
Civil Engineering



FREDERICK UNIVERSITY

Civil Engineering

Learn how to design, study and oversee construction projects

Can you imagine yourself climbing on top of a tall building or a bridge to supervise? Could you be involved in the supply of clean, potable water to a city? Would you see yourself creating better road and public transport networks so that people can commute with ease? Do you believe that you can contribute towards a better future? If your answer to any of these questions is YES, then becoming a Civil Engineer could be the ideal profession for you.

BSc in Civil Engineering

Choosing to study Civil Engineering at Frederick University means that you will receive high-level academic education in both the scientific and technical aspects of the profession. Your theoretical and practical training will focus on the fundamental areas of Civil Engineering and, in addition to the general Civil Engineering direction, you will have the option to specialize in Quantity Surveying. Through targeted projects, workshops, and internships, you will be trained in real working conditions. With a Degree in Civil Engineering, you can pursue immediate employment in the public and private sector and the construction industry. You will also acquire the academic knowledge, credentials, and skills to pursue a postgraduate degree.

Long-standing Tradition and Recognition

This program has the longest tradition in Civil Engineering in Cyprus. The academic staff of Frederick University has over thirty years of experience and an excellent track record in higher education in the field of Civil Engineering - from Frederick Institute of Technology until its upgrade to a University in 2007. Due to this long-standing tradition, our graduates are sought after and have a leading position in the job market at surveying offices, contracting companies, and public organizations. The faculty of this program consists of distinguished engineers and academic scholars of international caliber and with extensive research work.

As a graduate, you will be eligible to register with the Cyprus Scientific and Technical Chamber (ETEK). Frederick University is recognized by the Hellenic National Academic Recognition and Information Center (Hellenic NARIC) as an accredited university equivalent to the Greek Universities and, upon obtaining a Master's degree, graduates of this program are eligible to become members of the Technical Chamber of Greece (T.E.E).

Employment prospects

Most of our graduates are hired immediately after receiving their degree in Civil Engineering in governmental and semi-governmental organizations, the private sector, and the industry. Among other job opportunities, they can pursue roles in surveying offices, contracting companies, building material companies, cement plants, and the technical services of governmental and semi-governmental organizations. Moreover, many of our graduates move abroad for work or postgraduate studies at a Master's or doctoral level.



You will train in the fundamental engineering concepts through a combination of analysis and design classes, experiments, and computer training. The skills you will gain through the different courses of the program will boost your employment prospects.



The ultimate goal of this program is to develop problem-solving skills for the analysis and design of complex existing and future construction projects, environmental and hydraulic systems, or other projects relating to Civil Engineering.



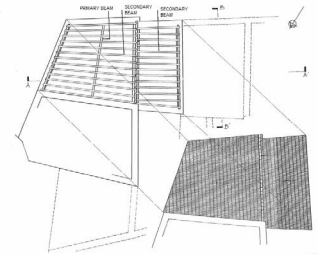
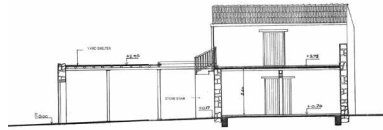
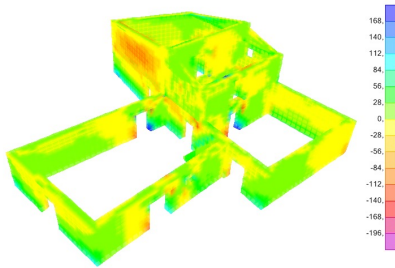
Through laboratory exercises and the use of specialized equipment, you will gain practical skills in Engineering, Strength of Materials, Construction Materials, Geology and Geotechnics, Fluid Engineering, and Geodesy. You will also be involved in laboratory exercises in Structural Design, Earthquake Engineering and the Environment.



During your studies, you will gain extensive real-world work experience through practical training. You will have the opportunity to work on real projects and familiarize yourself with the different job roles you will be able to pursue once you graduate.



You will have the opportunity to participate in faculty-led research programs on recyclable materials and the manufacturing of high-strength concrete. You will be involved in projects dealing with the management of natural disasters, restoration and the environment.



“ Frederick University’s undergraduate program in Civil Engineering (BSc in Civil Engineering) and postgraduate program in Structural Engineering (MSc in Structural Engineering), provide students with all the necessary skills to make it in any working environment in the field. The knowledge these programs provide you with is more than enough to kickstart a brilliant career in construction or surveying offices. The professors were always ready to address not just the theoretical aspects of the courses, but also their practical application, being experienced themselves in the real-life working conditions of the construction industry. ”

Andreas Nikolaou, graduate

“ What stands out at Frederick University is the faculty. Their knowledge, the interest they show in their students, their contagious enthusiasm, and also, the fact that they are always ready to listen, answer questions, discuss, and take you a step further. ”

Maria Spanou, graduate

“ The four-year program of Civil Engineering and the postgraduate program in Structural Engineering gave me all the professional rights to practice the profession in Greece, my country of origin. ”

Andreas Dagarakis, graduate

“ Quality education, quality of student life, high-level teaching, and professional accreditation make Frederick University the ideal choice! ”

Euripides Arabatzoglou, graduate

“ I realized at a young age that the profession I would pursue should match my character. I enjoy studying, analyzing, and finding solutions to problems while maintaining my creativity: this is what civil engineering is all about! So, I decided to pursue a degree in Civil Engineering at Frederick University. Today I work for a large contractor, and I am also the President of the Civil Engineering Lamaca-Famagusta District Council. ”

Evanthia Frangou, graduate

“ The in-depth knowledge of the professors, their passion, and their personalities: these are the biggest advantages of Frederick University in this field. In addition to my courses, I have had the opportunity to engage in other university activities. For example, I entered a competition which aimed at creating housing for refugees in Cyprus. All of the above played a decisive role in my decision to continue with postgraduate studies, and later to work at the University as a researcher, while also doing my PhD. ”

George Xekalakis, graduate



FREDERICK UNIVERSITY

Nicosia: Tel.: +357 22 394394 | Limassol: Tel.: +357 25 730975 | Athens Office: Tel:+30 210 3311288
www.frederick.ac.cy / email: info@frederick.ac.cy