

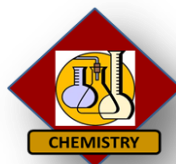
College: **College of Sciences**  
 Department: **Chemistry Department**

Requirements for entering terms: **Fall 2015 - Spring 2016**  
 Catalog Expires (10 yrs): **August 2026**  
 Graduation: **Spring 2019 - Fall 2019**



Take 15 credits per semester to graduate in 4 years

	Credits
1st Year:	31
2nd Year:	31
3rd Year:	29
4th Year:	29
<b>Total:</b>	<b>120</b>



University of Nevada, Las Vegas (UNLV)  
**Chemistry Department**  
 Chemistry Building (CHE-106)  
 702-895-3510  
[www.unlv.edu/chemistry](http://www.unlv.edu/chemistry)

1st Year	First Semester		Second Semester	
	Course	Credits	Course	Credits
	→ ENG 101 English Composition I	3	→ ENG 102 Composition II	3
	→ MATH 181 Calculus I*	4	GEOL 102 Earth and Life	4
	Choose First Year Seminar (SCI-101 recommended)	2	Math course <sup>v</sup>	3
	Any GEOL/GEOG 100-level course	3	Choose Humanities Field 1**	3
	Choose Social Science Field 1**	3	Choose Fine Arts**	3
	<b>Total First Semester:</b>	<b>15</b>	<b>Total Second Semester:</b>	<b>16</b>

2nd Year	Third Semester		Fourth Semester	
	Course	Credits	Course	Credits
	→ GEOL 220 Mineralogy	4	→ GEOL 333 Principles of Geomorphology	4
	→ PHYS 151 General Physics I <sup>△</sup>	4	→ PHYS 152 General Physics II <sup>△</sup>	4
	→ CHEM121/121L General Chemistry	4	→ CHEM 122 General Chemistry II	4
	Choose Second Year Seminar	3	Geology or other topics	4
	<b>Total Third Semester:</b>	<b>15</b>	<b>Total Third Semester:</b>	<b>16</b>

3rd Year	Fifth Semester		Sixth Semester	
	Course	Credits	Course	Credits
	→ GEOL 348 Field Geology	3	→ Geology or other topics	3
	→ GEOL 341 Structural Geology	4	→ Geology or other topics	3
	HIST 100 or PSC 101 US NV Consitution	4	→ GEOL 372 Advanced Field Geology	3
	→ Writing course***	3	Choose Social Science Field 3**	3
			Choose Humanities Field 2**	3
	<b>Total Fifth Semester:</b>	<b>14</b>	<b>Total Sixth Semester:</b>	<b>15</b>

4th Year	Seventh Semester		Eighth Semester	
	Course	Credits	Course	Credits
	→ Geology or other topics	3	→ GEOL 427 Igneous & Metamorphic Petrography	4
	→ Geology or other topics	3	→ GEOL 462 Principles of Stratigraphy & Sedimentation	4
	→ Geology or other topics	3	→ Geology or other topics 300 level and above	2
	→ Geology or other topics 300 level and above	3	→ Geology or other topics 300 level and above	1
	→ Geology or other topics 300 level and above	3	Choose Social Science Field 2**	3
	<b>Total Seventh Semester:</b>	<b>15</b>	<b>Total Eighth Semester:</b>	<b>14</b>

**Notes**

→ course has a prerequisite--see reverse side for course sequences or go to the UNLV online catalog at <http://catalog.unlv.edu/>

\* OR the combination of MATH 126 Precalculus I and MATH 126, OR MATH 128 Precalculus I and II

\*\*A minimum of six (6) credits are required, to be composed of a three-credit multicultural course and a three-credit international course that may simultaneously fulfill other general education requirements (General Education Requirements are Italized). A single course may not simultaneously meet both the multicultural and international requirements. Discuss with your Academic Advisor!

\*\*\*Select one course from: ENG 407A Fundamentals of Business Writing OR ENG 405B Research and Editing OR ENG 407B Technical Writing OR ENG 407C Advanced Professional Communication

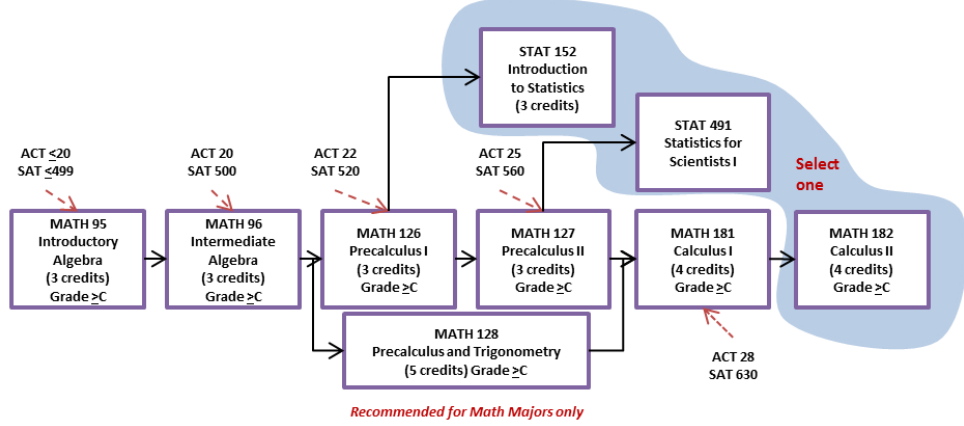
△GEOL 221 Intro to Optical Mineralogy and Petrography is the prerequisite for GEOL 348 Field Geology. This prerequisite can count toward the requirement for 18 credits of elective classes in Geology or other topics

