Undergraduate programme in Computer Science in English Language

Study programme title	**Computer Science in English**
Acronym	**IE**
Capacity	**125 places**
Short description of the faculty/department	The Faculty of Mathematics and Computer Science offers study programmes in mathematics and informatics for around 1200 students. The Department of Computer Science offers BSc study programmes in Informatics (in Romanian and in English) and Applied Informatics (in Romanian), MSc study programmes in Artificial Intelligence and Distributed Computing (in Romanian and in English), Software Engineering (in Romanian) and Applied Informatics in Science, Technology and Economics (in Romanian), PhD programmes in Cloud Computing, High Performance Computing, Artificial Intelligence, Automated Reasoning and Theoretical Computer Science which are also the main research directions of the department members (for details see http://research.info.uvt.ro).
Short description of the study programme (subject area, particularities, duration, etc)	This undergraduate study programme provides training in the main topics of Computer Science with a focus on theoretical concepts and practical tools used in solving computational problems and in designing software products. The students will acquire programming skills in various programming languages and paradigms, abilities to use software tools and to design, implement, test and maintain software systems.

Bd. Vasile Pârvan, nr. 4, 300223 Timişoara, România
Tel: +40-(0)256-592.352
Email: international@e-uvt.ro
www.ri.uvt.ro

Main course titles	Algorithmics, Data Structures, Programming (C/C++/Java/Python), Databases, Computer Networks, Computer Architecture, Computer Graphics, Logic Programming, Operating Systems, Graphs and Combinatorics, Formal Methods, Artificial Intelligence, Information Theory, Web Technologies, Mathematics (Algebra, Geometry, Calculus, Differential Equations)
Potential labour market positions following graduation	The graduates can target positions in IT industry as distributed systems engineer, high performance computing software engineer, cloud platform developer, data scientist/engineer, machine learning engineer, analytics engineer. They can also choose a PhD path oriented toward cloud computing and/or machine learning, fields which are currently in high demand of specialists.
Student benefits	- This programme is part of the European Course in Computer Science partnership which offers double degree awards to students following courses in two partner countries. More details at http://ecs.ecs-emacs.net/ecs- project . - Student internships at various IT companies - Part-time jobs at competitive salaries - Research projects for top students
Student profile	Background in computer science or mathematics
Website	http://www.info.uvt.ro
Email	corina.lascu@e-uvt.ro
Phone	+4 0256 592 156

Bd. Vasile Pârvan, nr. 4, 300223 Timişoara, România
Tel: +40-(0)256-592.352
Email: international@e-uvt.ro
www.ri.uvt.ro

Bd. Vasile Pârvan, nr. 4, 300223 Timişoara, România
Tel: +40-(0)256-592.352
Email: international@e-uvt.ro
www.ri.uvt.ro