NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
BIOLOGY: PHYSIOLOGY
2005-2006 Undergraduate Catalog

8-Term Plan

Freshman Year

1st term				2nd 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		2		General Elective		3	
FYE 101	First Year Experience	1					
	Total units	16			Total units	15	

Sophomore Year

3rd term				4th term			
BIO 340	Genetics & Evolution	3		BIO 344	Cellular & Molecular Biology	3	
Science Support	Math ****	4		Major Elective	*	3	
Science Support	Physics (SAS) ****	4		Science Support	Physics (SAS) ****	4	
Diversity		3		Liberal Studies		3	
	Total units	14			Total units	13	

Junior Year

5th term				6th term			
Junior Level Writing Course **		3		Major Elective	*	3	
Major Elective	*	3		Science Support	Chemistry ****	4	
Science Support	Chemistry ****	4		Science Support	Physics ****	3	
Liberal Studies		3		Liberal Studies		3	
Liberal Studies		3		General Elective		3	
				Meet with advisor prior to enrolling in 7th term			
	Total units	16			Total units	16	

Senior Year

7th term				8th term			
Major Elective	*	3		Capstone	***	3	
Major Elective	*	3		Major Elective	*	3	
Science Support	Chemistry ****	3		Liberal Studies		3	
Diversity		3		General Elective		3	
General Elective		3		General Elective		3	
Submit graduation application during 7th term							
	Total units	15			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 17-19 units of additional coursework from:

- BIO 201, 202, 320, 331, 350, 401C, 424, 425C, 426C, 440, 444C, 446, 488C, 535, 540, 545, and 673
- up to 3 units of BIO 300
- up to 6 units from BIO 408, 485, 497, and 498
- up to 6 units from (3 if you took ENG 302W) from PSY 330, 350, 355, 420, and 670; EXS 336, 337, 460, 465C, 570, and 575; and NTS 256, 370, 465, and 470
- no more than 10 additional units from any BIO courses, except BIO 100/100L and 310.

** Junior level writing requirements includes 3-5 units from the following:

- BIO 326 and 326LW **or** BIO 205 and 305W **or** ENG 302W

***Capstone courses include 4 units from the following:

- BIO 425C and 425L **or** BIO 426C and 426L **or** BIO 444C

****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.
- http://www4.nau.edu/aio/Articulation/DiversityCourseList/htmuld 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.
  - 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
Biology Advisement Center
Building 21, Room 144
Phone: 928-523-9304
Department Chair: Lee Drickamer
Phone: 928-523-0388
EMAIL: Lee.Drickamer@nau.edu

Debbie Wildermuth
Academic Services Coordinator
College of Engineering and Natural Sciences
Building 21, Room 102
Phone: 928-523-3842
EMAIL: Debbie.Wildermuth@nau.edu