

## BA Earth Sciences: 48-49 credits in Major

### Suggested Plan of Study

Department of Earth and Atmospheric Sciences: Phone 320-308-3260 or [dmschlumpberger@stcloudstate.edu](mailto:dmschlumpberger@stcloudstate.edu)

### Earth Sciences Major Advisors

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First Semester	Second Semester
EAS 220 (4cr) <sup>1,2</sup> MATH 115 (5cr) ENGL 191 (4cr) <sup>3</sup> RIS GE from Distribution area A or C (3cr) Total semester credits = 16	EAS 230 (4cr) PHYS 231 or 234 (4-5cr) GE from Distribution area A or C (3cr) PHIL 194 (3cr) PESS 122 (1cr) Total semester credits = 15 to 16
Third Semester	Fourth Semester
EAS 260 (4cr) <sup>2</sup> CHEM 210 (4cr) CMST 192 (3cr) <sup>4</sup> EAS Elective (3-5cr) Total semester credits = 14 to 16	<sup>5</sup> EAS Electives (6-8cr) GE (not in EAS) from Distribution area B (3cr) GE from Distribution area A or C (3cr) Democratic Citizenship 195 (3cr) Total semester credits = 15 to 17
Fifth Semester	Sixth Semester
<sup>5</sup> EAS Elective (6-8cr) <sup>6</sup> University Electives (6cr) GE from Distribution area A or C (3cr) Total semester credits = 15 to 17	EAS 451 (1cr) <sup>5</sup> EAS Elective (6-8cr) <sup>6</sup> University Electives (6cr) GE from Distribution area A or C (3cr) Total semester credits = 15 to 17
Seventh Semester	Eighth Semester
EAS 452 (2cr) <sup>6</sup> University Electives (13cr) Total semester credits = 15	<sup>6</sup> University Electives (15cr) Total semester credits = 15

### Notes:

<sup>1</sup>Students in this major do not take MATH/STAT 193 since a higher level math course is required. MATH 112 and 113 may be substituted for MATH 115.

<sup>2</sup>Placement exams are required in order to enroll in any CHEM or MATH course. For information contact the Chemistry Department at 320-308-3031 or the Math Department at 320-308-3001.

<sup>3</sup>A total of 12 general education courses are required of students in this major : four core courses (Engl 191, CMST192, PHIL 194, Democratic Citizenship 195), five courses in Distribution areas A and C (either 3 in area A and in area C or vice versa), and one additional general education course in area B. Three of the five courses from areas A and C must be Diversity courses (MGM). All SCSU students are required to complete a Racial Issues (RIS) course which will count as one of the Diversity courses.

<sup>4</sup>A total of 20 credits of EAS elective courses at the 300-400 level must be completed as part of this major. See a General Earth Science Major advisor for help in choosing these courses.

<sup>5</sup>Two EAS elective courses should total 6-8 credits per semester.

<sup>6</sup>SCSU requires a minimum of 120 semester credits to earn a Bachelors degree with 45 of these credits taken at the 300 or 400-level. As part of this major a student will complete 23 credits at 300-400 level. Students need to take 22 credits of additional 300-400 level University Electives to meet the 45 credit minimum and reach the 120 total. These University Electives may be in any area or may be used to complete a minor or second major in a related area or may consist of additional earth science classes. GE Distribution courses numbered 300 or greater may also help to fulfill this requirement.