

**FACULTY OF INFORMATICS (FIRST YEAR)**

Second semester		
	Title of the subject	Credits
		ECTS
1	Object-Oriented Programming	6
2	Calculus 2	6
3	Architecture of the CS	6
4.	Web design	5
5.	Practical classes	2
<i>Elective subject from the offered electives from a university list of electives</i>		
		5
	<b>Total</b>	<b>30</b>

Literature	
Subject	Literature
Object-Oriented Programming	<b><i>How to use Objects</i></b> , Holger Gast, Addison Wisley, 2016 <b><i>Problem Solving with C++</i></b> , Walter Savitch, Pearson, 2018
Calculus 2	<b><i>Calculus &amp; Its Applications, 14th Edition</i></b> , L. J. Goldstein, D. C. Lay, D. I. Schneider, N. H. Asmar, Pearson, 2018 <b>Linear algebra</b> , Sh. Exceler, Prosvetno delo, 2009, Senior Mathematics Book III, IV, B. Trpenovski, N. Celakoski, G. Čupona, Prosvetno delo, 2006
Architecture of the CS	<b><i>Computer Organization and Design, Paterson, Hennessy, Morgan Kaufmann, 2011</i></b>
Web design	<b><i>Internet and World Wide Web How To Program, 5th Edition</i></b> , (Harvey & Paul) Deitel & Associates, Pearson, 2012