Duluth Campus

Environmental and Outdoor Education B.A.Sc.

D Applied Human Sciences

College of Education and Human Service Professions

- Program Type: Baccalaureate
- Requirements for this program are current for Spring 2016
- Required credits to graduate with this degree: 125
- Required credits within the major: 101 to 102
- This program requires summer terms.
- Degree: Bachelor of Applied Science

The Bachelor of Applied Science (B.A.Sc.) in Environmental and Outdoor Education prepares students for professional careers in outdoor education allowing them to work in non-formal outdoor education settings such as nature centers, city, state, or national parks, college outdoor programs, or for commercial agencies. Core components include program planning and delivery, education methods, physical skills development, management, facilities coordination, evaluation, and principles of recreation. The recreation major is a four-year curriculum including one full semester of field placement in an outdoor educational setting.

This major provides professional training for nontraditional education settings that may not require a teaching license as a prerequisite credential. Refer to the environmental education emphasis under the teaching life science and/or teaching earth and space science majors for training that includes a teaching licensure.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Freshman and transfer students students are usually admitted to pre-major status before admission to this major

A GPA above 2.0 is preferred for the following:

- 2.50 already admitted to the degree-granting college
- 2.50 transferring from another University of Minnesota college
- 2.50 transferring from outside the University

For information about University of Minnesota admission requirements, visit the Office of Admissions website.

Required prerequisites

Introductory Course (1 cr)

This course will be waived for transfer students or students who change colleges from a college where it is not required.

Register course for one credit.

UST 1000 - Learning in Community (1.0 - 2.0 cr)

Lower Division Core (24 - 25 cr)

ENED 1000 - Introduction to Environmental and Outdoor Education (4.0 cr)
ENED 1203 - Outdoor Skills I (2.0 cr)
ENED 1204 - Outdoor Skills II (2.0 cr)
ENED 2000 - Technology in Outdoor Education (3.0 cr)
ENED 2300 - Teaching and Learning (3.0 cr)

Biology

BIOL 1001 - Biology and Society [LE CAT4, NAT SCI, SUSTAIN] (4.0 cr)
or BIOL 1011 - General Biology I [LE CAT, NAT SCI] (5.0 cr)

Physical Education

Take 2 or more credit(s) from the following:

- PE 1500 - Cross-Country Skiing [PE] (1.0 cr)
- PE 1502 *{Inactive}*[PE] (1.0 cr)
- PE 1507 - Introduction to River Kayaking [PE] (1.0 cr)
- PE 1508 - Flatwater Canoeing [PE] (1.0 cr)
- PE 1510 *{Inactive}*[PE] (2.0 cr)
- PE 1511 - Sea Kayaking (1.0 cr)
- PE 1512 - Fishing Skills [PE] (1.0 cr)
- PE 1530 - Rock Climbing [PE] (1.0 cr)

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•PE 1531 - Intermediate Rock Climbing (1.0 cr)
•PE 2240 *{Inactive}*(1.0 cr)
•PE 2500 *{Inactive}*(2.0 cr)

Psychology

PSY 1003 - General Psychology [LE CAT, SOC SCI] (4.0 cr)
or PSY 2021 - Developmental Psychology [LE CAT, LECD C, SOC SCI, CDIVERSITY] (3.0 cr)

General Requirements

The Board of Regents, on recommendation of the faculty, grants degrees from the University of Minnesota. Requirements for an undergraduate degree from University of Minnesota Duluth include the following:

1. Students must meet all course and credit requirements of the departments and colleges or schools in which they are enrolled including an advanced writing course. Students seeking two degrees must fulfill the requirements of both degrees. However, two degrees cannot be awarded for the same major.
2. Students must complete all requirements of the Liberal Education Program.
3. Students must complete a minimum of 120 semester credits.
4. At least 30 of the last 60 degree credits earned immediately before graduation must be awarded by UMD.
5. Students must complete at least half of their courses at the 3xxx-level and higher at UMD. Study-abroad credits earned through courses taught by UM faculty and at institutions with which UMD has international exchange programs may be used to fulfill this requirement.
6. If a minor is required, students must take at least three upper division credits in their minor field from UMD.
7. The minimum cumulative UM GPA required for graduation will be 2.00 and will include only University of Minnesota coursework. A minimum UM GPA of 2.00 is required in each UMD undergraduate major and minor. No academic unit may impose higher grade point standards to graduate.
8. Diploma, transcripts, and certification will be withheld until all financial obligations to the University have been met.

