



Specific descriptors of qualifications for first cycle of three-year studies with 180 ECTS, study program
Computer Sciences - Decree on the National Framework of Higher Education Qualifications

DESCRIPTOR TYPE	DESCRIPTION
KNOWLEDGE AND UNDERSTANDING	Possesses knowledge and understanding of the basic areas of computer systems and sciences, architecture and operating systems, as well as computer system programming in all phases of creating software products and relevant modern technologies. It also has an understanding of basic related areas such as databases, computer networks as well as advanced computing techniques through optional study of the basics of data science, artificial intelligence, etc.
APPLICATION OF KNOWLEDGE AND UNDERSTANDING	Can apply acquired knowledge especially for programming and participate in professional development of software and information systems in different environments such as mobile and hybrid applications, web and cloud applications and based on advanced solutions and standards appropriate to the field of study.
JUDGEMENT ABILITY	Able to assess and evaluate appropriate real-world problems related to computer science in order to analyze and specify appropriate software solutions in various development and programming environments. Can evaluate and participate in the evaluation of computer systems and software solutions and appropriate working environments of informatics and its applications.
COMMUNICATION SKILLS	Has abilities for professional written and oral communication about problems, solutions and projects in the field of Computer Sciences as well as correctly documenting the appropriate stages of application development at a level appropriate for the degree of education.
STUDY SKILLS	Able to use appropriate professional literature in the field of computer sciences, to identify new sources of information and knowledge, and to organize and undertake activities for acquiring the same in an independent and professional manner.

The School of Computer Science and Information Technology maintains open communication with UACS Business Council members, an international network of professionals and partners from the academic community. This communication enables regular updates to teaching materials and methodologies in accordance with national and international accreditations from ASIIN and ACBSP. The study syllabi are updated before the start of each semester. A regular Call for co-mentorship of Capstone projects is open each November. We are open to and actively promote the exchange of positive practices and contributions of our stakeholders to our educational process. We aim to offer the highest up-to-date standards in the main areas of our study programs, especially:

- The current aspects of digitization as a driver of modern technological ecosystems
- and the integration of relevant emerging technologies;
- We support and promote energy and resource - conscious technological choices;
- We aim to promote high ethical considerations, ensuring the solutions prioritize data security and privacy, digital transformation follows international standards, and social responsibility.
- We promote functional AI applications, maintaining international ethical recommendations.