508, 510, 511, 518, 524, 525, 526					
D. Select additional course to total 42 hours in BIOL from the above lists and from: BIOL 307, 308, 440, 450H, 461, 463, 471, 530, 540, 570					
E. Math and Science Electives (select 3 hours):					
Must be chosen from CHEM 313 & 314 (recommended); 523, 524, and 525; CSCI 101 and CSCI 101A, B, and C; MATH 101, 105, 150, 151, 201, 341, or any MATH course with 201 as a prerequisite (the MATH course used to satisfy Quantitative Skills may not be counted here); PHYS (except 101/102); GEOL; GEOG 305, 308, 320, or 501 (only one may be applied toward credit in the major)					
ELECTIVES (12-21 semester hours)					
_____	()	_____	_____	()	_____
_____	()	_____	_____	()	_____
_____	()	_____	_____	()	_____

NOTES

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

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, HMPX 102 and CRTW 201 with a C- or better by 75 hours.
6. See complete catalog requirements at www.winthrop.edu/recandreg