

VENTSPILS AUGSTSKOLA

Ventspils University College (VUC) is located in Latvia, Ventspils – a city where they respect the past, think about tomorrow, and work efficiently today! And, of course, VUC is in the distance of just a 15 minute walk from the Baltic Sea!

VUC mission is to develop and maintain qualitative and modern higher education and scientific research, and provide good functional interaction of them in its academic fields of action – management, applied linguistics, computer science, information technology, engineering and radio astronomy.



ACADEMIC MASTER STUDY PROGRAMME “COMPUTER SCIENCE”

DEGREE TO BE AWARDED: Academic master’s degree of natural sciences in computer science

REQUIREMENTS REGARDING THE PREVIOUS LEVEL OF EDUCATION: Bachelor’s degree of natural sciences or engineering sciences in computer sciences, mathematics, information technologies, physics, astronomy, electronics or telecommunications

DURATION OF STUDIES: 2 years (4semesters)

TYPE OF STUDIES: Full-time

MAIN COURSES: IT Project Management, Java Design Patterns, Numerical Methods of Algebra, Matlab Tools, Digital Image Processing, Probability and Statistics for Computer Scientists, IS Testing, Embedded Systems, Programming within Mobile Platforms, Advances in Web Technologies, Image processing application, Information Theory and Cryptography, Introduction to Space Technologies, Introduction to Biomedical Applications.


AIM OF THE STUDY PROGRAMME: To prepare specialists of computer sciences in the rapidly growing private IT sector, and also to provide students with the most topical set of knowledge and skills that is necessary for specialists of natural sciences and IT in an excellent master’s level, and that will prepare students for independent research work in an international environment with the opportunity to continue studies in a doctoral study programme.


TASKS OF THE STUDY PROGRAMME: To ensure conditions and opportunities for students to acquire abilities and skills for their scientific and professional activity; - to create motivation and to increase meeting of students’ continuing education needs, including motivation to continue studies in doctoral level study programmes; - to develop students’ skills of scientific analysis, educational skills, the ability to independently solve problems, to

promote their participation in solving of scientific issues

HOW TO APPLY: fill the application form: application.venta.lv;
prepare a copy of an apostilled secondary education document;
take IELTS, TOEFL test, have a Cambridge English language certificate, or take the Ventspils University College test;
prepare Curriculum Vitae;
prepare a copy of passport;
prepare a Remittance order certifying payment of application fee EUR 120.

CONTACTS:  international_vuc

 @VUC_IO or @VpilsAugstskola

 VentspilsAugstskola or Ventspils University College - International Office

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CHOOSE VENTPILS UNIVERSITY COLLEGE AND BE ONE STEP AHEAD!

