

FRIDAY		8:30 – 10:00	10:15 – 11:00	11:15 – 12:00
1	Sep 20	course overview	discover development tools	assess your programming skills
2	Sep 27	programming paradigms – a refresher course	basic object-oriented and functional programming exercises	
3	Oct 04	programming methodology and tools	programming methodology and tools exercises	
4	Oct 11	modularity, unit testing and separation of concerns	separation of concerns remote invocations and transactions	
5	Oct 18	modularity and unit testing exercises	remote invocations and transactions exercises	
6	Oct 25	separation of concerns persistence and object-relational mapping	object-relational mapping exercises	
7	Nov 01	basics of web applications	web application exercises	
8	Nov 08	THEMATIC WEEK		
9	Nov 15	asynchronous interactions	asynchronous interactions exercises	
10	Nov 22	basics of web services services and micro-services	web services and micro-services exercises	
11	Nov 29	basics of distributed trust with blockchains	blockchain exercises	
12	Dec 06	basics of mobile applications	mobile application exercises	
13	Dec 13	cloud computing– virtualization and devops	virtualized services exercises	
14	Dec 20	cloud computing – containerized services and clustering	containerized services and clustering exercises	