

Establishment of new Department of Informatics, UNIRI and experiences in teaching SE course

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## Location and equipment at future Campus

- About 3000 m<sup>2</sup>
  - 20 rooms for professors
  - 10 rooms for assistants
  - 3 rooms for secretary and head of the Department
  - 1 room for meetings
  - 2 computer classrooms
  - 8 laboratories
  - Classrooms for 100, 150, 200 students (shared with other departments of UNIRI)







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Course name	rse name ECTS Hours Con				
	2	2	CORE		
Foregin Language 1 (English)	4	2	CORE		
Physical Education 1	1	2	CORE		
Mathematics 1	5	4	CORE		
Physics 1	4	4	CORE		
Fundamentals of Informatics 1	5	4	CORE		
Programming 1	6	4	CORE		
Fundamentals of Digital Technique	5	4	CORE		
Foregin Language 2 (English)	4	2	CORE		
Physical Education 2	1	2	CORE		
Mathematics 2	5	4	CORE		
Physics 2	4	4	CORE		
Fundamentals of Informatics 2	5	4	CORE		
Programming 2	5	4	CORE		
Computer Architecture and Organization	4	4	CORE		
Total Year 1	60				

Course name	ECTS	Hours	Core
Foregin Language 3 (English)	2	2	CORE
Physical Education 3	1	2	CORE
Mathematics 3	4	4	CORE
Combinatorics	5	4	
Computer Networks 1	5	4	CORE
Operating Systems 1	4	4	CORE
Introduction to Database	5	4	CORE
Information Systems	4	4	CORE
Foregin Language 4 (English)	2	2	CORE
Physical Education 4	1	2	CORE
Discrete Mathematics	5	4	CORE
System Theory	4	4	CORE
Computer Networks 2	5	4	CORE
Operating Systems 2	4	4	CORE
Database	4	4	CORE
Alghorithms and data structures	5	4	CORE

Course name	ECTS	Hours	Core
Numerical Mathematics	5	4	CORE
Dynamic Web Application 1	5	4	CORE
Object Oriented Programming	5	4	CORE
Process Modeling	5	4	CORE
Formal Languages and Compilers 1	5	4	CORE
Probability and Statistics	5	4	CORE
Dynamic Web Application 2	4	4	CORE
Object Oriented Modeling	5	4	CORE
Multimedia Systems	4	4	CORE
Data Modeling	5	4	CORE
Final Exam	2	-	CORE
Elective segment	10		ELECTIVE
Total Year 2	60		
Computer Graphics	5	4	1
Information Theory	5	4	
Software Engineering	5	4	

Master of Informatics: 1 <sup>st</sup> Yea	Master of Informatics: 1 <sup>st</sup> Year of Study (or 4 <sup>th</sup> Year)			
Course name	ECTS	Hours	Core	
Intelligent Systems 1	6	4	CORE	
Operations Research 1	6	4	CORE	
Program Bl				
Software Engineering	6	4	CORE	
Business Economics	6	4	CORE	
Elective Course (ICS program)	6	4	ELECTIVE	
Program ICS				
Distributed Systems	6	4	CORE	
Object-Oriented Programming Languages	6	4	CORE	
Elective Course (BI program)	6	4	ELECTIVE	
Intelligent Systems 2	6	4	CORE	
Operations Research 2	6	4	CORE	
Program Bl				
Selected Topics in Databases	6	4	CORE	
Electronic Commerce	6	4	CORE	
Elective Course (ICS program)	6	4	ELECTIVE	
Program ICS				
Multimedia and Hypermedia Systems	6	4	CORE	
Digital Signal Processing	6	4	CORE	
Elective Course (BI program)	6	4	ELECTIVE	

Course name	ECTS	Hours	Core
Communication Skills	2	2	CORE
Master's Thesis Seminar	4	2	CORE
Program Bl			
Management and Leadership	6	4	CORE
Information Technology Project	6	4	CORE
Management OR *			
Organization's Information System			
Elective Course (ICS program)	6	4	ELECTIVE
Elective Course	6	4	ELECTIVE
Program ICS			
Network Systems Management	6	4	CORE
Human-Machine Communication	6	4	CORE
Knowledge Discovery and Data Mining OR	6	4	ELECTIVE
Knowledge Management			
Elective Course	6	4	ELECTIVE
Information Technology and Society	5	4	CORE
Thesis	10		CORE

Course name	ECTS	Hours	Core
Program Bl			
Strategic Planning of Information Systems	5	4	CORE
Logistics	5	4	CORE
Elective Course (ICS program) OR *	5	4	ELECTIVE
Elective Course (EF, TF, MF)			
Program ICS	1		
Decision Support Systems	5	4	CORE
Natural Language Processing OR *	5	4	CORE
e-learning			
Elective Course (BI program) OR Elective	5	4	ELECTIVE
Course (EF, TF, PF)			
EF - Faculty of Economics TF - Faculty of Engineering			



















Contents of the lecture			
Question	Our rank	Optimum rank	
1. Amount of knowledge offered (too few=1, too much=5)	3,2	3	
2. Contents of the lecture (too easy=1, too difficult=5)	3,1	3	
3. Course well-structured (unstructured=1, very well=5)	3,8	5	
4. Any pre-knowledge needed (few=1, much=5)	3,7	3	
5. Slides in English language (no problem=1, big problem=5)	1,7	1	

Style of the lecture		
Question	Our rank	Opti- mum
1. Lecturer familiar with the contents (not so much=1, very well=5)	4,9	5
2. Lectures well prepared (not so much=1, very well=5)	4,4	5
3. Lecturer engaged (not so much=1, very well=5)	4,7	5
<ol> <li>Lecturer willing to answer questions (not so much=1, very well=5)</li> </ol>	4,9	5
5. Presentation of the lecture (too slow=1, too fast=5)	3,2	3
6. Presentation style encourages to follow the lecture (not so much=1, very well=5)	3,6	5

Question	Our rank	Opt mur
1. Adequate amount of information on the slides (not so much=1, very well=5)	3,3	5
2. Well-structured and clearly arranged slides (not so much=1, very well=5)	3,5	5
3. To get keywords only after lectures (no problem=1, big problem=5)	2,6	1

Benefit of the lecture	Benefit of the lecture			
Question	Our rank	Opti- mum		
1. A lot of new things learned (not so much=1, much=5)	3,2	5		
2. Contents of the lecture is useful (not so much=1, completely =5)	3,7	5		
3. Important to you that the course is internationally supported and recognized (not so much=1, much=5)	3,2	5		
4. Your overall ranking of the lecture (bad=1, very well=5)	4	5		



