

# Guidelines for Students Enrolling in the Non-Degree Conferring Program in Soil and Water Conservation

Amended and approved by a meeting of the Department of Civil Engineering on March 12, 2002

Amended and approved by a meeting of the Engineering College Curriculum Committee on April 10, 2002

Amended and approved by a meeting of the National Central University Curriculum Committee on April 29, 2002

Amended and approved by a meeting of the Academic Affairs Committee on June 18, 2002

Amended and approved by a meeting of the Department of Civil Engineering Curriculum Committee on October 27, 2006

Amended and approved by a meeting of the Engineering College Curriculum Committee on November 7, 2006

Amended and approved by a meeting of the National Central University Curriculum Committee on December 28, 2006

Amended and approved by a meeting of the Academic Affairs Committee on January 19, 2007

1. The aim of this program is to integrate courses related to soil and water conservation and to equip students with a general knowledge of this field so as to produce design professionals specializing in soil and water conservation.
2. Any student in any department or institute at the University may apply for entry into this program.
3. University students will be regarded as having completed this program after earning 24 credit hours or more from taking the program's courses. They shall have the name of the program as well as the number of credit hours earned clearly indicated on their transcript and shall also be awarded a certificate of completion.
4. This program's courses are mainly divided into two categories: required subjects and elective subjects, which are listed as follows:

## (1) Required subjects:

Subject	Course Numbers	Credit Hours
Soil Mechanics I	CI3003	3
2. Hydrology	CI3030	3
3. Engineering Geology	CI4002	2
4. Soil and Water Conservation Engineering	CI4045	3

## (2) Elective subjects:

Subject	Course Numbers	Credit Hours
1. Basic Engineering	CI3010	3
2. Steel-Reinforced Concrete Design	CI3012	3
3. Soil Mechanics II	CI4003	3
4. Environmental Impact Assessment	CI4056	3
5. Seminar in Soil and Water		

Conservation Application	CI5002	2
6. Site Investigation	CI4016	2
7. Water Resources Engineering	CI3056	3
8. General Introduction to Geographic Information Systems	CI4050	3
9. Soil Reinforcement Design	CI4060	2
10. Introduction to Disaster Prevention in Civil Engineering	CI4064	2
11. Rock Mechanics	CI6059	3
12. Groundwater and Seepage	CI6060	3
13. Basic Design	CI6097	3
14. Slope Land Engineering	CI7040	3

5. Whether courses with similar titles and content taken in other University programs can be accepted in lieu of courses offered by this program shall be left to the discretion of the Department of Civil Engineering.
6. These guidelines shall be implemented and entered into force upon approval by a meeting of the Academic Affairs Committee. The same procedure applies to any amendment of these guidelines.