

General Issues for Bachelor @ Civil Engineering

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Outline

- Background of NTU Civil Engineering
- Graduating Requirements
- Minimum Credits and Withdrawal
- Specialized Courses at Civil Engineering



Introduction - NTU

- **Top Ranked University**
- **Founded in 1928**
- **NOW consists of :**
 - 1. 11 colleges
 - 2. 54 departments
 - 3. 10 graduate institutes
 - 4. 4 research centers



Graduation Requirements For 2019-2020 Students

University Compulsory Courses	12
University General Courses	12
Departmental General Compulsory Courses	12
Departmental Profesional Compulsory Courses	50
Field Specialized Compulsory Courses	14
F-Level Courses (Topical Compulsory Courses)	12
Field Specilaized Elective Courses	12
Elective Courses	8
Total Credits	132



Curricula - undergraduate

- **Six areas for undergraduate:**
 - ✓ Civil engineering
 - ✓ Railway Engineering
 - ✓ Architectural Engineering
 - ✓ Environmental Engineering
 - ✓ Natural Disaster Prevention
 - ✓ Wood Construction



Minimum Credits & Withdrawl

- Minimum of 15 Credits at the Start of Term!!!
- You may withdraw courses starting from [9/23-12/6](#)
- After withdrawl, you must have a minimum of 9 credits.
- Courses that have been withdrawn do not count to your GPA.
- Withdrawl form (aka Special Request Form) @ Administration Building Enrollment or Online



Specialized Courses

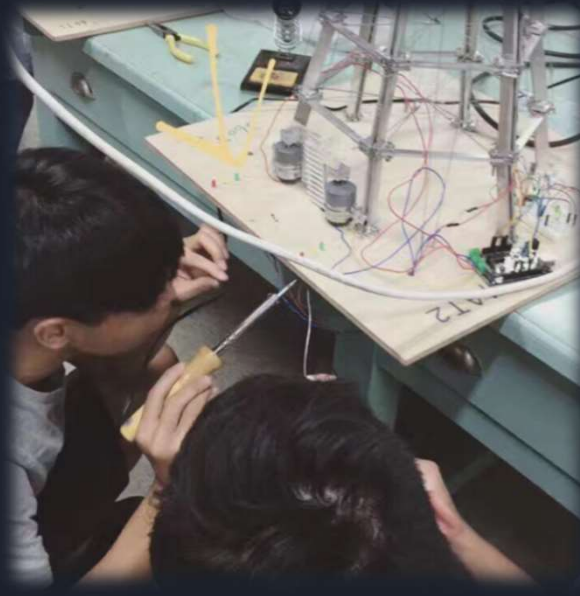
- ❑ Workshops based on fundamental engineering knowledge
- ❑ Practical experience
- ❑ Courses selected for undergraduates
 - ❑ Cornerstone
 - ❑ Keystone
 - ❑ Capstone



Specialized Courses - Cornerstone

- ❑ Physical Model Design Laboratory
 - ❑ Compulsory Subject for Freshman (Second Semester)
 - ❑ Based On Basic Science and Engineering Knowledge
 - ❑ Model Designing and Manufacturing
 - ❑ Focus On Group Discussions
 - ❑ Providing Learning Motivation

Specialized Courses - Cornerstone





Specialized Courses - Keystone

- ❑ Structural Theory And Fluid Mechanics Lab
 - ❑ Elective Subject for Sophomore
 - ❑ Making Real Strutral Model
 - ❑ Learning During Process
 - ❑ Co-operation With Different University

Specialized Courses - Keystone



- ❑ 2017-2 Semester
- ❑ Co-operation with NCKU
 - ❑ Architecture Department
 - ❑ Hydraulics Department



Specialized Courses - Capstone

- ❑ Civil Engineering Capstone Challenge
 - ❑ Compulsory Subject for Junior & Senior
 - ❑ Workshop At Advanced Level
 - ❑ Application Of Professional Theories
 - ❑ Based On Cumulative Engineering Experience

Specialized Courses - Capstone



- ❑ 2017-2 Semester
- ❑ Wooden Carport
- ❑ Being Exhibited for one year

Specialized Courses - Capstone



Thank You !!!

