

Bachelor of Science BIOLOGY: CELLULAR & MOLECULAR BIOLOGY

2005-2006 Undergraduate Catalog

8-Term Plan

Freshman Year							
1 st term			2 nd term				
BIO 181:181L	Unity of Life I		4	BIO 182	Unity of Life II	4	
Science Support	Chemistry (LS) **		5	Science Support	Chemistry (SAS) **	4	
Science Support	Math (FNRQ) **		4	ENG 105	Critical Reading and Writing (FNRQ)	4	
General Elective			3	General Elective		3	
FYE 101	First Year Experience		1				
		Total units	17		Tot	al units 15	

Sophomore Year							
3 rd term				4 th term			
BIO 205	Microbiology		4	BIO 340	Genetics and Evolution		
BIO 305W	Microbiology Writing Lab		1	Major Elective	*		3
Science Support	Math **		4	Science Support	Physics (SAS)**		4
Science Support	Physics (SAS) **		4	Liberal Studies			3
				Liberal Studies			3
		Total units	13			Total units	13

Junior Year							
	5 th term			6 th term			
BIO 344	Cellular & Molecular Biology		3	Major Elective * 4			
BIO 349L	Molecular Techniques		3	Major Elective * 4			
Science Support	Chemistry **		4	Science Support Chemistry ** 4			
Liberal Studies			3	Science Support Physics ** 3			
Diversity			3	Meet with advisor prior to enrolling in 7 th term			
		Total units	17	Total units 14			

Senior Year							
	7 th term			8 th term			
BIO 401C	Immunobiology		4	Major Elective *		3	
Science Support	Chemistry **		3	Diversity		3	
Liberal Studies			3	Liberal Studies		3	
General Elective			3	General Elective		3	
General Elective			3	General Elective		3	
Submit graduation a	application during 7 th term					_	
		Total units	16		Total units	15	

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

Recitations are available and strongly encouraged for BIO 181, BIO 182, CHM 151, CHM 152, CHM 235, CHM 238, PHY 111, PHY 112, PHY 161 & PHY 262, , however they are not required.

It is required to complete at least 40 units of biology and major electives with a grade of C or better.

*Major electives include 14 units of additional coursework from:

- BIO 331, 343, 350, 369, 410, 411, 440, 440L, 446, 471, 488C, 502, 545, 550 & 551
- up to 3 units of BIO 300
- up to 6 units from BIO 408, 485, 497, and 498
- up to 6 units from CHM 238L, 320, & 560

**Science Support Classes include 24-39 units from the following:

- CHM 130 and 151L or CHM 151, 151L, 152, 152L
- CHM 230 and 230L or CHM 235, 235L, and 238
- CHM 360 or 461
- MAT 125 plus STA 270 or PSY 230 or MAT 136 only
- PHY 111, 111L, 112, and 112L or PHY 161, 161L, 262, 262L, and 263

Once the Science Support classes are fulfilled, you can take general electives to satisfy the units

GENERAL INFORMATION

- This 8-term plan is to be used in conjunction with the academic catalog and degree audit report.
- Honors students complete different requirements to meet NAU's liberal studies program. Students should consult an Honors Program advisor for complete information on fulfilling Honors Liberal Studies requirements
- Students should see an academic advisor regularly to confirm their academic progress.
- Students must see an academic advisor before enrollment for the 7th term in preparation for graduation.
- All students are required to complete at least 120 total units which includes:
 - 35 units of liberal studies courses: http://www4.nau.edu/aio/Articulation/LScourselist.htm
 - 6 units of diversity courses: (3 units in Global & 3 units in Ethnic): The diversity requirement may be fulfilled in any part of the program of study.

http://www4.nau.edu/aio/Articulation/DiversityCourseList/htm

- 30 units of upper division courses (300-400 level), 18 of these units must be taken at NAU
- English placement: http://www.nau.edu/comp/placement.html
- Math placement: http://www.math.nau.edu/master.html?http://www.math.nau.edu/odin.html

CONTACT INFORMATION

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