Students must complete all General Education requirements and all Major requirements. Any acceptable General Education course which is also required in the major may apply to (double-count in) both required areas. Courses common to the areas of World Cultures, Arts and Humanities, and Social and Historical Studies may also double count. However, credit for such courses counts only once toward the total required credits for a degree.

**General Education (20 – 39 credits)**

(General Education Bulletin at: www.indiana.edu/~bulletin/iub)

**English Composition (0 to 3 credits, C- minimum required)**

Complete one of the following options:

- 3 CMLT-C 110 Writing the World
- 3 ENG-W 131 Elementary Composition
- 3 ENG-W 170 Projects in Reading and Writing
- 0 ENG-W 131EX Elementary Composition Exemption

**Mathematical Modeling (3 to 4 credits)**

Complete one of the following options:

- 3 MATH-A 118 Finite Mathematics for the Soc and Behavior Sci
- 4 MATH-D 116 AND MATH-D 117 Intro to Finite Mathematics I-II
- 3 MATH-J 113 Introduction to Calculus with Applications
- 3 MATH-M 118 Finite Mathematics
- 3 MATH-M 119 Brief Survey of Calculus I
- 4 MATH-M 211 Calculus I
- 4 MATH-M 213 Accelerated Calculus
- 3 MATH-S 118 Honors Finite Mathematics
- 3 MATH-V 118 Finite and Consumer Mathematics:
- 3 MATH-V 118 Finite Math for Social and Biological Sciences

**Natural and Mathematical Sciences (5 credits)**

Complete 5 credits from the list of approved N&M courses in the IUB General Education Bulletin. At least one course must be a natural science (as indicated by an asterisk in the GENED bulletin).

**Arts and Humanities (6 credits)**

Complete 6 credits from the list of approved A&H courses in the IUB General Education Bulletin.

**Social and Historical Studies (6 credits)**

Complete 6 credits from the list of approved S&H courses in the IUB General Education Bulletin.

**World Languages and Cultures (0 to 14 credits)**

Choose one of the following three options:

Complete 6 credits of world culture courses from the list of approved WC courses in the IUB General Education Bulletin.

OR

Achieve competency in a single foreign language equal to successful completion of the four semester sequence in a world language.

OR

Complete a 6-credit International experience in an approved study abroad. A list of approved course choices may be found in the IUB General Education Bulletin.

**Major (87 - 90 credits)**

**Professional Recreation (45 credits, minimum cumulative GPA of 2.0 required in these 45 credits)**

- 3 HPER-R 160 Foundations of Recreation & Leisure S&H
- 3 HPER-R 266 Recreation Facilities Management
- 3 HPER-R 270 Inclusive Recreation Services
- 3 HPER-R 272 Recreation Activity Leadership Methods
- 1 HPER-R 301 Preparation for Internship
- 14 HPER-R 363 Professional Internship
- 3 HPER-R 367 Event Planning & Program Develop
- 3 Statistics Elective: HPER-R 390 PSY/MATH/SPEA-K 300, ECON-E 370, SOC-S 371
- 3 HPER-R 422 Marketing for Leisure Services
- 3 HPER-R 441 Legal Aspects of Recreation
- 3 HPER-R 451 Fiscal Mgmt for Leisure Service Orgs
- 3 HPER-R 490 Research & Evaluation
- 320 Hrs Field Experience–Date Completed

**Outdoor Rec &Resource Management Specialization (30 credits)**

- 3 HPER-R 271 Dynamics of Outdoor Recreation (C min)
- 2 HPER-R 279 Adventure Education
- 3 HPER-R 280 Natural History and Field Ecology
- 3 HPER-R 323 Ecosystem Management
- 3 HPER-R 338 Integrated Resource Management (C min)
- 3 HPER-R 372 Interpretation and Tour Guiding
- 3 HPER-R 385 Wilderness and Protected Lands
- 1 HPER-R 402 Senior Seminar
- 3 HPER-R 423 Visitor Behavior
- 3 HPER-R 429 Ecotourism: Administration and Management
- 3 HPER-R 471 Human Resource Mgmt in Leisure Services

**Professional Electives**: 12 -15 credits, select from following

- 3 HPER-R 231 Careers in Leisure Services
- 3 HPER-R 283 Recreation-Based GIS
- 3 HPER-R 322 Scientific Diver Certification
- 3 HPER-R 325 Investigating & Evaluating Environmental Issues
- 3 HPER-R 340 Leisure in Modern Society
- 1 HPER-R 342 Introduction to Therapeutic Outdoor Programs
- 3 HPER-R 345 Outdoor Experiential Educ:InstructTech & Methods
- 3 HPER-R 350 Sustainable Tourism
- 2 HPER-R 355 Outdoor Recreation Consortium
- 3 HPER-R 356 Field Techniques in Environmental Education
- 3 HPER-R 357 Applied Ecology: Water Communities
- 3 HPER-R 370 Wilderness First Responder
- 3 HPER-R 380 Outdoor Experiential Educ: Instructional Tech
- 3 HPER-R 412 Principles of TOP
- 3 HPER-R 413 Outdoor Adventure Prog: Foundations & Theories
- 3 HPER-R 418 Strategies & Methods of Interpretation
- 3 HPER-R 421 Investigation of Underwater Resources
- 3 HPER-R 424 Shipwreck Parks as Underwater Museums
- 3 HPER-R 468 Strategic Plan for Rec, Park & Tourism Orgs
- 3 Elective with permission of advisor
### Course Sequence Map

