

**DEGREE/PROGRAM CHANGE
FORM C
Form Number: C1692**

Fields marked with * are required

Name of Initiator: Brian Vineyard **Email:** vineyard@unm.edu **Phone Number:** 505 277-2140 **Date:** 10-06-2015

Associated Forms exist? Yes Initiator's Title Sr Academic Advisor: Arts Sciences Advisement
Faculty Contact Laura Crossey Administrative Contact Brian Vineyard
Department EPS Admin Email vineyard@unm.edu
Branch Admin Phone 639-2096

Proposed effective term

Semester Fall Year 2016

Course Information

Select Appropriate Program Undergraduate Degree Program
Name of New or Existing Program BS Earth and Planetary Sciences
Select Category Major Degree Type Undergraduate
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[EPS BS 2016-17 - Major.pdf](#)

Does this change affect other departmental program/branch campuses? If yes, indicate below.

Reason(s) for Request (enter text below or upload a doc/pdf file)

[EPS BS 2016-17 - Major.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[EPS BS 2016-17 - Major.pdf](#)

Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Current Requirements:

Bachelor of Science in Earth and Planetary Sciences

Required Courses

EPS 101, 105L (or ENV5 101 and 102L), 201L, **301, **302L, **303L, **304L, **307L, **319L, 401, *490 and 12 additional credit hours in Earth and Planetary Sciences above 299 (excluding 300, 491–492, 493 and 495).

(Total = 43 credit hours)

Supporting Math/Science Required Courses

CHEM 121, 123L, 122 and 124L; MATH 162 and 163, and either STAT **345 or EPS 428 or EPS 433; PHYC 160 and 161; and 7 additional credit hours from Chemistry, Math or Physics above the required levels, or BIOL 123/124L or higher, or ASTR 270 or above, or (with permission from the EPS Undergraduate Committee) from selected Anthropology, Engineering (including Computer Science) or Geography courses.

(Total = 32 credit hours)

ENGL 219 or 220 or 290 is required.

Students completing the B.S. program fulfill the requirements for a Distributed Minor in support of an Earth and Planetary Sciences major, although an alternative minor or second major may be selected.

Proposed New Requirements:

Bachelor of Science in Earth and Planetary Sciences

Required Courses

EPS 101, 105L (or ENV5 101 and 102L), 201L, **301, **302L, **303L, **304L, **307L, **319L, 401, *490 and 12 additional credit hours in Earth and Planetary Sciences above 299 (excluding 300, 491–492, 493 and 495) **or Environmental Science above 299.**
(Total = 43 credit hours)

Supporting Math/Science Required Courses

CHEM 121, 123L, 122 and 124L; MATH 162 and 163, and either STAT **345 or EPS 428 or EPS 433 **or ENV5 315**; PHYC 160 and 161; and 7 additional credit hours from Chemistry, Math or Physics above the required levels, or BIOL 123/124L or higher, or ASTR 270 or above, or (with permission from the EPS Undergraduate Committee) from selected Anthropology, Engineering (including Computer Science) or Geography courses.
(Total = 32 credit hours)

ENGL 219 or 220 or 290 is required.

~~Students completing the B.S. program fulfill the requirements for a Distributed Minor in support of an Earth and Planetary Sciences major, although an alternative minor or second major may be selected.~~

No minor study is required for students completing the B.S. program, although an optional minor or second major may be selected.

Justification:

We are allowing the inclusion of our Department's proposed new ENV5 courses, two of which are to replace existing EPS courses.

We are also proposing to follow what has already been approved for the Biochemistry and Biology Department in simply not requiring a minor due to the high amount of hours needed for our major (78 hours) as opposed to awarding an automatic Distributed Minor.

These changes will not affect other departments because our students will still be taking the same amount of supportive courses as currently required.