



ADYAMAN UNIVERSITY
FACULTY OF ENGINEERING
DEPARTMENT OF CIVIL
ENGINEERING

DESCRIPTION BOOKLET

2006

2025-2026

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Department of Civil Engineering

Adiyaman University Department of Civil Engineering, was established in 2011, and started accepting students in the academic year 2013 - 2014.

Head of Department

Prof. Dr. Mehmet Fatih ŞAHAN

Vice Chair

Assist. Prof. Dr. İsmail ÜNSAL

Assist. Prof. Dr. Zeyneb KILIÇ

Academic Staff

Department of Structure

Prof. Dr. Murat PALA

Assist. Prof. Dr. İsmail ÜNSAL

Department of Mechanics

Prof. Dr. Mehmet Fatih ŞAHAN

Department of Geotechnics

Assoc. Prof. Dr. Mehmet SÖYLEMEZ

RA. Dr. Alpay ÖZDEMİR

RA. Dr. Mert GÜRTÜRK

RA. Dr. Yalçın YILMAZ

Department of Construction Materials

Prof. Dr. Osman GÜNAYDIN

Department of Hydraulics

Assoc. Prof. Dr. Musa EŞİT

Assist. Prof. Dr. Zeyneb KILIÇ

Department of Transportation

PhD RA. Günay TÜMEN

Department of Construction Management

Department Secretary

İrem AKDULUM

- **Mission & Vision**

Mission

To train Civil Engineers who are beneficial to society to be employed in the design, implementation, and development of Civil Engineering related systems in institutions and organizations operating in all national and international environments according to the needs of our country and humanity through the synthesis of mathematics, science and engineering knowledge.

2006

Vision

A civil engineering department that educates nationally and internationally recognized engineers with sustainable development, research, and learning awareness in construction environments.

Importance of Departments of Civil Engineering

Civil Engineering offers infrastructure and superstructure projects that shape the Development and change of the world over time for the benefit of humanity. Civil Engineering is becoming more and more important in our world, where the change is exceptionally fast. Civil Engineering is becoming increasingly important in our country where devastating earthquakes occur. Therefore, it is aimed to develop earthquake regulations and to

ensure the development and implementation of earthquake-resistant design principles and to inspect them. The need for effective civil engineering projects is increasing due to the rapidly growing urbanization and insufficient infrastructure elements, and the problems caused by rapid population growth. Civil engineering continues to be an engineering field that extends to the future with its structural vision.

Why Civil Engineering?

Civil engineering builds structures from drinking water systems to dams where hydroelectric energy production is made and other power plants and construction of hospitals, tunnels, bridges, railways, ports, and airports parallel with the population growth and developing industry. It designs in a way

that is resistant to all-natural disasters, especially earthquakes, and builds with confidence so that society continues to build the future.

Job Opportunities for Our Graduated Students

The graduates can work for the government in many institutions such as the General Directorate of Highways, State Hydraulic Works, Ministry of Environment and Urbanization, State Railways, Special Provincial Administrations, Municipalities, Universities Construction Affairs Department. While in the private sector, they can work for companies operating in real estate, electricity & electronics, energy, mining, and the metal industry.

Highest and Lowest Placement Scores According to Central Placement

According to results of ÖSYS placement announces by the Directorate of Assessment, Selection and Placement Center in 2024, the student has been placed in our department with the highest score 324,58540, while the student has been placed with the lowest 292,29998 score. 9 of the 20 student quotas opened in total have been filled.

According to results of ÖSYS placement announces by the Directorate of Assessment, Selection and Placement Center in 2023, the student has been placed in our department with the highest score 363,65246, while the student has been placed with the lowest 312,15839 score. 10 of the 20 student quotas opened in total have been filled.

173 students continue their education in our department.

Course Catalog

1.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/Selective	ECTS
AIİT101	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2+0+0	COMPULSORY	2
FİZ101	PHYSICS I	2+0+2	COMPULSORY	4
İNM101	INTRODUCTION TO CIVIL ENGINEERING	2+0+0	COMPULSORY	4
İNM103	COMPUTER AIDED PROFESSIONAL PICTURE	3+0+1	COMPULSORY	6
KİM101	CHEMISTRY	2+0+2	COMPULSORY	4
MAT101	MATH I	3+1+0	COMPULSORY	5
TD101	TURKISH LANGUAGE I	2+0+0	COMPULSORY	2
YD101	FOREIGN LANGUAGE I	2+0+0	COMPULSORY	3
Toplam AKTS				30

