

Space Studies

The exploration of space is a natural extension of our human desire to understand the cosmos and our place within it.

The study of space is grounded in the natural sciences. Space exploration, however, requires expertise in additional areas, including social sciences, humanities, arts, history, business, law, and recreation. The Space Studies program is, therefore, interdisciplinary and broadly based. It accommodates all majors, and the basic science core is accessible to non-science students. The electives help students identify ways in which their majors can be applied to careers in the aerospace industry and in government. A Space Studies minor enhances teacher preparation at any level and is valuable preparation for graduate studies.

It is strongly suggested that students complete Liberal Education Goal Area 3, Natural Science, before beginning the Space Studies Minor program.

Note: Bemidji State University is a member of the Minnesota Space Grant Consortium, which is funded by the National Aeronautics and Space Administration (NASA).

Programs

- Space Studies *minor*

Career Directions

Education
Government
NASA
Space Related Industries
Also: Graduate School

Space Studies *minor*

Required Credits: 24.0

Required GPA: 2.00

I REQUIRED CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- GEOL 1110 Physical Geology (4 credits)
- GEOL 2730 Introduction to Planetary Science (4 credits)

COMPLETE THE FOLLOWING COURSE:

- GEOL 4910 Directed Independent Study (3 credits)

II REQUIRED ELECTIVES

Select 13 semester credits of electives from the following courses, with at least one course in a non-science area:

SELECT AT LEAST 1 OF THE FOLLOWING NON-SCIENCE COURSES:

- GEOG 3255 Introduction to Remote Sensing (3 credits)
- GEOG 3231 Introduction to Geographic Information Systems (3 credits)
- HST 2600 Topics in History (3 credits)
- POL 3210 Public Administration (3 credits)
- POL 3230 Environmental Politics (3 credits)
- PSY 1100 Introductory Psychology (4 credits)
- PSY 3378 Living in Isolated and Confined Environments (2 credits)

ADDITIONAL COURSES/OPTIONS:

- ENVR 2000 Introduction to Environmental Science (3 credits)
- GEOL 2110 Mineralogy and Petrology (4 credits)

- SCI 2100 Astronomy (3 credits)
- SCI 2200 Meteorology (3 credits)

Courses

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All-University Courses

The course numbers listed below, not always included in the semester class schedule, may be registered for by consent of the advisor, instructor, or department chair, or may be assigned by the department when warranted. Individual registration requires previous arrangement by the student and the completion of any required form or planning outline as well as any prerequisites.

1910, 2910, 3910, 4910 DIRECTED INDEPENDENT STUDY
1920, 2920, 3920, 4920 DIRECTED GROUP STUDY
1930, 2930, 3930, 4930 EXPERIMENTAL COURSE
1940, 2940, 3940, 4940 IN-SERVICE COURSE
1950, 2950, 3950, 4950 WORKSHOP, INSTITUTE, TOUR
1960, 2960, 3960, 4960 SPECIAL PURPOSE INSTRUCTION
1970, 2970, 3970, 4970 INTERNSHIP
1980, 2980, 3980, 4980 RESEARCH
1990, 2990, 3990, 4990 THESIS