25. Special Consideration

**College of Agriculture and Life Sciences**
Department of Ecosystem Science and Management
Minor in Spatial Sciences
Request for a new minor
SPECIAL CONSIDERATION
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COLLEGE OF AGRICULTURE AND LIFE SCIENCES
DEPARTMENT OF ECOSYSTEM SCIENCE AND MANAGEMENT
MINOR IN SPATIAL SCIENCES
REQUEST FOR A NEW MINOR
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Spatial Sciences

Department: Ecosystem Science and Management

College: COALS

Will grant a minor XX☑ Yes ☐ No Academic Year: 2014-15

A selection from among the following courses will constitute a minor field of study.

A. The following ___3___ hours of course work are required.

   ESSM 351    RENR 405    GEOG 390

B. Select ___6___ hours from the following courses.

   ESSM 444    ESSM 462

C. Select ___6___ hours from the following courses.

   ESSM 459    ESSM 460

   ESSM 464    GEOL/GEOG 352

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of ___15___ hours required.

Minimum of 6 hours at 300- to 400-level

Minimum of a 2.0 GPA. No grade lower than a D.

Reviewed and approved by:

Department Head/Program Director 10-22-2013

AOC Dean of College 11/4/13
Proposed ESSM Minor in Spatial Sciences (15 hours total)

Choose one course from:
  • ESSM 351 Geographic Information Systems for Resource Management (2-2) Credits 3
  • RENR 405 GIS for Environmental Problem Solving (on-line) Credits 3
  • GEOG 390 Principles of Geographic Information Systems (2-2) Credits 3

Both required:
  • ESSM 462 Advanced GIS Analysis for Natural Resource Management (2-2) Credits 3
  • ESSM 444 Remote Sensing of the Environment (2-3) Credits 3

Choose 6 hours from:
  • ESSM 459 Spatial Databases and Programming (2-3) Credits 3
  • ESSM 460 Spatial Data Acquisition with Field Methods (1-2) Credits 2
  • ESSM 464 Spatial Project Management (2-2) Credits 3
  • GEOG/GEOL 352 GPS in the Geosciences (1-3) Credits 2
October 8, 2013

MEMORANDUM

TO: Dr. David D. Baltensperger, Interim Department Head
    Ecosystem Science and Management

FROM: Dr. Vatche Tchakerian, Professor and Head
    Geography

SUBJECT: Minor in Spatial Sciences

The Department of Geography supports the creation of a Spatial Sciences Minor in the Department of
Ecosystem Science and Management as well as the inclusion of GEOG 390 and GEOG352/GEOI. 352 among
the list of courses under the minor. We can accommodate the students that might take those courses.