∇MATH 182 Calculus II OR STAT 152 Introduction to Statistics OR STAT 491 Statistics for Scientists

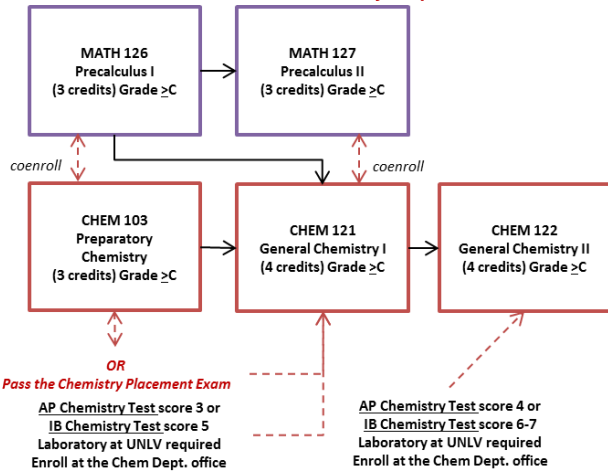
△OR select PHYS 180 & 180L Engineering Physics I and EITHER PHYS 181 & 181L Engineering Physics II OR PHYS 182/182L Engineering Physics III; MATH 182 Calculus II is a prerequisite FOR 181 AND 182.∇

# LOWER DIVISION PREREQUISITE COURSE SEQUENCES FOR GEOLOGY MAJORS

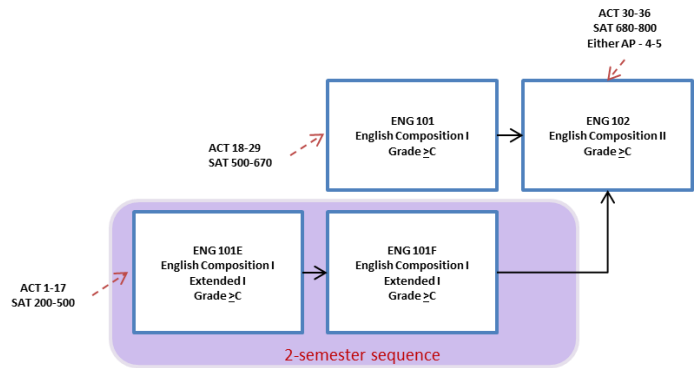
## Lower Division Math Sequence



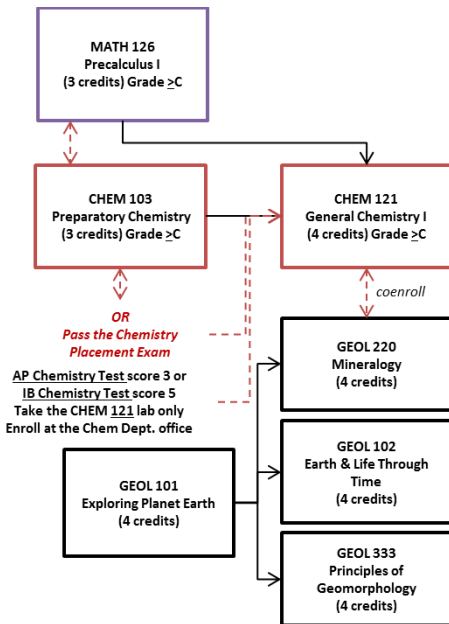
## Lower Division Chemistry Sequence



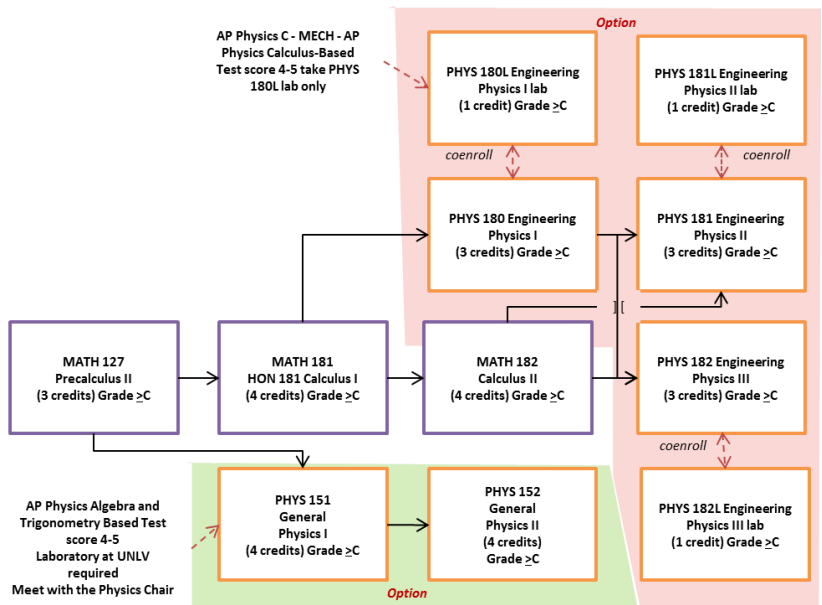
## Lower Division English Sequence



## Lower Division Geology Sequence



## Lower Division Physics Sequence



Read the UNLV Catalog for Upper Division Course Prerequisites <http://catalog.unlv.edu/>