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6. See complete catalog requirements at www.winthrop.edu/recandreg

MAJOR B.S. — BIOLOGY (Concentration in Biomedical Research)

GENERAL EDUCATION REQUIREMENTS (29-32 semester hours)		MAJOR COURSES (75-86 semester hours)					
Check	Hrs.	Course & No.	Hrs.	Check	Course & No.	Hrs. C	Check
ACAD 101 (Required of first-time freshmen only)	1	BIOL 220	(3)		Select one course from Area A	A. If BIOL 321	1 is
Writing and Critical Thinking:		BIOL 222 or 270	(1-2)	(1-2) taken, select one from Area C.*:			
WRIT 101 (grade of C- or better is required)	3	BIOL 221	(3)		BIOL	(3-4)	
HMXP 102 (grade of C- or better in WRIT 101 is required)	3	BIOL 223 or 271	(1-2)		D)	(3-4)	
CRTW 201 (grade of C- or better in HMXP 102 is required)	3	BIOL 300	(4)		D)	(3-4)	
Oral Communication (met in major with BIOL 480)	0	BIOL 307, 308, or 321	(4)		CHEM 201, 202, & 204		
Technology (met in major with BIOL 300 & 480)	0	BIOL 310 or 311	(3-4)		or CHEM 211 & 204	(6- 9),	,
Intensive Writing (met in major with BIOL 300)	0	BIOL 315 or 320	(3-4)		CHEM 301	(4)	
Constitution-Founding Documents Req. (see approved list; may be met by other req.)		BIOL 316 or 317	(3-4)		CHEM 302/304	(4)	
	0-3	BIOL 450H or 471*	(3)		CHEM 323, 520, or 523/525	(3-5)	
Physical Activity (see approved list)		BIOL 480	(3)		MATH 105 or 201	(3-4)	
	1	BIOL 390	(0.5)		MATH 241, 341, 541, 546,	(3) _	
Global Perspectives (see approved list)		BIOL 490			or BIOL 570		
	3	BIOL 517, 519, 522,	(3-4)		PHYS 201/202 or 211/212	(8)	
Historical Perspectives (see approved list)		526, 530, 532, 539,			*At least one course must be selected from Micro	biology, Cell	l Biolog
	3	550, or 560			or Genetics requirement above (BIOL 310, 315, o	r 317).	
Social Science (see approved list; must include 2 designators)							
	3	Biology Areas and	Electives	1			
	3	A. Ecology and Ev	olution (select one c	course): BIOL 301, 302, 314, 323, 328, 340 or 403	3, 405, 407, 50	507,
Humanities and Arts (see approved list; must include 2 designators)		513, 518, 542, 55	51, 552A	or B			
	3	B. Cell and Molecular Biology (satisfied by the required program): BIOL 321, 421, 422, 517, 519,					
	3	522, 526, 528, 529, 532, 539, 555, 560					
Quantitative Skills (partially met in major with MATH 105 or 201)	0	C. Biodiversity and	d Organi	smal Biolo	ogy (select one course): BIOL 303, 304, 305, 306,	307, 308, 309	9,
Natural Science (met in major with BIOL 220/222 or 220/270 and CHEM 201 or 211)	0	505, 508, 510, 511, 518, 524, 525, 554					
		D. Select additional courses to total 44 hours in BIOL from the above lists and from					
		the following: BIOL 275, 360, 371, 382, 383, 384, 388, 440, 450H, 460, 461, 463, 471, 472, 530,					
FOREIGN LANGUAGE (3-8 semester hours)		540, 570					
	3-4		te two sen	nesters of un	ndergraduate research. A paid summer research position	on may count	
	0-4	as one semester if appr	oved by the	he Departme	ent Chair. A maximum of six hours of credit for resea	rch may	
102-level proficiency required			-	_	ourses required for the BS degree.	·	
NOTES		ELECTIVES (0-13 s					
1. Unless stated otherwise, a single course may not be used for more than one General Education		ì				()	
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 a	andamia	Corpore					
5. Students should complete with 101, there in 2 and CR1 w 201 with a C- of better early in their a	Caucillic (Carcers.					