NORTHERN ARIZONA UNIVERSITY
College of Engineering & Natural Sciences

Bachelor of Science
CHEMISTRY: PREFORENSIC CHEMISTRY AND CRIMINALISTICS

2005-2006 Undergraduate Catalog

8-Term Plan

Freshman Year

1st term			2nd term		
CHM 151	General Chemistry I	4	CHM 152	General Chemistry II	3
CHM 151L	General Chemistry I Lab	1	CHM 152L	General Chemistry II Lab	1
CJ 101	Introduction to Criminal Justice (SPW)	3	MAT 136	Calculus I (SAS)	4
Diversity		3	ENG 105	Critical Reading and Writing (FNRQ)	4
General Elective	*	3	Liberal Studies		3
FYE 101	First Year Experience	1			
	Total units	15		Total units	15

Sophomore Year

3rd term			4th term		
CHM 235	Organic Chemistry I	4	CHM 238	Organic Chemistry II	3
CHM 235L	Organic Chemistry I Lab	1	CHM 238L	Organic Chemistry II Lab	2
PHY 161	University Physics I (LS)	3	PHY 262	University Physics II (SAS)	3
PHY 161L	University Physics I Lab	1	First course from chosen track	**	3
MAT 137	Calculus II (FNRQ)	4	General Elective		4
General Elective		3			
	Total units	16		Total units	15

Junior Year

5th term			6th term		
CHM 341	Physical Chemistry I	3	CHM 320	Analytical Chemistry	3
CHM 461	Biochemistry I	3	CHM 320L	Analytical Chemistry Lab	1
Junior Level Writing Course ***		3	Liberal Studies		3
Diversity		3	Liberal Studies		3
Second course from chosen track **		3	Third course from chosen track **		3
			General Elective		3
			Meet with advisor prior to enrolling in 7th term		
	Total units	15		Total units	16

Senior Year

7th term			8th term		
CHM 425	Instrumental Analysis	3	CHM 408C	Fieldwork Experience	12
CHM 425L	Instrumental Analysis Lab	2			
Fourth course from chosen track or General Electives **		3			
Liberal Studies		3			
General Elective		3			
General Elective		2			
Submit graduation application during 7th term					
	Total units	16		Total units	12

PROGRAM INFORMATION

A minimum of 120 units are required for this degree.

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

* If you are not prepared to take MAT 136 in term 2, MAT 125 will take the place of the general elective in term 1.

**Student will have to choose one of three tracks:

1. BIO 181:181L, BIO 182, BIO 205 (pre-requisite for BIO 350), and BIO 350
2. CJ 270, PSY 101(also satisfies liberal studies - SPW), PSY 432
3. CJ 270, CJ 275, CJ 390

*** Junior Level Writing Requirement is fulfilled by the completion of CHM 300W, ENG 302W, or ENG 305W

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

Chemistry Department
Building 20, Room 125
Phone: 928-523-3008
Department Chair: Brandon Cruickshank
Phone: 928-523-9602
EMAIL: Brandon.Cruickshank@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