HUMAN DIMENSIONS OF
NATURAL RESOURCES AND
THE ENVIRONMENT

Graduate Program Head  Alan Graefe
Program Code  HDNRE
Campus(es)  University Park
Degrees Conferred  Dual-Title

The following graduate programs offer dual-title degrees in HDNRE:

- Anthropology
- Architecture
- Energy and Mineral Engineering
- Forest Resources
- Geography
- Landscape Architecture
- Recreation, Park and Tourism Management
- Rural Sociology

The HDNRE dual-title intercollege degree program is administered by the HDNRE Program Committee. The committee maintains program definition, identifies appropriate faculty and courses, and recommends policies and procedures for its operation. This dual-title intercollege degree program is offered through graduate major programs in four colleges Agricultural Sciences, Earth and Mineral Sciences, Health and Human Development, and the Liberal Arts. HDNRE enables students to attain and be identified with the content, techniques, applications, methods, and policy implications of an interdisciplinary focus on Human Dimensions of Natural Resources and the Environment, while maintaining a close association with areas of application.

Through participation in HDNRE, student's programs of study will emphasize integrated, multidisciplinary approaches designed for improving their understanding about and management of natural resources. Areas of study will reflect the faculty adviser's home department and disciplinary thrust.

Admission Requirements

Requirements listed here are in addition to requirements listed in GCAC-208 Dual-Title Graduate Degree Programs (http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-208-dual-title-graduate-degree-programs).

To pursue a dual-title intercollege degree under this program, the student must first apply and be admitted through one of the existing graduate programs that offers the dual-title degree in HDNRE:

- Anthropology
- Architecture
- Energy and Mineral Engineering
- Forest Resources
- Geography
- Landscape Architecture
- Recreation, Park and Tourism Management
- Rural Sociology

Once accepted into their home degree program, the student can apply to the Admissions Committee of Human Dimensions of Natural Resources and the Environment. The Human Dimensions of Natural Resources and the Environment admissions committee reviews applications and recommends students for admission to the dual-title degree program to The Graduate School. HDNRE admission requirements include:

1. a minimum baccalaureate Jr/Sr grade point average of 3.0 out of a 4.0 scale;
2. a statement of professional goals, natural resource management philosophy, and reasons for applying to the program; and
3. three letters of reference from individuals capable of evaluating the applicant's potential for graduate work in interdisciplinary natural resource management.

Doctoral students must apply and be admitted to the HDNRE dual-title program prior to taking the qualifying examination.

Degree Requirements

Requirements listed here are in addition to requirements listed in GCAC-208 Dual-Title Graduate Degree Programs (http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-208-dual-title-graduate-degree-programs).

To qualify for the HDNRE dual-title intercollege degree, students must satisfy the requirements of the major degree program in which they are enrolled, including the communication/foreign language requirements, if any. In addition, they must satisfy the minimum requirements in the HDNRE dual-title intercollege program described here. Final course selection is determined by the student and her/his advisers and/or Ph.D. committee. All dual-title intercollege degree candidates must enroll in HDNRE 590 in each of their first two semesters.

Master's Degrees

A student in the dual-title intercollege M.S./M.A. in HDNRE must complete 17 credits of HDNRE course work beyond the bachelor's degree in addition to curricular requirements for the master's degree in the student's primary program.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDNRE 590</td>
<td>Human Dimensions in Natural Resources and the Environment Colloquium 1</td>
<td>2</td>
</tr>
<tr>
<td>HDNRE 574</td>
<td>Integrated Perspectives in Human Dimensions of Natural Resources and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>HDNRE 575</td>
<td>Ethical Issues in Human Dimensions of Natural Resources and the Environment</td>
<td>3</td>
</tr>
</tbody>
</table>
Doctoral Degrees

A candidate for the dual-title intercollege HDNRE Ph.D. must complete, in addition to curricular requirements for the doctoral degree in the student’s primary program, a minimum of 18 credits of HDNRE coursework.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDNRE 590</td>
<td>Human Dimensions in Natural Resources and the Environment Colloquium ¹</td>
<td>3</td>
</tr>
<tr>
<td>HDNRE 574</td>
<td>Integrated Perspectives in Human Dimensions of Natural Resources and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>HDNRE 575</td>
<td>Ethical Issues in Human Dimensions of Natural Resources and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>RSOC 555</td>
<td>Human Dimensions of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 559</td>
<td>Human Ecology</td>
<td>3</td>
</tr>
<tr>
<td>or FOR 565</td>
<td>GIS Based Socio-Ecological Landscape Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>An additional 3 credit course in consultation with student’s dissertation committee</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

¹ HDNRE 590 must be taken in each of the first two semesters of enrollment in the dual-title intercollege degree program, and once more prior to graduation.

Student Aid

Graduate assistantships available to students in this program and other forms of student aid are described in the Tuition & Funding section of The Graduate School’s website. Students on graduate assistantships must adhere to the course load limits (http://gradschool.psu.edu/graduate-education-policies/gsad-gsad-900-gsad-901-graduate-assistants) set by The Graduate School.

Courses

Graduate courses carry numbers from 500 to 699 and 800 to 899. Advanced undergraduate courses numbered between 400 and 499 may be used to meet some graduate degree requirements when taken by graduate students. Courses below the 400 level may not. A graduate student may register for or audit these courses in order to make up deficiencies or to fill in gaps in previous education but not to meet requirements for an advanced degree.

Human Dimensions of Natural Resources and the Environment (HDNRE) Course List (https://bulletins.psu.edu/university-course-descriptions/graduate/hdnre)

Contact

Campus: University Park
Graduate Program Head: Alan R Graefe
Program Contact: Alan R Graefe
801F Ford Building
University Park PA 16802
gyu@psu.edu
(814) 863-8986