

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

**2016-2017 Catalog  
MAJOR B.S. — BIOLOGY**

**NAME**

**ID#**

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

	<b>Check</b>	<b>Hrs.</b>
ACAD 101 (Required of first-time freshmen only)	_____	1
<b>Writing and Critical Thinking:</b>		
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
<b>Oral Communication</b> (met in major with BIOL 480)		0
<b>Technology</b> (met in major with BIOL 300 & 480)		0
<b>Intensive Writing</b> (met in major with BIOL 300)		0
<b>Constitution Requirement</b> (see approved list; may be met by other req.)		
_____	_____	0-3
<b>Physical Activity</b> (see approved list)		
_____	_____	1
<b>Global Perspectives</b> (see approved list)		
_____	_____	3
<b>Historical Perspectives</b> (see approved list)		
_____	_____	3
<b>Social Science</b> (see approved list; must include 2 designators)		
_____	_____	3
_____	_____	3
<b>Humanities and Arts</b> (see approved list; must include 2 designators)		
_____	_____	3
_____	_____	3
<b>Quantitative Skills</b> (see approved list)		
_____	_____	3-4
<b>Natural Science</b> (met in major with BIOL 203/204 & CHEM 105)		0

**MAJOR COURSES (64-65 semester hours)**

<b>Course &amp; No.</b>	<b>Hrs.</b>	<b>Check</b>	<b>Course &amp; No.</b>	<b>Hrs.</b>	<b>Check</b>
BIOL 202	( 0 )	_____	C) _____	( )	_____
BIOL 203	( 1 )	_____	C) _____	( )	_____
BIOL 204	( 3 )	_____	C) _____	( )	_____
BIOL 205	( 4 )	_____	D) _____	( )	_____
BIOL 206	( 4 )	_____	D) _____	( )	_____
BIOL 300	( 4 )	_____	D) _____	( )	_____
BIOL 480	( 3 )	_____	D) _____	( )	_____
BIOL 491	( 0 )	_____	CHEM 105	( 4 )	_____
BIOL 492	( 0 )	_____	CHEM 106/108	( 4 )	_____
A) BIOL _____ ( 3-4 )	_____	(must have a lab)	MATH* _____ ( 3-4 )	_____	
A) BIOL _____ ( )	_____		*(Excluding MATH 291 and 292)		
B) BIOL _____ ( 4 )	_____	(must have a lab)			
B) BIOL _____ ( )	_____				

**Student must select at least one 500-level course.**

**Biology Areas and Electives**

**A. Ecology, Evolution and Field Biology (select two courses, one of which must include a lab):**  
 Lab courses: BIOL 303, 304, 323, 403, 508, 510, 511, 515, 525, 552A, 552B  
 Non-Lab courses: BIOL 309, 404, 505, 513, 518, 524, 551, 560

**B. Cells, Genes and Developmental Biology (select two courses, one of which must include a lab):**  
 Lab courses: BIOL 310, 315, 317, 321, 322, 507, 519, 521, 522, 528, 530, 555, 557  
 Non-Lab courses: BIOL 517, 519, 555

**C. Other Electives:** select additional courses to total 42 hours in BIOL from the above lists and from:  
 BIOL 307, 308, 440, 450H, 461, 463, 471, 540

**D. Math and Science Electives:** select 11 additional hours from MATH (except 291 and 292 and any course used to satisfy the Quantitative Skills area); CHEM (except 101, 104, 461, 462, or 463); PHYS (except 101, 102); GEOL; and QMTH 205, 210 (if MATH 141 not selected)

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

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

**ELECTIVES (11-21 semester hours)**

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

**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. Complete WRIT 101, HMXP 102 and CRTW 201 with a C- or better by 75 hours.
6. See complete catalog requirements at [www.winthrop.edu/recandreg](http://www.winthrop.edu/recandreg)

*Students interested in fifth year MAT program can access checklist online at [www.winthrop.edu/cas/studentervices/](http://www.winthrop.edu/cas/studentervices/)*