

DEGREE CHECKLIST (College of Arts and Sciences)

2025-2026 Catalog

NAME

ID#

MAJOR B.S. — BIOLOGY

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
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3
CRTW 201 (grade of C- or better in HMXP 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-Founding Documents Req. (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 201 or 211)		0

FOREIGN LANGUAGE (3-8 semester hours)

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

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.
- Students should complete WRIT 101, HMXP 102, & CRTW 201 with a C- or better early in their academic careers.
- See complete catalog requirements at www.winthrop.edu/recandreg

MAJOR COURSES (64-67 semester hours)

Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
BIOL 220 (3)	_____		D) _____ ()	_____	
BIOL 222 or 270 (1-2)	_____		D) _____ ()	_____	
BIOL 221 (3)	_____		D) _____ ()	_____	
BIOL 223 or 271 (1-2)	_____		D) _____ ()	_____	
BIOL 300 (4)	_____		E) _____ ()	_____	
BIOL 316 or 317 (3-4)	_____		E) _____ ()	_____	
BIOL 480 (3)	_____		E) _____ ()	_____	
BIOL 390 (0.5)	_____		E) _____ ()	_____	
BIOL 490 (0.5)	_____		CHEM 201, 202, & 204		
A) BIOL _____ (3-4)	_____		or CHEM 211 & 204 (6-9)	_____, _____, _____	
B) BIOL _____ (3-4)	_____		MATH 241 (3)	_____	
C) BIOL _____ (3-4)	_____				
* If BIOL 317 is not taken, at least two courses must include a lab					
One course from area A, B, or C:					
BIOL _____ (3-4)	_____				

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

- A. Ecology and Evolution (select one course):** BIOL 301, 302, 314, 323, 328, 340 or 403, 405, 407, 507, 513, 518, 542, 551, 552A or B
- B. Cell and Molecular Biology (select one course):** BIOL 310 or 311, 315 or 320, 321, 421, 422, 517, 519, 522, 526, 528, 529, 532, 539, 555, 560
- C. Biodiversity and Organismal Biology (select one course):** BIOL 303, 304, 305, 306, 307, 308, 309, 310 or 311, 505, 508, 510, 511, 518, 524, 525, 554
- D. Select additional course to total 44 hours in BIOL from the above lists and from:**
BIOL 275, 360, 371, 382, 383, 384, 388, 440, 450H, 460, 461, 463, 471, 472, 530, 540, 570
Students must select at least one 500-level BIOL course from among requirements above.
- E. Math and Science Electives (11 additional hrs):** Must be chosen from MATH 101, 105, 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 (104 or any course above 199 except 461 462, or 463); PHYS (except 101/102); GEOL; GEOG 305, 308, 320, 501 (only one may be applied toward credit in the major); NUTR 223, 227; ENVS 350 (Climate Change Present and Future), 375; CSCI 101 or CSCI 101A-P (only 3 hours of CSCI may be applied toward credit in the major)

ELECTIVES (9-21 semester hours)

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