

Civil and Environmental Engineering
Elective Focus Area Plan (Revised 4/30/08)

Student Name: _____ Date: _____

I.D. No.: _____ Current Curriculum Year: _____

Expected Graduation Date: _____

General Civil Engineering Subtrack: Environmental Engineering Subtrack:

Career Objective(s) Statement:

Elective Focus Area (Check One):

- | | | |
|---|--|--|
| <input type="checkbox"/> Civil Engineering Practice | <input type="checkbox"/> Environmental Remediation & Control | <input type="checkbox"/> Entrepreneurial Career Path |
| <input type="checkbox"/> Environmental Health Engineering | <input type="checkbox"/> Engineers for a Sustainable World | <input type="checkbox"/> Management |
| | <input type="checkbox"/> Structures, Mechanics, & Materials | <input type="checkbox"/> Urban and Regional Planning |
| | <input type="checkbox"/> Transportation Engineering | <input type="checkbox"/> Other (Please Provide a Title): |
| | <input type="checkbox"/> Water Resources Engineering | _____ |

Proposed Courses for EFA:

	Course Number	Course Name	Seminar Fall/ Spring	GEC S.H.	Other S.H.	Total EFA S.H.
1						
2						
3						
4						
5						
6						
7						
8*						
		Total S.H.:				

Twenty-one (21) semester hours (S.H.) are required to fulfill the EFA. *For Management EFA ONLY.

Required Signatures:

 Advisor's Signature Date

 CEE Curriculum Committee Member Date

 Departmental Executive Officer Date

Civil and Environmental Engineering

Departmental Policy on Engineering Focus Areas (EFAs)

Revised 4/30/08

The primary goal of the Engineering Focus Area (EFA) course selection is for the student to achieve *exposure and depth of study* in an area that is complementary to their degree in Civil and Environmental Engineering. With this in mind, the following policy is supported by the CEE faculty and is enforced by each student's advisor and the CEE Curriculum Committee.

Three sets of EFA plans are offered as 'recommended EFAs' on the EFA plan form. The first set, "Civil Engineering Practice" and "Environmental Remediation and Control," are designed for students who want a broad exposure to civil and environmental engineering practice. The second set are recommended technical EFAs strongly related to civil and environmental engineering but provide a more specific focus. The third set includes recommended non-technical EFAs that are strongly related to civil and environmental engineering. In addition, interested students may propose an original EFA that is not on this recommended list. A title is required and the list of proposed courses must meet the guidelines below.

Guidelines for Allowable EFAs: Any area of focus is available as an EFA. However, the following guidelines must be met:

1. The set of courses chosen must support the student's career or life plan and be described as such on the EFA form. The discussion must be acceptable to the advisor and the CEE curriculum committee.
2. A non-technical EFA in the performance arts (music, art, theater, dance) must be completed as part of a minor in that field and therefore each course must be part of a sequence of an increasingly challenging curriculum.
3. The set of courses chosen must demonstrate depth of learning in a particular area. An assortment of introductory courses is unacceptable.

Deadlines: Students must submit an EFA plan form before or at the time of registering for their first EFA course. For those EFA plans that have already been developed (recommended EFAs), this would be prior to the spring term of the junior year, or equivalent (upon completion of 79 S.H.). For those EFA plans that are original and have not been developed by CEE, this may be significantly earlier.

Revision of EFAs: Students are encouraged to submit their EFA form early, especially if they are proposing a non-technical or unique EFA plan. Students may submit an EFA plan as early as they wish, and they may resubmit a revised EFA at any time afterwards.

It is expected that some students may desire to substantially change their focus area. In some cases, revision of the existing EFA proposal may not be possible. For example, a change from a technical EFA to a non-technical EFA is likely to require the student to take additional courses (beyond the 128 required for graduation) in order to show exposure and depth in a particular area. A change to a performance art EFA may require many additional courses, as a minor is required. In these cases, a new EFA must be attached to the previous plan for signatures, with appropriate explanation.

Signatures: Students shall submit their EFA plan form to their advisor for signature. Then the form will be forwarded to the CEE curriculum committee for approval. Once the form is approved by the committee, a committee representative will sign and forward to the Departmental Executive Officer (DEO) for signature. Once all signatures are obtained, one copy of the EFA form will be forwarded to the Student Development Center, one to the student, and one will be placed in the student's file. Successful original EFA plans may be shared (anonymously) with other students and advisors as examples.