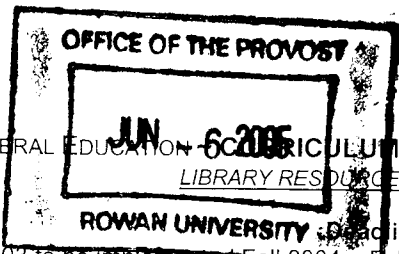


PROCESS A NON-GENERAL EDUCATION CURRICULUM PROPOSAL
LIBRARY RESOURCE FORM REQUIRED



SCC #03-04- 1A0

October 3, 2003 to be implemented Fall 2004 - February 13, 2004 to be implemented Spring 2005

PROPOSAL TITLE: Change name and prerequisites for Advanced Geographical Information Systems

Sponsor(s): Dr. Richard Scott
Dr. John Hasse

E-Mail scott@rowan.edu Ext: 3980
E-Mail: hasse@rowan.edu Ext. 3977

DEPARTMENT: Geography and Anthropology

COLLEGE: Liberal Arts and Sciences

If Liberal Arts & Sciences CHECK : History/Humanities Math/Sciences Social/Behavioral Sciences
 UNDERGRADUATE GRADUATE

THE ATTACHED **NON-GEN-ED** PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED

New non-gen-ed course
 Short-term non-gen-ed course

Minor curricular changes (fewer than three) to:
 Existing non-gen-ed course
 Non-gen-ed degree requirements
 Major
 Minor, specialization, concentration, track, certificate program

THE FOLLOWING SIGNATURES REPRESENT APPROVAL

Department Chair: [Signature] Date: 20 Oct 2003
Department Curriculum Chair: [Signature] Date: 10-20-03
Academic Dean: [Signature] Date: 12-11-03

COLLEGE CURRICULUM COMMITTEE

OPEN HEARING Date: 3-25-2004 Approved Not Approved

COLLEGE CURRICULUM CHAIR: _____
Senate Curriculum Chair Signature: _____ Date: Senate Announcement _____

Comments: Changes made to proposal 6-1-2005 - PAR 6-2-2005

EXECUTIVE VICE PRESIDENT/PROVOST Signature: [Signature] Date: 7/5/05

Approved Not Approved

REGISTRAR

Date: 7/11/05 Course Description Received & Approved ~ Hegis Taxonomy & Course #: _____

Registrar Signature: [Signature]

NOTIFICATION FORWARD

SCC Chair Academic Dean Department Chair Registrar IR CAP

VP Student Affairs Others

[Signature] 7-25-05

Minor Curricular Change

Details: Change in name of course and minor content modification.

- a. **Change requested.** Change name of 2206.415 from Advanced Geographical Information Systems to Geographic Information Systems II. Change from no prerequisite required to Introduction to the Mapping and Geographic Information Science 2206.193 as prerequisite, co-requisite or permission of the instructor.
- b. **Sponsors:** Dr. Richard Scott and Dr. John Hasse, Department of Geography and Anthropology.

Rationale:

- a. **Statement of need for change.** Name Change. Under a separate proposal we have asked for a name change for the course, Introduction to the Mapping Sciences [2206-193]. The new proposed name is Introduction to Mapping and Geographical Information Science. We seek to change the name of this course because as our field continues to grow we may need to add a third level to the core of GIS offerings. Changing the name of this course to Geographical Information Systems II and the name of the introductory course to Geographical Information Systems I, removes this problem. Under the cover of a separate proposal, we are, of course, proposing to change the name of the introductory course to Geographical Information Systems I.

Prerequisite, Co-requisite or Permission Change. Currently, our advanced GIS course has no prerequisite. Because the mapping sciences course provides students with a broad-based introduction to the field, we believe that students require the level of expertise gained in this course [or its equivalent] in order to perform effectively in this class. Requiring a pre or co-requisite of the mapping sciences course will enable us to devote more time to analysis and database issues in the advanced GIS class [2206-415]. At the same time, there are students who come to the class with considerable background in the field and who have acquired a working knowledge of the software we use on their own or by taking course from the software developer, Environmental Systems Research Institute. These individuals should be allowed into the course with the permission of the instructor.
- b. **Statement of curricular effect.** The proposed title change will result in a more accurate description of course content and will open up the possibility of more flexible course naming in the future. The pre or co-requisite requirement will enable the course better to achieve its goal of providing students with a solid introduction to spatial analysis.

Results of Consultation.

No consultations requested.