



**SCHOOL OF HEALTH, PHYSICAL  
EDUCATION, AND RECREATION**

**INDIANA UNIVERSITY**

**Certificate in Underwater  
Resource Management (24 cr)**

2.0 cumulative GPA required in all courses used for the Certificate  
Effective for students matriculating fall 2002 (revised 2003)  
Recreation, Park, and Tourism Studies – HPER 133 – (812) 855-4711

**18 of the required 24 credits must consist of courses within the School of HPER  
2.0 cumulative GPA required**

**Underwater Resource Management Core Courses (12 - 15 cr.)**

**Required courses (6 cr.):**

- \_\_\_ HPER-R 322 Scientific Diver Certification (3 Cr)
- \_\_\_ HPER-R 499 Research in Recreation (3 Cr)

**Choose at least two of the following three courses (6 - 9 cr.):**

- \_\_\_ HPER-R 317 Underwater Science Documentation (3 Cr)
- \_\_\_ HPER-R 421 Underwater Science Techniques (3 Cr)
- \_\_\_ HPER-R 424 Shipwreck Parks as Underwater Museums (3 Cr)

**Choose the remaining 9 - 12 credits from courses listed below:**

**RPA Courses Related to Resource Management**

- \_\_\_ HPER-R 271 Dynamics of Outdoor Recreation (3 Cr)
- \_\_\_ HPER-R 280 Natural History (3 Cr)
- \_\_\_ HPER-R 317 Political Studies in Outdoor Recreation (3 Cr)
- \_\_\_ HPER-R 317 Applied Ecology: Water Communities (3 Cr)
- \_\_\_ HPER-R 338 Recreation Resource Management (3 Cr)
- \_\_\_ HPER-R 372 Fundamentals of Interpretation (3 Cr)
- \_\_\_ HPER-R 418 Strategies and Methods of Interpretation (3 Cr)
- \_\_\_ HPER-R 423 Visitor Behavior (3 Cr)
- \_\_\_ HPER-R 425 Ecosystem Management (3 Cr)

**Academic Diving Program: HPER Sport Diving**

- \_\_\_ HPER-E 270 Introduction to Scuba (1 Cr)
- \_\_\_ HPER-E 370 Scuba Certification (2 Cr)
- \_\_\_ HPER-E 374 Boating Safety (2 Cr)

**SPEA Courses Related to Environmental Management of  
Water Resources**

- \_\_\_ SPEA-E 162 Environment and People (3 Cr)
- \_\_\_ SPEA-E 400 / E555 Coral Reef Ecology (3 Cr)
- \_\_\_ SPEA V450 Environment and Regulations (3 Cr)
- \_\_\_ SPEA-E 455 Limnology (4 Cr)
- \_\_\_ SPEA-E 456 Lake and Watershed Management (3 Cr)
- \_\_\_ SPEA-E 457 / E557 Intro to Conservation Biology (3 Cr)
- \_\_\_ SPEA-E 555 Topics in Environmental Science (3 Cr)

**COAS Anthropology Courses Related to Underwater  
Archaeology**

- \_\_\_ COAS-E 104 Voyages Scientific Discovery (3 Cr)
- \_\_\_ ANTH-A 399 Honors Tutorial (3 Cr)
- \_\_\_ ANTH-A 408 Anthropology: Museum Practicum (3 Cr)
- \_\_\_ ANTH-A 495 Individual Readings in Anthropology (1-4 Cr)
- \_\_\_ ANTH-P 399 Undergraduate Seminar (3 Cr)
- \_\_\_ ANTH-P 409 Archaeological Ethics (3 Cr)