

08-700

LSC Use Only No: ESC Action Date: UWUCC USE Only No. UWUCC Action Date: Senate Action Date:

A9-43

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Steve Hoxby

Email Address

prepare separate cover sheet for each proposal add for each program

this course is a sub proposal as an Honors College



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Part II. Description of Curricular Change

1. SYLLABUS OF RECORD

I. Catalog Description

GEOS 407 Carbonate Geology Seminar

1c-0l-1cr

Prerequisite: Grade of C or better in GEOS 201 and GEOS 202; instructor permission required

A seminar introduction to the geological environment and history of the carbonate rocks and sediments found in Florida. Includes instruction in the techniques of field analysis and geologic interpretation.

Designed to prepare students specifically for GEOS 408.

II. Course Objectives

At the end of this course students will be able to:

1) Synthesize the regional geology of the carbonate system comprising the rocks and sediments of Florida and the Bahamas.

2) Articulate an understanding of scientific controversies concerning the geologic history of this region.

3) Describe and interpret sedimentary features and rocks observed in the Florida/Bahama region.

4) Employ basic skills and tools used during field studies and investigations including but not limited to

VIII. Special resource requirements

There are no special resource requirements for this course.

IX. Bibliography

The following publications were published or prepared to develop the course curriculum:

Boardman, M, and Carney, C. (1991), Origin and Accumulation of Lime Mud in Ooid Tidal Channels,

This course does not require changing the existing content of any other courses or requirements for any program.

A3. Has this course been offered at IUP on a trial basis?

This course has never been offered in the Geoscience Department.

A4. Is this course to be a dual-level course?

This course is not a dual-level course.

A5. If this course may be taken for variable credit, what criteria will be used to relate the credits to the learning experience of each student?

This course cannot be taken for variable credit.

A6. Do other higher education institutions currently offer this course? If so, please list examples.

Virtually all higher education institutions with programs in geology or earth sciences offer courses in the geology of particular regions of interest. These courses come in a number of forms from strictly field-based courses, to classroom lecture/seminar courses, to combinations of both.

A7. Is the content, or are the skills, of the proposed course recommended or required by a professional society, accrediting authority, law or other external agency?

No professional society, accrediting authority, law or other external agency recommends or requires any specific content or skills for this course.

- c. There are no laboratory supplies or other consumable goods required for this course beyond those already possessed by the Geoscience Department.
- d. Library materials are currently adequate for this course.
- e. There will be no additional travel expenses.

C3. Are any of the resources for this course funded by a grant?

No resources for this course are currently funded by a grant.

C4. How frequently do you expect this course to be offered?

The department expects that this course will be offered every other year.

We anticipate offering a single section of this course in a given semester.

C6. How many students do you plan to accommodate in a section of this course?

We plan to accommodate no more than 24 students in this course. This is the maximum number of students that can be accommodated in the Geoscience Department's teaching laboratory rooms.

C7. Does any professional society recommend enrollment limits or parameters for a course of this nature?