Program Requirements

1. Completion of all courses specified for the major with a minimum cumulative 2.00 GPA (including transfer work). No grades lower than C- in courses required for the major.

2. Compliance with general regulations governing granting of degrees. Students are required to review their degree status in the CEHSP Advising & Academic Services Office early in their senior year.

3. Skill Competency: Students who enroll in Physical Education Teaching Education (PETE) teaching skill courses must demonstrate advanced skills competencies for the course. Descriptions of skills required should be reviewed with the course instructor before enrollment.

Upper Division Core (61 cr)

Exit Standards: students must complete a full semester (12 credits) of field placement at a pre-approved site. A minimum of 600 contact hours must be completed. Students may complete their internship at a site located locally, nationally, or internationally. An overall GPA of 2.50 is required for enrollment
ENED 3309 - Outdoor Leadership (1.0 cr)
ENED 3310 - Outdoor Leadership Field Experience (2.0 cr)
ENED 3327 *{Inactive}*(3.0 cr)
ENED 3330 - Outdoor Recreation (3.0 cr)
ENED 3341 - Field Interpretive Techniques Fall (3.0 cr)
ENED 3342 - Field Interpretive Techniques - Winter & Spring (3.0 cr)
ENED 3400 - Program Development and Evaluation in Environmental and Outdoor Education (3.0 cr)
ENED 4163 - Outdoor Education Methods (3.0 cr)
ENED 4300 - Therapeutic Applications of Outdoor Education (3.0 cr)
ENED 4315 - Operations and Management (4.0 cr)
ENED 4320 - GIS Management for Recreation Professionals (3.0 cr)
ENED 4410 - Ropes Course Management (3.0 cr)
ENED 4555 - Foundations of Environmental Education (3.0 cr)
ENED 4565 - Young Children, Nature, and Sustainability [SUSTAIN] (3.0 cr)
ENED 4601 - Wilderness Philosophy (2.0 cr)
ENED 4996 - Outdoor Education Internship (6.0 - 12.0 cr)
AHS 3100 - Risk Management (2.0 cr)
PETE 3501 - Teaching Cross-Country Skiing (1.0 cr)
PETE 3505 - Teaching Outdoor Skills - Fall (2.0 cr)

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PETE 3507 - Teaching Outdoor Skills - Winter & Spring (2.0 cr)

Approved Electives (12 cr)

The BIOL and GEOL field courses require adviser approval.
Take 12 or more credit(s) from the following:

- ENED 4991 - Independent Study (1.0 - 4.0 cr)
- ENED 4992 - Readings in Recreation (1.0 - 4.0 cr)
- ENED 4997 - Recreation Practicum (3.0 cr)
- ENED 5165 - Theories and Models in Outdoor Education (2.0 cr)
- ENED 5343 - Advanced Field Interpretive Techniques (3.0 cr)
- ENED 5800 - Sustainability Education: Methods and Strategies (3.0 cr)
- ENED 5998 - Outdoor Education Seminar (1.0 cr)
- HLTH 2030 - Human Anatomy and Physiology I with lab (4.0 cr)
- HLTH 2040 - Human Anatomy and Physiology II with Lab (4.0 cr)
- PETE 3508 *{Inactive}*(1.0 cr)
- AST 1xxx
- AST 2xxx
- BIOL 1xxx
- BIOL 2xxx
- BIOL 3xxx
- BIOL 4xxx
- BIOL 5xxx
- ES 1xxx
- ES 2xxx
- ES 3xxx
- ES 4xxx
- ESCI 2xxx
- ESCI 3xxx
- ESCI 4xxx
- GEOG 1xxx
- GEOG 2xxx
- GEOG 3xxx
- GEOG 4xxx
- GEOL 1xxx
- GEOL 2xxx
- GEOL 3xxx
- GEOL 4xxx
- GEOL 5xxx

Advanced Writing Requirement (3 cr)

WRIT 3140 - Advanced Writing: Human Services (3.0 cr)
or WRIT 3160 - Advanced Writing: Social Sciences (3.0 cr)

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