2.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/Selective	ECTS
AIİT102	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2+0+0	COMPULSORY	2
İNM102	CONSTRUCTION GEOLOGY	3+0+0	COMPULSORY	4
İNM104	STATICS	5+0+0	COMPULSORY	6
İNM106	COMPUTER AIDED ARCHITECTURAL PROJECT DRAWING	3+0+1	COMPULSORY	5
MAT102	MATH II	3+1+0	COMPULSORY	5
MAT104	LINEAR ALGEBRA	2+0+0	COMPULSORY	3
TD102	TURKISH LANGUAGE II	2+0+0	COMPULSORY	2
YD102	FOREIGN LANGUAGE II	2+0+0	COMPULSORY	3
Toplam AKTS				30

3.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/Selective	ECTS
İNM201	STRENGTH I	3+0+0	COMPULSORY	4
İNM203	SOIL MECHANICS I	2+1+0	COMPULSORY	4
İNM205	FLUID MECHANICS	3+0+1	COMPULSORY	4
İNM207	CONSTRUCTION MATERIALS	4+0+0	COMPULSORY	4
İNM209	BUILDING INFORMATION	4+0+0	COMPULSORY	5
İNM211	TOPOGRAPHY	3+1+0	COMPULSORY	4
MUH201	STATISTICS FOR ENGINEERS	2+0+0	COMPULSORY	3
SEÇ 1	Social Elective Courses	2+0+0	COMPULSORY	2
Toplam AKTS				30
SOS201	COMMUNICATION	2+0+0	ELECTIVE	2
SOS203	ENVIRONMENTAL MANAGEMENT SYSTEMS	2+0+0	ELECTIVE	2
SOS205	ECONOMY FOR ENGINEERING	2+0+0	ELECTIVE	2
SOS207	CRITICAL ANALYTIC THINKING	2+0+0	ELECTIVE	2
SOS209	HISTORY OF SCIENCE	2+0+0	ELECTIVE	2
SOS211	VOLUNTEERING WORKS	2+0+0	ELECTIVE	2

4.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/S elective	ECTS
İNM202	STRENGHT II	3+0+0	COMPULSORY	4
İNM204	STRUCTURAL ANALYSIS I	3+0+0	COMPULSORY	3
İNM206	SOIL MECHANICS II	2+1+0	COMPULSORY	4
İNM208	HYDROLIC	2+0+1	COMPULSORY	4
İNM210	CONCRETE TECHNOLOGY	3+1+0	COMPULSORY	4
İNM212	PROGRAMMING IN CIVIL ENGINEERING	2+1+0	COMPULSORY	3
İNM214	SUMMER INTERNSHIP I	0+0+0	COMPULSORY	0
MAT202	DIFFERANTIAL EQUATIONS	3+0+0	COMPULSORY	4
MUH204	OCCUPATIONAL HEALTH AND SAFETY	2+0+0	COMPULSORY	2
SEÇ 2	SOCIAL ELECTİVE COURSES	2+0+0	ELECTIVE	2
Toplam AKTS				30

SOS202	PUBLIC RELATIONS	2+0+0	ELECTIVE	2
SOS204	FIRST AID	2+0+0	ELECTIVE	2
SOS206	ENVIRONMENTAL POLLUTION AND ITS CONTROL	2+0+0	ELECTIVE	2
SOS208	ARTIFICIAL INTELLIGENCE METHODS	2+0+0	ELECTIVE	2
SOS210	RESEARCH AND REVIEW TECHNIQUES	2+0+0	ELECTIVE	2

5.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/S elective	ECTS
İNM301	BUILDIND STATİCD II	3+0+0	COMPULSORY	3
İNM303	CONCRETE I	3+1+1	COMPULSORY	5
İNM305	ROAD ENGINEERING	2+1+0	COMPULSORY	4
İNM307	INTRODUCTION TO STEEL STRUCTURES	4+0+0	COMPULSORY	5
İNM309	WATER SUPPLY AND WASTE WATER	3+0+0	COMPULSORY	5
İNM311	CONSTRUCTION MANAGEMENT	2+0+0	COMPULSORY	3
SEÇ 3	SOCIAL ELECTIVE COURSES	2+0+0	ELECTIVE	2
SEÇ 4	PROFESSIONAL ELECTIVE COURSES	3+0+0	ELECTIVE	3
Toplam AKTS				30

İNM323	WATER RESOURCES	3+0+0	ELECTIVE	3
İNM327	INTRODUCTION TO SOIL LABORATORY TESTS	1+0+2	ELECTIVE	3
İNM329	INTRODUCTION TO BUILDING LABORATORY TESTS	1+0+2	ELECTIVE	3
SOS301	PATENT AND INDUSTRIAL DESİGNS	2+0+0	ELECTIVE	2
SOS311	TECHNOLOGY AND İNNOVATION MANAGEMENT	2+0+0	ELECTIVE	2

