



**Department of Civil and Environmental Engineering
FAMU-FSU College of Engineering**

List of Approved Science Elective Courses

Starting Fall 2008, CEE students who declare their major as Civil Engineering or Environmental Engineering must satisfy the requirement for an additional science elective. Students who declared the major prior to Fall 2008 are encouraged to take a science elective in lieu of a second technical/design elective. The purpose of this requirement is to provide students the opportunity to develop increased breadth in the basic sciences, while complementing existing curricular requirements.

Below is a list of approved science courses from which students may select.¹ Please consult the university bulletin or catalog for prerequisite or corequisite requirements.²

Area 1: Biology

FAMU: BSC 1010C General Biology I (4)
FSU: BSC 2010 Biological Science (3)

Area 2: Meteorology/Climatology

FAMU: EVR 3235 Atmospheric Processes (3)
FSU: MET 2700 General Meteorology (3)

Area 3: Geology

FAMU: GLY 2010 Principles of Geology (3)
FSU: GLY 2010C Physical Geology (4)
GLY 1030 Environmental Issues in Geology (3)

Area 4: Ecology

FAMU: PCB 2033 General Ecology (3)
FSU: PCB 3043 General Ecology (3)

Area 5: Oceanography

FSU: OCE 1001 Elementary Oceanography (3)
FAMU: EVR 3023 Introduction to Marine Environment (3)

¹ In exceptional circumstances, students may propose an alternate course that better meets the student's academic goals but still fulfills the intent of the science elective requirement. This "Request for Consideration" must be submitted in writing to the department and endorsed by the advisor prior to being accepted as meeting the science elective requirement. The proposal should include evidence showing that the course 1) is breadth into another science area, not depth in chemistry or physics; 2) supports the civil/environmental engineering program; and 3) is sufficiently rigorous. Attach a syllabus plus supplemental materials (assignments, name of textbook, etc.) as appropriate to support the proposal. The same procedure will be used for evaluating transfer courses from other institutions.

² Both FAMU and FSU have agreed to waive the BSC 1011/2011 pre-requisite for CEE students wishing to take PCB 2033/3043 General Ecology.