



Teaching Program of Civil Engineering (in English)
For Four-year Foreign Students- Fall semester
Specialty Code: 080703

一、 Educational objectives

The profession aims to train the senior civil engineers and talents developing morally and physically that can meet the needs of the development of modern civil engineering and acquire the basic training of civil engineers. After graduation, they can be engaged in the work of survey, design, construction, management, education and other aspects related to civil engineering .

二、 Requirements

Graduates should acquire the following knowledge and capabilities.

1. Graduates will have solid foundation on math, physics, chemistry, mechanics and geology etc. They are able to use the basic Chinese to read Chinese books and magazines of their own specialty and have some skills such as listening, speaking, reading, writing and translation etc.
2. Graduates will grasp the basic theory and professional knowledge of engineering science required in their own specialty. They will possess preliminary capability to use basic applied theory and knowledge to go on construction design and organization and management, to analyze and solve practical problems on civil engineering, and to make technological improvement, scientific development and applied research.
3. Graduates will have fairly strong experiment test, calculation and expression abilities and master document retrieval and other method to acquire scientific and technological information.
4. Graduates will have a better self-study and work adaptation capability, computer operation and application ability and innovative consciousness.
5. Graduates will have insight and ability to use systematic engineering ideas and modern operational knowledge to go on production and organizational management.

三、 Main subjects and degree courses

Main subjects: civil engineering



Degree courses: Elementary Chinese, A Survey of China, Advanced Math, Physics, Program Design Language, Chemistry, Theory Mechanics, Material Mechanics, Structural Mechanics, Civil Engineering Materials, Concrete Structure Design Principles, Steel Structure Principle, Soil Mechanics and Foundation Engineering, Structural Seismic, Civil Engineering Construction.

四、Graduate Requirements and Distribution of Class Hours and Credits

分类(Classification)		学分 Credits	学时 Hours	备注(Note)
必修 Required	理论(Theory)	139.5	2168	含实验学时 50, 上机学时 32 (30) Including 50 experiment hours and 32 (30) on-line hours
	实验 (Experiment)	2	48	
	实践 (Practice)	31		
毕业要求 Graduate requirements	1. Students will graduate after they earn 168.5 credits required in the teaching program of their specialty. 2. Engineering Bachelor' s degree will be conferred to the qualified students. 3. The students are required to write their graduation papers in English and should offer thesis' abstract in Chinese. 。			