HUMAN DIMENSIONS OF
NATURAL RESOURCES AND
THE ENVIRONMENT

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-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 Envirionment 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>
<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>3</td>
</tr>
<tr>
<td>An additional 3 credit course in consultation with student’s advisers and/or committee</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>17</strong></td>
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</tbody>
</table>

¹ HDNRE 590 must be taken in each of the first two semesters of
enrollment in the dual-title intercollege degree program.

In addition, 6 credits of Thesis Research (600 or 610 in the student’s
home graduate degree program) are required if the candidate is writing a
thesis. Particular courses may satisfy both the graduate major program
requirements and those of the HDNRE dual-title intercollege program. All
courses must be approved by the student’s M.S./M.A. advisers and/or
committee.

The thesis supervisor and chair of the student’s committee shall be a
member of the student’s major program, and a member of the dual-title
program. All members of the committee must hold Graduate Faculty
status or secure the same before serving on the committee.

The culminating experience (e.g., thesis or scholarly paper) must
incorporate an HDNRE interest together with the primary field of study.

All students are also required to successfully complete an oral defense of
the M.S./M.A. thesis as part of the master’s requirements if required by
the participating program.

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.

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<td>or FOR 565</td>
<td>GIS Based Socio-Ecological Landscape Analysis</td>
<td>3</td>
</tr>
<tr>
<td>An additional 3 credit course in consultation with student’s dissertation committee</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>18</strong></td>
</tr>
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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, for a total of 3 credits.

Particular courses may satisfy both the graduate major program
requirements and those of the HDNRE program. If an HDNRE M.S./
M.A. student continues into the HDNRE Ph.D. program, 15 credits of
interdisciplinary course work must be selected, with the approval of the
student’s Ph.D. committee. As well, a continuing doctoral student must
take 3 additional credits of HDNRE 590 (each student must enroll the
first two semesters of the doctoral program and then once more prior to
graduation).

There will be a single qualifying examination, containing elements
of both the student’s graduate major program and HDNRE. Dual-title
graduate degree students may require an additional semester to fulfill
requirements for both areas of study and, therefore, the qualifying
examination may be delayed one semester beyond the normal period
allowable.

The qualifying examination committee and the Ph.D. committee must
include at least one Graduate Faculty member from HDNRE. Faculty
members who hold appointments in both programs’ Graduate Faculty
may serve in a combined role. The HDNRE representative on the
qualifying examination committee will participate in constructing and
evaluating the qualifying examination, and the HDNRE representative
on the Ph.D. committee will participate in constructing and evaluating
the comprehensive examination. If the chair of the Ph.D. committee is
not also a member of the Graduate Faculty in HDNRE, the member of the
committee representing HDNRE must be appointed as co-chair.

All Ph.D. students will be required to complete, present, and defend a
dissertation that incorporates a topic related to both their graduate major
program and HDNRE. Candidates for the dual-title Ph.D. degree in HDNRE
will be required to pass a final oral examination (the dissertation defense)
covering their graduate major program field and HDNRE, with emphasis
on the student's area of specialization. To earn the Ph.D. degree, doctoral students must also write a dissertation that is accepted by the Ph.D. committee, the head of the graduate program, and the Graduate School.