

DEGREE CHECKLIST (College of Arts and Sciences)

**2019-2020 Catalog
MAJOR B.S. — BIOLOGY**

NAME

ID#

GENERAL EDUCATION REQUIREMENT (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
_____	_____	
Humanities and Arts (see approved list; must include 2 designators)	_____	3
_____	_____	
Quantitative Skills (see approved list)	_____	3-4
Natural Science (met in major with BIOL 220/222 or 220/270 or 221/223 or 221/271 & CHEM 105)	_____	0

FOREIGN LANGUAGE (3-8 semester hours)

_____	_____	3-4
_____	_____	0-4
102-level proficiency required		

MAJOR COURSES (64-65 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)	_____	E) _____	()	_____
BIOL 223 or 271	(1)	_____	E) _____	()	_____
BIOL 300	(4)	_____	E) _____	()	_____
BIOL 316 or 317	(3-4)	_____	E) _____	(4)	_____
BIOL 480	(3)	_____	CHEM 105	(4)	_____
BIOL 491	(0)	_____	CHEM 106/108	(4)	_____
BIOL 492	(0)	_____	MATH**	(3-4)	_____
A) BIOL _____	(3-4)	_____	* At least one **MATH 101, 105, 141, 150, 151, 201, 341, or any		
B) BIOL _____	(3-4)	_____	course must MATH course with 201 as the prerequisite (the MATH		
C) BIOL _____	(3-4)	_____	include a lab course used to satisfy Quantitative Skills may not be		
One course from area A, B, or C:			used here)		
BIOL _____	(3-4)	_____			

Biology Areas and Electives (student must select at least one 500-level course)

- 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 (select one course):** BIOL 315, 321, 422, 517, 519, 522, 528, 529, 539, 555, 560
- C. Biodiversity and Organismal Biology (select one course):** 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 (11 additional hrs):** Must be chosen from MATH 101, 105, 141, 150, 151, 201, 341, or any MATH course with 201 as the prerequisite (the MATH course used to satisfy Quantitative Skills may not be counted here); CHEM (any course above 199 except 461, 462, or 463); PHYS (except 101/102); GEOL; GEOG 305, 320, 501 (only one may be applied toward credit in the major); and QMTH 205, 206 (if MATH 141 not selected).

ELECTIVES (11-21 semester hours)

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

NOTES

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

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