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MINOR IN RESOURCE & ENVIRONMENTAL MANAGEMENT

Solving contemporary environmental problems requires an academic background that integrates both natural and social sciences. The Minor in Resource and Environmental Management (REM) will provide SFU undergraduate students with the basic skills and understanding they need to integrate natural and social sciences concepts into resource management applications. The 24 units comprising the REM Minor balance social and natural sciences courses; integrate social and natural sciences within most courses; focus on applied topics and contemporary resource management issues; and are taught by experienced REM faculty who are internationally recognized for excellence in resource management practice, research, training, and advising.

Admission Requirements
All students must obtain approval from the REM Academic Advisor in order to be enrolled in the REM Minor.

Program Requirements
Students must complete 6 lower division units and a total of 18 upper division units consisting of at least 15 units from REM upper division electives, and an optional 3 units from upper division electives.

LOWER DIVISION REQUIREMENTS (6 UNITS)
One of:
- REM 100* (3) Global Change
- EVSC 100* (3) Introduction to Environmental Science
- GEOG 100* (3) Society, Space, Environment: Introducing Human Geography
- GEOG 111* (3) Earth Systems

REM UPPER DIVISION ELECTIVES (Minimum of 15 UNITS)
Upper division REM courses form the core of the REM Minor, offering opportunities to develop and apply interdisciplinary thinking skills to specific topics in environmental management.

- REM/SCD 301 (4) Sustainable Community Development Theory and Practice
- REM 311 (3) Applied Ecology and Sustainable Environments
- REM/ENV 321 (3) Ecological Economics
- REM 350 (4) Sustainable Energy and Materials Management
- REM 356 (3) Institutional Arrangements for Sustainable Environmental Management
- REM 363 (3) Special Topics in Natural Resource Management
- REM 370 (3) Global Resource Issues in Oceanography
- REM 375 (3) Ecology and Conservation of Coastal BC
- REM/SCD 401 (4) Social Enterprise for Sustainable Community Development
- REM/SCD 403 (4) Leadership in Sustainable Community Development
- REM 412 (3) Environmental Modeling
- REM 445 (3) Environmental Risk Assessment
- REM 471 (3) Forest Ecosystem Management

Students must complete an additional 3 units from either the above list of REM upper division courses, or from the upper division electives listed below.

UPPER DIVISION ELECTIVES
Elective courses allow students to specialize in either social or natural science aspects of resource management. (Maximum 3 units from this list)

- ARCH 365 (3) Archaeological Perspectives on Human Ecology
- ARCH 386 (3) Archeological Resource Management
- BISC 309 (3) Conservation Biology
- BISC 413 (3) Fisheries Ecology
- BISC 419 (3) Wildlife Biology
- EASC 405 (3) Water Cycles and Resources: Environmental and Climate Change Impacts
- ENSC/ENV 412 (3) Technologies, Cultures and a Sustainable World
- ENV 319 (3) Environmental Law
- ENV 320 (3) Ethics and the Environment
- FNST 403 (3) Indigenous Knowledge in the Modern World
- GEOG 315 (4) World Ecosystems
- GEOG 316 (4) Global Biogeochemical and Water Cycles
- GEOG 322 (4) World Resources
- GEOG 389 (4) Nature and Society
- GEOG 415 (4) Conservation Biogeography
- GEOG 428 (4) World Forests
- HSCI 304 (3) Perspectives on Environmental Health
- PHIL 328 (3) Environmental Ethics
- PHYS 346 (3) Energy and the Environment
- SA 371 (4) The Environment and Society

* also available at SFU Surrey campus.