

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

**2022-2023 Catalog**

**NAME**

**ID#**

**MAJOR B.S. — BIOLOGY (Certification as Secondary School Teacher)**

**GENERAL EDUCATION REQUIREMENTS (29-33 semester hours)**

**MAJOR COURSES (65-66 semester hours)**

	Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
ACAD 101 (Required of first-time freshmen only)	_____	1	BIOL 202	( 0 )	_____	Additional BIOL electives to total 42 hours:		
<b>Writing and Critical Thinking:</b>			BIOL 220	( 3 )	_____	BIOL _____	( 3-4 )	_____
WRIT 101 (grade of C- or better is required)	_____	3	BIOL 222 or 270	( 1-2 )	_____	CHEM 105	( 4 )	_____
HMXP 102 (grade of C- or better in WRIT 101 is required)	_____	3	BIOL 221	( 3 )	_____	CHEM 108	( 2 )	_____
CRTW 201 (grade of C- or better in HMXP 102 is required)	_____	3	BIOL 223 or 271	( 1-2 )	_____	MATH** _____	( 3-4 )	_____
<b>Oral Communication</b> (met in major with BIOL 480)		0	BIOL 300	( 4 )	_____	GEOL 110/113 or 210	( 3-4 )	_____
<b>Technology</b> (met in major with BIOL 300 & 480)		0	BIOL 307, 308	( 8 )	_____	PHYS 201	( 4 )	_____
<b>Intensive Writing</b> (met in major with BIOL 300)		0	BIOL 315	( 4 )	_____	PHYS 202	( 4 )	_____
<b>Constitution-Founding Documents Req.</b> (see approved list; may be met by other req.)			BIOL 316 or 317	( 3-4 )	_____	Math and Science Electives***		
_____	_____	0-3	BIOL 480	( 3 )	_____	_____	( 1-2 )	_____
<b>Physical Activity</b> (see approved list)			BIOL 390, 490	( 1 )	_____	**MATH 101, 105, 141, 150, 151, 201, 341, or any MATH course		
_____	_____	1	BIOL 513	( 3 )	_____	with 201 as the prerequisite. (the MATH course used to satisfy		
<b>Global Perspectives</b> (see approved list)			BIOL 301, 302, 314, 323, 340 or 403, 405, 407, 507,			Quantitative Skills may not be counted here); must be		
_____	_____	3	542, 551, 552A or B	( 3-4 )	_____	MATH 141 if MATH 150 not taken.		
<b>Historical Perspectives</b> (see approved list)			BIOL 303, 304, 305, 306, 309, 505, 508, 510, 511,			***See MATH note above; CHEM (104 or any course above		
_____	_____	3	518, 524, 525, 554	( 3-4 )	_____	199 except 461, 462, or 463); PHYS (except 101/102); GEOL;		
<b>Social Science</b> (see approved list; must include 2 designators; 3 hours met with EDCO 200)						GEOL 305, 308, 320, 501 (only one may be applied toward credit		
_____	_____	3				in the major); and QMTH 205, 206 (if MATH 141 not selected).		
_____	_____	0-3						
<b>Humanities and Arts</b> (see approved list; must include 2 designators)						<b>Professional Education Sequence (38 semester hours required):</b> A grade of C or better		
_____	_____	3	EDCO 101	( 1 )	_____	is required in all but EDCO 402 and may not be taken on the S/U basis.		
_____	_____	3	EDCO 200*	( 3 )	_____	Admission to Teacher Education Program is prerequisite for all EDCO courses above 299.		
<b>Quantitative Skills</b> (see approved list)			EDCO 201* / 202*	( 2 )	( 2 )	EDCO 350	( 3 )	_____
_____	_____	3-4	EDCO 220	( 2 )	_____	EDCO 401*# ( 1 ) _____ 402*# ( 9 ) _____ 410 ( 2 ) _____		
<b>Natural Science</b> (met in major with BIOL 220/222 or 220/270 and CHEM 105)		0	EDCO 305*	( 2 )	_____	SCIE 390*	( 1 )	_____
						SCIE 391*	( 3 )	_____
						SCIE 393*	( 1 )	_____
						READ 331	( 3 )	_____
						READ 346	( 3 )	_____

**FOREIGN LANGUAGE (3-8 semester hours)**

_____	_____	3-4				*Field Hours required; # Follows public school calendar		
_____	_____	0-4				Declaration of Secondary Education minor		
102-level proficiency required						Formal Application to Education Program filed		
						Cultural Events requirement completed (3 hrs. for each 20 hrs		
						completed at Winthrop.) Note exceptions in the undergraduate catalog.		
						Completed 12 hours in BIOL at Winthrop		
						Minimum of 40 hours in courses numbered above 299		

**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. Designators that differ only for the purpose of theory and application will be considered the same designator.
3. Students should complete WRIT 101, HMXP 102 and CRTW 201 with a C- or better early in their academic careers.
4. See complete catalog requirements at [www.winthrop.edu/recandreg](http://www.winthrop.edu/recandreg)

*For admission requirements to Teacher Education program, check website at [coe.winthrop.edu/sas/](http://coe.winthrop.edu/sas/)*