



The University Of Sheffield.



CITY College
An International Faculty Of The University.

Department of Computer Science

MSc in Advanced Software Engineering (Web & Mobile Applications)

- > Experience world-class teaching and research and gain advanced knowledge in software engineering, web engineering and mobile application development.
- > Focus on the theoretical and applied study of the design and development of high-quality and complex software systems, with special focus on web and mobile applications.
- > Become a professional software engineer specialised in Web development and Mobile applications.

Course overview

Information and communication technologies have become the largest and most rapidly developing sectors of the European union and world economy. Furthermore, the constant growth of Internet-based application and the proliferation of mobile devices leads to the emergence of new technologies, novel services, and innovative products. Since, the majority of applications nowadays are developed either for the Web or for mobile devices, the IT industry increasingly demands software practitioners who are specialized in the areas of Web engineering and mobile application development. This postgraduate course offers students advanced knowledge in software engineering, Web engineering and mobile application development. Using a variety of teaching and assessment methods, it aims to produce students with the skills that are necessary to work as respected professionals in an industrial environment.



Message from the Director of Postgraduate Studies.

Software has not only become an integral part of our every day life but also an important asset for the industry and the globalized economy. The need for the development of high quality and in time software is very high; and so is the need for skilled and properly trained software engineers. We aim to provide to our students with the knowledge and skills required to fulfill these demands. According to labor agencies worldwide, the occupation of Software Engineer is one of the highest-paying jobs. Our programmes have a strong industrial dimension through the real world cases which are examined, studied and practiced in the courses. Our graduates are high-calibre professionals ready for the largest and most rapidly developing sectors of the world economy.

Dr Dimitris Dranidis

> Career opportunities

Software engineer, web engineer, mobile application developer.

Programme of Studies

Engineering Internet Applications

Human Computer Interaction/ User Experience

Software Development for Mobile Devices

Advanced Software Development Techniques

Information Security

Computer Networking and Internet Technologies

Contemporary Issues in ICT

Industrial Group Project

Research Skills and Dissertation Preparation

Dissertation

> KEY FEATURES > > > >

> COURSE DURATION:

Full-time: 1 year (afternoon hours)
Part-time: 2 years (afternoon hours)

> LOCATION OF STUDIES:

Thessaloniki, Greece

> LANGUAGE OF INSTRUCTION:

English

> ADMISSIONS REQUIREMENTS:

- Undergraduate degree in Computer Science, Engineering or a related discipline.
- Fluent command of the English language (IELTS: 6,5 or equivalent qualifications).

> DEGREE TITLE:

The degree **Master of Science in Advanced Software Engineering (Web and Mobile Applications)** is awarded directly by the University of Sheffield.