

DEGREE CHECKLIST (College of Arts and Sciences)

2023-2024 Catalog

NAME

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

GENERAL EDUCATION REQUIREMENTS (32-36 semester hours)			MAJOR COURSES (64-65 semester hours)					
	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	1	BIOL 202	(1)	_____	B) BIOL _____	(3-4)	_____
Writing and Critical Thinking:			BIOL 220	(3)	_____	C) BIOL _____	(3-4)	_____
WRIT 101 (grade of C- or better is required)	_____		BIOL 222 or 270	(1-2)	_____	D) _____	(3-4)	_____
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3	BIOL 221	(3)	_____	D) _____	(3-4)	_____
CRTW 201 (grade of C- or better in HMXP 102 is required)	_____	3	BIOL 223 or 271	(1-2)	_____	E) _____	(3-4)	_____
Oral Communication (met in major with BIOL 480)		0	BIOL 300	(4)	_____	E) _____	(3-4)	_____
Technology (met in major with BIOL 300 & 480)		0	BIOL 317	(4)	_____	E) _____	(3-4)	_____
Intensive Writing (met in major with BIOL 300)		0	BIOL 403, 405,	(4)	_____	E) _____	(3-4)	_____
Constitution-Founding Documents Req. (see approved list; may be met by other req.)			or 407			CHEM 201/202 or 211	(4-7)	_____
_____	_____	0-3	BIOL 480	(3)	_____	CHEM 204	(2)	_____
Physical Activity (see approved list)			BIOL 513	(3)	_____	MATH* _____	(3-4)	_____
_____	_____	1	BIOL 390	(0.5)	_____	*MATH 101, 105, 150, 151, 201, 241, 341, or any MATH		
Global Perspectives (see approved list)			BIOL 490	(0.5)	_____	course with 201 as the prerequisite (the MATH		
_____	_____	3	BIOL 551	(3)	_____	course used for Quantitative Skills may not be used here)		
Historical Perspectives (see approved list)			BIOL 371, 450H,	(3)	_____			
_____	_____	3	461, 463, 471, or 552					
Social Science (see approved list; must include 2 designators)			(A or B)					
_____	_____	3	Biology Areas and Electives					
_____	_____	3	A. Ecology and Evolution: BIOL 301, 302, 314, 323, 328, 340, 403, 405, 407, 507, 518, 542, 552A or B					
Humanities and Arts (see approved list; must include 2 designators)			B. Cell and Molecular Biology (select one course): BIOL 310, 311, 315, 320, 321, 422, 517, 519, 522, 526,					
_____	_____	3	528, 529, 532, 539, 555, 560					
_____	_____	3	C. Biodiversity and Organismal Biology (select one course): BIOL 303, 304, 305, 306, 307, 308, 309, 310,					
Quantitative Skills (see approved list)			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					
Natural Science (met in major with BIOL 220/222 or 220/270 and CHEM 105)			the following: BIOL 275, 371, 440, 450H, 460, 461, 463, 471, 472, 530, 540, 570					
_____	_____	0	E. Math and Science Electives (11 additional hrs):					
_____	_____		Must be chosen from: MATH 101, 105, 141, 150, 151, 201, 341 or any MATH with 201 as the pre-requisite.					
_____	_____		(The MATH course used to satisfy the Quantitative Skills area may not be counted here.); CHEM (104 or any					
_____	_____		course above 199 except 461, 462 or 463); GEOG 305, 308, 320, or 501 (only one may be applied toward credit					
_____	_____		in the major); GEOL; PHYS (except 101/102); QMTH 205 (if MATH 141 not selected); NUTR 223 or 227;					
_____	_____		ENVS 350 (when taught as Climate Change Present and Future) or 375; CSCI 101 or CSCI 101A-P (only 3					
_____	_____		hours of CSCI may be applied toward credit in the major)					
_____	_____	0-4	ELECTIVES (8-21 semester hours)					
102-level proficiency required	_____		_____	()	_____	_____	()	_____
	_____		_____	()	_____	_____	()	_____
	_____		_____	()	_____	_____	()	_____
	_____		_____	()	_____	_____	()	_____

NOTES

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. Students should complete WRIT 101, HMXP 102 and CRTW 201 with a C- or better early in their academic careers.