

Higher Education Institution (name in original language and in English)	Latvijas Universitāte (University of Latvia)
Country	Latvia
State/Province (where applicable)	Riga
Name of the Programme (name in original language and in English)	Datorzinātnes [Computer Science]
Degree Awarded	Bachelor
Qualification Level (First Cycle / Second Cycle)	First cycle
Programme Objectives; Profile (where applicable)	<p>For the Bachelor programme in Computer Science, five areas of specialisation are offered: Computer Science, Software Engineering, Information Technologies, Information Systems, or Computer Engineering.</p> <p>The objective of Bachelor's programme Computer Science is to train specialists who:</p> <p>(B1) understand basics of computing and informatics depending on the chosen area of specialisation,</p> <p>(B2) know and are able to apply basics of mathematics,</p> <p>(B3) are able to design and to develop complex user software and information systems,</p> <p>(B4) are able to participate in scientific projects and to continue studies in academic programme of Computer Science Master,</p> <p>(B5) are able to improve their own skills and knowledge.</p>
Programme Duration (Semesters; in case of "terms" of different length, indicate them and the equivalent in semesters)	8 Semesters
Total Number of ECTS Credits Awarded	240 ECTS cp
Brief Description of the Programme	<p>The curriculum of the programme is composed of mandatory modules for all areas of specialization (144 ECTS, out of which 6 are from the non-computing area), mandatory modules for each of the five specializations (between 48 and 60 ECTS according to the specialization) and free electives (27-39 Electives from the Computing area, e.g. from other specializations, as well as 9 ECTS from the non-computing area).</p> <p>The five areas of specialisations that students of the Bachelor in Computer Science can choose from are as follows:</p> <ol style="list-style-type: none"> 1. Computer Science – research and academic; 2. Software Engineering – programmers and software project managers; 3. Information Technologies – computer network specialists and project managers; 4. Information Systems – database and information system specialists and project managers; 5. Computer Engineering – embedded system and sensor network specialists and project managers. <p>The structure for each of the specialisations varies slightly over the</p>

	semesters with a view to the number of mandatory courses for each of the specialisations and the electives from the computing area .
Examples of Very Good Practice (where applicable)	The clear idea that the University has of the future professional prospects of the students, was found to be very positive, as well as the good student-staff ratio, the high engagement of the lecturers in teaching, the good quality of staff, the diverse profile of specializations and the good infrastructure.
Accredited without / with Adjustment Requirements	Accredited <u>without</u> Adjustment Requirements
Adjustment Requirements (where applicable)	<p>Recommendations</p> <ol style="list-style-type: none"> 1. It is recommended to further develop and implement a quality assurance system for both study programmes that involves all relevant stakeholders and to use the collected data for continuous evaluations and improvements (feedback loop). It is recommended to facilitate the active participation of students in the formulation of the procedure and to improve student representation in the quality management system. In particular, <ol style="list-style-type: none"> a) feedback mechanisms to student surveys should be established in order to ensure that the evaluations have an impact b) the workload of modules should be regularly and formally assessed to ensure that the credit points assigned reflect the real workload invested by students c) procedures to solve problems in relations with industry or conflicts between students and professors should be clearly and formally defined d) data on the further career paths of the alumni should be systematically collected by the University in order to evaluate the educational objectives of the programmes and the quality expectations of the University 2. It is recommended that the module handbook should be updated to include information on the architecture of the programme in addition to the list of modules and their content. In particular, it should demonstrate: <ol style="list-style-type: none"> a) the mapping of the modules to the various years of the programme, b) the ordering among the modules c) demonstrating which modules supply notions that other modules require. 3. It is recommended that, with view to the programme learning outcome of internationality, the number of technical lectures for Latvian students taught in English should be increased and student and staff exchange should be further encouraged and developed. 4. In view of strengthening research activities, it is recommended that industry relations should be intensified, in particular with respect to common and financed projects. With view to providing a solid scientific basis in preparation for the Master's level, it is recommended to integrate key aspects and approaches of current research into teaching at the Bachelor's level. 5. It is recommended that the process of acquiring new

	<p>lecturers should be guided by the objective to guarantee a more complete coverage of the central areas of computer science, such as programming languages, network protocols and parallel and distributed programming.</p> <p>6. It is recommended that staff development opportunities should be enhanced, e.g. via offering didactical and English language training for teaching staff.</p> <p>7. It is recommended that the University should continue and increase its efforts to design modules as self-contained teaching-learning packages to avoid fragmentation and redundancy among the contents of different modules.</p>
Accredited by (agency, country)	EQANIE – European Quality Assurance Network in Informatics Education
Accredited (from ... to ...)	From 25 May 2012 to 15 June 2017