

Request for Courses in the Core Curriculum

Originating Department or College: Department of Biology and Chemistry, College of Arts and Sciences

Person Making Request: Marvin E. Bennett

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Course Number and Title: GEOL 1303 Physical Geology Lecture

Please attach in separate documents:

Completed Catalog Add/Change Form

Syllabus

List the student learning outcomes for the course (Statements of what students will know and/or be able to do as a result of taking this course. See appended hints for constructing these statements.)

Student Learning Objectives: Upon successful completion of this course, students will be able to:

1. Use critical thinking and the scientific method to examine questions relating to geology.
2. Collaborate effectively on a research project.
3. Communicate scientific information both verbally and through written reports.
4. Review and demonstrate a knowledge of fundamental earth science principles
5. Define and discuss geological processes that alter the earth's surface.
6. Develop the ability to classify earth materials.

Core-Curriculum Learning Outcomes:

1. Critical Thinking: includes creative thinking, innovation, inquiry and analysis, evaluation, and synthesis of information. (SLOs: 1, 5, 6)
2. Communication Skills: Students will demonstrate their ability to communicate effectively by using written communication. (SLOs: 3, 5)
3. Empirical and Quantitative Skills: includes the manipulation and analysis of numerical data or observable facts resulting in informed conclusions. (SLOs: 1,2)
4. Teamwork: includes the ability to work effectively with others to support a shared goal. (SLOs: 2)

Component Area for which the course is being proposed (check one):

Communication

American History

Mathematics

Government/Political Science

Language, Philosophy, & Culture

Social & Behavioral Science

Creative Arts

Component Area Option

Life & Physical Sciences

Competency areas addressed by the course (refer to the appended chart for competencies that are required and optional in each component area):

Critical Thinking

Teamwork

Communication Skills

Personal Responsibility

Written Communication

Social Responsibility

Oral Communication

Visual Communication

Empirical & Quantitative Skills