6.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/S elective	ECTS
İNM302	CONCRETE II	3+1+0	COMPULSORY	6
İNM304	QUANTITY AND EXPLORATION WORKS	4+0+0	COMPULSORY	5
İNM306	INTRODUCTION TO BUILDING DYNAMICS	3+0+0	COMPULSORY	4
İNM308	WATER STRUCTURES	3+0+0	COMPULSORY	4
İNM310	FOUNDATION CONSTRUCTION	3+0+0	COMPULSORY	3
İNM312	SUMMER INTERNSHIP	0+0+0	COMPULSORY	0
SEÇ 5	SOCIAL ELECTIVE COURSES	2+0+0	ELECTIVE	2
SEÇ 6	PROFESSIONAL ELECTIVE COURSES	3+0+0	ELECTIVE	6
Toplam AKTS				30
İNM322	FLEXIBLE ROAD SUPERSTRUCTURES	3+0+0	ELECTIVE	3
İNM324	HYDROLOGY	3+0+0	ELECTIVE	3
İNM328	DAMAGE DETERMINATION IN BUILDINGS	3+0+0	ELECTIVE	3
İNM330	CONSTRUCTION WORKS AND TENDER LEGISLATION	3+0+0	ELECTIVE	3
İNM332	DEVELOPMENTS IN BUILDING TECHNIQUES	3+0+0	ELECTIVE	3
İNM334	INTRODUCTION TO CONCRETE ADDITIVE MATERIALS	3+0+0	ELECTIVE	3
İNM336	HIGHWAY DESIGN	3+0+0	ELECTIVE	3
İNM338	INTRODUCTION TO SOIL TREATMENT METHODS	3+0+0	ELECTIVE	3
İNM340	COMPUTER APPLICATIONS IN BUILDING ANALYSIS	3+0+0	ELECTIVE	3

7.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/S elective	ECTS
İNM401	EARTHQUAKE RESISTANT STRUCTURE DESIGN	3+0+0	COMPULSORY	5
İNM403	BUILDING COST ANALYSIS	3+0+0	COMPULSORY	3
İNM405	COMPUTER AIDED CONCRETE BUILDING DESIGN	2+1+0	COMPULSORY	4
İNM407	GRADUATION PROJECT	0+2+0	COMPULSORY	4
SEÇ 7	SOCIAL ELECTIVE COURSES	2+0+0	COMPULSORY	2
SEÇ 8	PROFESSIONAL ELECTIVE COURSES	3+0+0	COMPULSORY	12
Toplam AKTS				30
İNM421	COMPUTER AIDED STEEL BUILDING DESIGN	3+0+0	ELECTIVE	3
İNM423	INTRODUCTION TO REPAIR STRENGTHENING IN BUILDINGS	3+0+0	ELECTIVE	3
İNM425	REINFORCED CONCRETE III	3+0+0	ELECTIVE	3
İNM427	PREFABRICATED BUILDINGS	3+0+0	ELECTIVE	3
İNM429	DAMS	2+0+0	ELECTIVE	2
İNM431	COST ANALYSIS AND PROGRESS IN CONSTRUCTION WORKS	2+0+0	ELECTIVE	2

8.SEMESTER COURSE PLAN

Course Code	Course Name	T+A+L	Compulsory/S elective	ECTS
İNM402	COMPLIANCE WITH ENGINEERING	0+2+0	COMPULSORY	15
MUHSEC 8	ENGINEERING ELECTIVE COURSE	2+0+0	ELECTIVE	5
MUH402	INNOVATION AND PRODUCT DEVELOPMENT	2+0+0	ELECTIVE	5
MUH404	QUALITY CONTROL AND STANDARDS	2+0+0	ELECTIVE	5
Toplam AKTS				30

T+A+L: Theoretical + Application + Lab
ECTS: European Credit Transfer System

Activities

Civil Engineering Department regularly organizes the event "One of Us". The scope of this activity ensures that the experiences of engineers who have graduated and have already reached a certain level of knowledge are transferred to current students. Opportunities are provided for students to participate in the DASK Earthquake Resistant Building Design Competition. Opportunities are provided for students to participate in the DE&CO International Steel Bridge Competition

FACULTY OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

Address

Adiyaman University Engineering Faculty
Department of Civil Engineering Building: A Floor: 2
02040, City center / ADIYAMAN

Telephone: +90 (416) 223 38 08

Fax: +90 (416) 223 38 09

web:<https://muhendislik.adiyaman.edu.tr/en/departments/department-of-civil-engineering>

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