

DEGREE CHECKLIST (College of Arts and Sciences)

2026-2027 Catalog

NAME

ID#

MAJOR B.S. — BIOLOGY (Concentration in Conservation)

GENERAL EDUCATION REQUIREMENTS (32-39 semester hours)			MAJOR COURSES (64-67 semester hours)					
	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	1	BIOL 220	(3)	_____	B) BIOL*	_____ (3-4)	_____
Writing and Critical Thinking:			BIOL 222 or 270	(1-2)	_____	C) BIOL*	_____ (3-4)	_____
WRIT 101 (grade of C- or better is required)	_____	3	BIOL 221	(3)	_____	*BIOL 310 or 311 recommended		
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3	BIOL 223 or 271	(1-2)	_____	D) _____	(3-4)	_____
CRTW 201 (grade of C- or better in HMXP 102 is required)	_____	3	BIOL 317	(4)	_____	D) _____	(3-4)	_____
Oral Communication (met in major with BIOL 480)		0	BIOL 303, 304, 306,			E) _____	(3-4)	_____
Technology (met in major with GEOG 305, 308, or 320)		0	403, 405, or 407	(4)	_____	E) _____	(3-4)	_____
Intensive Writing (may be met in major)	_____	0-3	BIOL 480	(3)	_____	E) _____	(3-4)	_____
Constitution-Founding Documents Req. (see approved list; may be met by other req.)			BIOL 513 or 518	(3)	_____	E) _____	(3-4)	_____
_____	_____	0-3	BIOL 390	(0.5)	_____	CHEM 201, 202, & 204		
Physical Activity (see approved list)			BIOL 490	(0.5)	_____	or CHEM 211 & 204 (6-9) ____ , ____ , ____		
_____	_____	1	BIOL 551 or 542	(3)	_____	MATH 241	(3)	_____
Global Perspectives (see approved list)			Conservation Experiential Learning (select 3 hours total):					
_____	_____	3	BIOL 371, 450H, 461, 463, 471, 552 (A or B), GEOL 345,			GEOG 305, 308, 320		
Historical Perspectives (see approved list)			or ENVS 375 (3) ____ , ____ , ____			(3)		_____
_____	_____	3	Biology Areas and Electives					
Social Science (see approved list; must include 2 designators)			A. Ecology and Evolution: BIOL 301, 302, 314, 323, 328, 340, 403, 405, 407, 507, 513, 518, 542, 552A or B					
_____	_____	3	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					
Humanities and Arts (see approved list; must include 2 designators)			C. Biodiversity and Organismal Biology (select one course if not met in requirements above):					
_____	_____	3	BIOL 303, 304, 305, 306, 307, 308, 309, 310 or 311, 505, 508, 510, 511, 518, 524, 525, 554					
_____	_____	3	D. Select additional courses to total 44 hours in BIOL from the above lists and from the following: BIOL 275, 300, 360, 371, 382, 383, 384, 388, 440, 450H, 460, 461, 463, 472, 530, 540, 570					
Quantitative Skills (see approved list)			E. Math and Science Electives (11 additional hrs): Must be chosen from MATH 101, 105, 150, 151, 201,					
_____	_____	3	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);					
Natural Science (met in major with BIOL 220/222 or 220/270 and CHEM 201 or 211)		0	GEOL; NUTR 223, 227; ENVS 350 (Climate Change Present and Future), 375; CSCI 101 or CSCI 101A-P					
FOREIGN LANGUAGE (3-8 semester hours)			(only 3 hours of CSCI may be applied toward credit in the major)					
_____	_____	3-4	ELECTIVES (6-21 semester hours)					
_____	_____	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 39 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 and CRTW 201 with a C- or better early in their academic careers.