

**DEGREE CHECKLIST (College of Arts and Sciences)**

**2024-2025 Catalog**

**NAME**

**ID#**

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

**GENERAL EDUCATION REQUIREMENTS (32-36 semester hours)**

**MAJOR COURSES (64-68 semester hours)**

	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	1	BIOL 202	( 0 )	_____	B) BIOL _____	( 3-4 )	_____
<b>Writing and Critical Thinking:</b>			BIOL 220	( 3 )	_____	C) BIOL _____	( 3-4 )	_____
WRIT 101 (grade of C- or better is required)	_____	3	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 )	_____
<b>Oral Communication</b> (met in major with BIOL 480)		0	BIOL 300	( 4 )	_____	E) _____	( 3-4 )	_____
<b>Technology</b> (met in major with BIOL 300 & 480)		0	BIOL 317	( 4 )	_____	E) _____	( 3-4 )	_____
<b>Intensive Writing</b> (met in major with BIOL 300)		0	BIOL 403, 405,	( 4 )	_____	E) _____	( 3-4 )	_____
<b>Constitution-Founding Documents Req.</b> (see approved list; may be met by other req.)			or 407			CHEM 201	( 4 )	_____
_____	_____	0-3	BIOL 480	( 3 )	_____	CHEM 202/204	( 5-6 )	____, ____
<b>Physical Activity</b> (see approved list)			BIOL 513	( 3 )	_____	or 211/204		
_____	_____	1	BIOL 390	( 0.5 )	_____	MATH* _____	( 3-4 )	_____
<b>Global Perspectives</b> (see approved list)			BIOL 490	( 0.5 )	_____	*MATH 101, 105, 141, 150, 151, 201, 341, or any MATH		
_____	_____	3	BIOL 551	( 3 )	_____	course with 201 as the prerequisite (the MATH		
<b>Historical Perspectives</b> (see approved list)			BIOL 552 (A or B)	( 3 )	_____	course used for Quantitative Skills may not be used here)		
_____	_____	3	<b>Biology Areas and Electives</b>					
<b>Social Science</b> (see approved list; must include 2 designators)			<b>A. Ecology and Evolution:</b> BIOL 301, 302, 314, 323, 403, 405, 407, 507, 542, 552A or B					
_____	_____	3	<b>B. Cell and Molecular Biology (select one course):</b> BIOL 310 or 311, 315 or 320, 321, 422, 517, 519, 522,					
_____	_____	3	526, 528, 529, 532, 539, 555, 560					
<b>Humanities and Arts</b> (see approved list; must include 2 designators)			<b>C. Biodiversity and Organismal Biology (select one course):</b> BIOL 303, 304, 305, 306, 307, 308, 309,					
_____	_____	3	310 or 311, 505, 508, 510, 511, 518, 524, 525, 554					
_____	_____	3	<b>D. Select additional courses to total 44 hours in BIOL from the above lists and from</b>					
<b>Quantitative Skills</b> (see approved list)			<b>the following:</b> BIOL 371, 440, 450H, 460, 461, 463, 472, 530, 539, 540, 570					
_____	_____	3	<b>E. Math and Science Electives (11 additional hrs):</b> Must be chosen from MATH 101, 105, 141, 150, 151, 201,					
<b>Natural Science</b> (met in major with BIOL 220/222 or 220/270 and CHEM 201 or 211)		0	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);					
			GEOG 305, 308, 320, 501 (only one may be applied toward credit in the major); GEOL; and QMTH 205, 206					
			(if MATH 141 not selected); NUTR 223 or 227; ENVS 350 (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)					
<b>FOREIGN LANGUAGE (3-8 semester hours)</b>						<b>ELECTIVES (8-21 semester hours)</b>		
_____	_____	3-4				_____	( )	_____
_____	_____	0-4				_____	( )	_____
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.