

STUDENT NAME/SID:

EXPECTED GRADUATION DATE:

**BREADTH REQUIREMENTS: Breadth Course Offerings****ENGLISH (12 units) - Grade of "C" or better is required**

Course Name	Units	Grade
ENGL001A	4	
ENGL001B	4	
ENGL 001C	4	

**HUMANITIES (12 units)**

One (1) course from: World History 10, 15, or 20

4

One (1) course in: fine arts (art, art history, creative writing, dance, music, theater) literature, philosophy, religious studies

4

One (1) additional 4-unit course from the subjects listed above

**SOCIAL SCIENCES (12 units)**

One (1) course in: economics, political science

4

One (1) course in: anthropology, psychology, sociology

4

One (1) additional 4-unit course from courses listed above

4

**ETHNIC STUDIES (4 units)**

May count towards add'l humanities or add'l social sciences, but not both

4

**BIOLOGICAL SCIENCES (4 units)**

4

**MATHEMATICS (4 units)**

4

**PHYSICAL SCIENCE (4 units)**

4

Two (2) additional 4-unit courses from math, biological sciences or physical science

4

4

**EARTH SCIENCES MAJOR - B.S. Degree****FALL 2017 & 2018 CATALOGS**

Must pass all GEO courses in the major and prerequisite to courses in the major with at least "C" before advancing in the sequence.

**EARTH SCIENCES Core Requirements**

Lower Division 48-53 units

+5 Additional Lower Division Units

**Course Name****Units****Grade**

GEO 001

4

GEO 002 or 009 or 011

4

GEO 003/BIOLOG 010

4

Must take one (1) from the following:

GEO 004 or

4

GEO 007 or

4

GEO 008 or

4

GEO 010 or

4

GEO 012

4

BIOL 005A &amp; 05LA/020

5/6

CHEM 001A/01LA

5

CHEM 001B/01LB

5

CHEM 001C/01LC

5

MATH 009A

4

MATH 009B

4

MATH 046

4

Must take one (1) PHYS Series from below:

PHYS 040A

5

PHYS 040B

5

or

PHYS 002A &amp; 02LA

5

PHYS 002B &amp; 02LB

5

*PHYS 040C or PHYS 002C and 02LC is recommended for Geophysics electives. For Geochemistry electives, take CHEM 001C & 01LC.*

GEO 160

4

GEO 161

4

GEO 136

4

GEO 137

4

GEO 140

4

GEO 144

4

GEO 145

4

GEO 147

4

GEO 151

4

GEO 152/BIOLOG 152

4

GEO 162

4

GEO 169

4

STAT 100A

5

STAT 100B

5

**CLIMATE CHANGE CONCENTRATION**

Upper-Division Coursework 32-35 units

**Course Name****Units****Grade**

GEO 160

4

GEO 161

4

Three (3) classes chosen from the following:

GEO 136

4

GEO 137

4

GEO 162

4

ENSC 102

4

Three (3) additional classes chosen from:

GEO 100

5

GEO 101

5

GEO 116

5

GEO 118

5

GEO 122

5

GEO 132

4

GEO 136

4

GEO 137

4

GEO 140

4

GEO 144

4

GEO 145

4

GEO 147

4

GEO 151

4

GEO 152/BIOLOG 152

4

GEO 162

4

GEO 169

4

STAT 100A

5

STAT 100B

5

**Earth Sciences Core Requirements**

Upper Division 13 units

GEO 111

4

GEO 115

5

GEO 157

4

Refer to your university catalog year and degree audit for specific course listings and all major requirements.

