Course Title	Computer Science Topics Research Seminar				
Course Code	CSC710				
Course Type	Compulsory				
Level	Doctorate (3rd Cycle)				
Year / Semester	1st year, 1st semester				
Teacher's Name	TBA				
ECTS	10	Lectures / week	3 hours / 14 weeks	Laboratories / week	N/A
Course Purpose and Objectives	The objective of the course will be to introduce students to the varied research that takes place in the field of Computer Science as well as in affiliated fields and sciences that apply research results from Computer Science to produce original research.				
Learning Outcomes	Upon successful completion of this course students should be able to: • Discuss current research results results in the field of Computer Science • Analyze a Computer Science presentation and extract findings that are relevant to their research • Provide written analyses of presentations given at seminars and extract findings that are relevant to their research • Produce a research paper and an appropriate presentation for it • Present a Computer Science topic in a wide audience				
Prerequisites	None	Co-requisites	None		
Course Content	This course will focus on the "state of the art" research in Computer Science. The topics will cover all relevant areas of Computer Science core topics, as well as topics that may be affiliated to Computer Science, such as Human-Computer Interaction, Game Studies, Cognitive Science. Also, topics from other sciences and engineering fields will be discussed that exploit computer science toolsand methods, such as Physics, Biology and Neuroscience. Students will be reading both published and "working papers" on these topics and will attend seminars and research workshops on these				

<table>
<tr><td></td><td>topics. In the conclusion of the course, students will be expected to write an original research paper in one of these topics.</td></tr>
<tr><td>Teaching Methodology</td><td>Face-to-face</td></tr>
<tr><td>Bibliography</td><td>Zobel J., Writing for computer science, Springer

Articles from journals in the field of Computer Science and Sciences.</td></tr>
<tr><td>Assessment</td><td><table><tr><td>Class Participation and Attendance (of seminar talks)</td><td>10%</td></tr><tr><td>Project</td><td>90%</td></tr><tr><td>Total</td><td>100%</td></tr></table></td></tr>
<tr><td>Language</td><td>English</td></tr>
</table>