

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

2008-2009 Catalog  
MAJOR B.S. – BIOLOGY

NAME	ADVISER	Check	Hrs.
<b>GENERAL EDUCATION REQUIREMENTS</b>			
ACAD 101 (Required of first-time freshmen only)		_____	0-1
<b>Critical Skills</b>			
<b>Writing and Critical Thinking</b>			
WRIT 101 (A grade of C- or better is required)		_____	3
CRTW 201 (A grade of C- or better in (HMXP 102 is required as a prerequisite)		_____	3
<b>Quantitative Skills</b> (met by major)			
<b>Logic/Language/Semiotics</b>			
MATH (met by major)		_____	0
Foreign Language (102-level proficiency required)		_____	3-4
<b>Oral Communication</b> (met by major)		_____	0
<b>Technology</b> (met by major)		_____	0
<b>Skills for Common Experience and Thinking Across Disciplines</b>			
HMXP 102 (A grade of C- or better in WRIT101 is required as a prerequisite)		_____	3
<b>Global Perspectives</b> (see approved list)		_____	3
<b>Historical Perspectives</b> (see approved list)		_____	3
<b>Developing Critical Skills and Applying them to Disciplines</b>			
<b>Natural Science</b> (met by major)		_____	0
<b>Social Science</b> (see approved list; must include two designators)		_____	3
		_____	3
		_____	0-3*
<b>Humanities and Art</b> (see approved list; must include two designators)		_____	3
		_____	3
		_____	0-3*
*A total of 15 hours is required in Social Science/Humanities & Arts.			
<b>Intensive Writing</b> (met by major)		_____	0
<b>Constitution Requirement</b> (see approved list; may be met by other requirement)		_____	0-3
<b>SUBTOTAL</b>			<b>33-38</b>

<b>Major Courses (67 semester hours)</b>					
Course & No.	Hrs.	Check	Course & No.	Hrs.	Check
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 105-107	(4)	_____
BIOL 492	(0)	_____	CHEM 106-108	(4)	_____
A) BIOL _____	(4)	_____ (must have a lab)	CTQR 150 or MATH		_____
A) BIOL _____	( )	_____	105 or 201	(3)	_____
B) BIOL _____	(4)	_____ (must have a lab)	MATH _____	(3)	_____
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, 527  
 Non-Lab courses: BIOL 404, 505, 513, 518, 524, 560

**B. Cells, Genes and Developmental Biology (select two courses, one of which must include a lab)**  
 Lab courses: BIOL 307, 308, 310, 315, 318, 321, 322, 507, 521, 522, 530  
 Non-lab courses: BIOL 317, 517, 519, 555

**C. Other Electives:** select additional courses to total 42 hours in BIOL from the above lists and from:  
 BIOL 340 (A, B, or C), 440, 450H, 461, 463, 471, 540

**D. Additional 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, 340A, B, C, 461, 462, or 463); PHYS (except 101, 102); GEOL; and QMTH 205, 206 (if MATH 141 not selected)

**Foreign Language Requirement** \_\_\_\_\_ **(0-4)** \_\_\_\_\_

<b>ELECTIVES (15-24 semester hours)</b>					
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____
_____	( )	_____	_____	( )	_____

- 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.