**Summer 2010**

#### Outdoor Recreation and Resource Management

<table>
<thead>
<tr>
<th>First Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPER-R 160 Found of Rec &amp; Leisure (3)</td>
<td>HPER-R 266 Recreation Facilities Mgmt (3)</td>
<td></td>
</tr>
<tr>
<td>HPER-R 280 Natural History (3)</td>
<td>HPER-R 270 Inclusive Rec Services (3)</td>
<td></td>
</tr>
<tr>
<td>ENG-W 131, Elementary Comp. (3), or ENG-W 170 (3)</td>
<td>Arts &amp; Humanities GE course (3)</td>
<td></td>
</tr>
<tr>
<td>Social &amp; Historical Studies GE course (3)</td>
<td>World Languages &amp; Cultures GE course (3)</td>
<td></td>
</tr>
<tr>
<td>Mathematical Modeling GE course (3-4)</td>
<td>Elective (1-3 - if needed for credit hour req.)</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** A student needs to average 16 hours per semester to graduate in 8 semesters (124 credit hours)

**TOTAL:** 27-31 crs

<table>
<thead>
<tr>
<th>Second Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPER-R 272 Rec Act Leadership Methods (3)</td>
<td>HPER-R 372 Interpretation &amp; Tour Guiding (3)</td>
<td></td>
</tr>
<tr>
<td>HPER-R 271 Dynamics of Outdoor Recreation (3)</td>
<td>HPER-R 429 Ecotourism: Admin &amp; Mgmt (3)</td>
<td></td>
</tr>
<tr>
<td>HPER-R 279 Adventure Education (3)</td>
<td>Professional Elective (3)</td>
<td></td>
</tr>
<tr>
<td>Natural &amp; Mathematical Sciences GE course (5-6)</td>
<td>World Languages &amp; Cultures GE course (3)</td>
<td></td>
</tr>
<tr>
<td>Social &amp; Historical Studies GE course (3)</td>
<td>Arts &amp; Humanities GE course (3)</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL:** 32-33 crs

<table>
<thead>
<tr>
<th>Third Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPER-R 338 Integrated Resource Management (3)</td>
<td>HPER-R 301 Internship Prep (1)</td>
<td></td>
</tr>
<tr>
<td>HPER 390 or stats. equivalent (3)</td>
<td>HPER-R 323 Ecosystem Mgmt (3)</td>
<td></td>
</tr>
<tr>
<td>HPER-R 423 Visitor Behavior (3)</td>
<td>HPER-R 367 Event Planning &amp; Prgrm Dvlpmnt (3)</td>
<td></td>
</tr>
<tr>
<td>HPER-R 441 Legal Aspects of Rec. Parks, Tourism &amp; Sport Mgmt (3)</td>
<td>HPER-R 385 Wilderness &amp; Protected Lands (3)</td>
<td></td>
</tr>
<tr>
<td>Professional Elective (3)</td>
<td>HPER-R 422 Marketing for Leisure Services (3)</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL:** 31 crs

<table>
<thead>
<tr>
<th>Fourth Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPER-R 402 Senior Seminar (1)</td>
<td>HPER-R 363 Internship (14)</td>
<td></td>
</tr>
<tr>
<td>HPER-R 451 Fiscal Mgmt for Leisure Service Orgs (3)</td>
<td>NOTE: The internship (R363) can be taken any time after the first semester of the junior year. The academic map and benchmarks will need to be adjusted to fit the semester the internship is taken. It is generally recommended the internship be taken prior to the last academic year or semester. It is common for it to be taken during the summer.</td>
<td></td>
</tr>
<tr>
<td>HPER-R 471 Human Resrc Mgmt in Leisure Srvcs (3)</td>
<td>TOTAL: 28-31 crs.</td>
<td></td>
</tr>
<tr>
<td>HPER-R 490 Research &amp; Evaluation (3)</td>
<td>OVERALL TOTAL: 124 crs.</td>
<td></td>
</tr>
<tr>
<td>Professional Elective (3)</td>
<td>Elective (1-3 - if needed for credit hour req.)</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** 320 hours field experience also required.
Outdoor Recreation and Resource Management

In the specialization of outdoor recreation and resource management, students focus on outdoor recreation resources, and their use, including in such domains as environmental education, interpretive techniques, outdoor adventure education, nature study, recreation resource management, and organized camping. The emphases of this curriculum are basic concepts of outdoor resources, the relationships and interactions of people and outdoor resources and how to manage them, and skills and knowledge to pursue specific careers in this field. A number of skill certificates are also available to students through various academic courses. For example, only at Indiana University may students learn via such living laboratories as C.O.R.E. (Conservation & Outdoor Recreation/Education), Therapeutic Outdoor Programs (TOP), Great Lakes Park Training Institute, and Bradford Woods Outdoor Center.

Career possibilities include:
- National and state parks and forests, which provide opportunities within park naturalist, outdoor education coordinator, outdoor resource manager positions
- Commercial settings, which offer positions as outdoor instructor, group facilitator, camp program planner, and outdoor program developer
- Military recreation, which supports 250,000 full-time employees with 10,000,000 users at 900 locations within the United States and 350 overseas locations. Positions as outdoor programmers are available on all types of military bases - Air Force, Army, Navy and Marine.
- Municipal parks and recreation departments, which offer numerous positions in outdoor education, outdoor resource management, outdoor instruction, and camping
- Non-profit outdoor organizations, which offer careers as an outdoor group facilitator, camp program planner and director, adventure leader, and outdoor education coordinator