



Institution:	FREE INTERNATIONAL UNIVERSITY FROM MOLDOVA (ULIM)
EU subject code:	11.1 Mathematics 11.3 Informatics, Computer Science
Type of Mobility:	Bachelor for Exchange (5 months)
For each Subject code:	Specialty: Information Technology
List of Courses (with ECTS credits)	<p style="text-align: center;">I semester</p> <ul style="list-style-type: none"> • Physics (6 ECTS) • Mathematics I (6 ECTS) • Programming C (5 ECTS) • The Analysis of numerical devices (5 ECTS) • Database (4 ECTS) • Computer engineering (5 ECTS) • Probability and Information Theory (4 ECTS) • Numerical Methods (4 ECTS) • Programming C Builder (4 ECTS) • Analysis and synthesis algorithms (4 ECTS) • Operational research (4 ECTS) • Central and peripheral equipment (3 ECTS) • Stochastic processes (3 ECTS) • Multimedia systems (4 ECTS) • Instrumental computational systems (4 ECTS) • Computer systems (5 ECTS) • Signal processing * (5 ECTS) • Expert systems (3 ECTS) • Knowledge base of artificial intelligence (3 ECTS) • Information security (2 ECTS) • Computer Networks (4 ECTS) • JavaScript Techniques (4 ECTS) • Operating System (4 ECTS) • Management and Marketing (4 ECTS) • Cryptographic systems (5 ECTS) • Network Management (4 ECTS) • Software testing (4 ECTS) • Software project management (4 ECTS) • Processing unstructured data (4 ECTS)



- Web programming II (5 ECTS)
 - Technology of network programming (5 ECTS)
 - Applied computer systems (4 ECTS) Software tools application (5 ECTS)
- II semester**
- Fundamentals of electrical engineering and electronics (6 ECTS)
 - Mathematics II (5 ECTS)
 - Computer graphics (5 ECTS)
 - Programming C++ (6 ECTS)
 - Assembler Programming (4 ECTS)
 - Database management Systems (4 ECTS)
 - Computer-aided design (CAD) (4 ECTS)
 - Prolog Programming (4 ECTS)
 - Functional Programming (4 ECTS)
 - Java Programming I (3 ECTS)
 - Internet Technologies (3 ECTS)
 - Programming C# (4 ECTS)
 - Programming in operating systems (4 ECTS)
 - Computer systems design* (5 ECTS)
 - Analysis and modeling of computer systems (5 ECTS)
 - Fundamentals of metrology and standardization (4 ECTS)
 - Systems theory (5 ECTS)
 - Industrial computer systems (4 ECTS)
 - Artificial intelligence (4 ECTS)
 - Cognitive systems (4 ECTS)
 - Network operating systems (4 ECTS)
 - Computer-user interfacing systems (4 ECTS)
 - Web Programming I (4 ECTS)

Admission requirements for exchange students at Bachelor level :

Students should have a good command of both written and spoken language in which courses are taught.
Students must have completed 1 year of university studies in Informatics or Mathematics.



Academic calendar for exchange students at Bachelor level :	Autumn semester: 01.09.2013 – 19.01.2014 Examinations: from 26.12.2013 to 19.01.2014 Winter holidays: 20.01.2013 – 03.02.2014 Spring semester: 04.02.2014 – 30.06.2014 Examinations: from 01.06 to 30.06.2014 Summer holidays: 01 July – 31 August, 2014
Contact name and e-mail for exchange students at Bachelor level:	Vitalie Budeci: vbudeci@ulim.md cci@ulim.md
Additional information:	No visa needed for Europeans. Accommodation will be offered upon request, students should mention the need of accommodation at the moment they are accepted. The introductory weeks will be organized for income students. Courses are available in Romanian and Russian. Students can register only to courses from one semester, according to which Semester they apply (Ex. If the student comes in the first semester he can choose only from courses which are taught in the I semester).