Department of Computer Science and Engineering

Graduate in Complementary
Studies in Applied Informatics

Option: Java Development for the Enterprise

Unit	Code	Course	Sem.	P-T	Dept.	Lecturer in Charge	A	B	C	D	E
		GENERAL COURSES									
1	8001	POJOs: Plain Old Java Objects	1	1	CSE02	Chris Richardson	37.5	22.5		**180**	**6**
2	8002	Java Development with ANT	2	1	CSE02	Eric Hatcher	22.5	7.5		**90**	**3**
3	8003	Java Development with XDoclet	2	1	CSE02	Craig Walls	22.5	7.5		**90**	**3**
		CLUSTERS									
4		Integrated Development Environments; one course from the following list:								**90**	**3**
	8010	Eclipse	1	2	CSE02	David Gallardo	15	15		90	3
	8011	IntelliJ IDEA	1	2	CSE02	Duane K. Fields	15	15		90	3
5		Implementing the Database Layer; two courses from the following list:								**240**	**8**
	8020	Implementing the database layer with Hibernate	1	1	CSE02	Christian Bauer	37.5	22.5		120	4
	8021	Implementing the database layer with JDO	1	1	CSE02	N.N.	37.5	22.5		120	4
	8022	Implementing the database layer with EJB Entity Beans	1	1	CSE02	Ben Sullins	37.5	22.5		120	4
6		Implementing the Business Layer; two courses from the following list:								**240**	**8**
	8030	Java Servlet based Technology	2	1	CSE02	Alan Williamson	37.5	22.5		120	4
	8031	The Spring Framework	2	1	CSE02	Craig Walls	37.5	22.5		120	4
	8032	AOP with AspectJ	2	1	CSE02	Ramnivas Laddad	37.5	22.5		120	4

				P-T			Sem.				
	8033	Java Rule-based Systems with JESS	2	1	CSE02	Ernest Friedman-Hill	37.5	22.5		120	4
7	Web FrameWorks; a total amount of 9 credits by combining two or three of the following courses:									**270**	**9**
	8040	The Webwork Framework	2	2	CSE02	Patrick Lightbody	15	15		90	3
	8041	The Tapestry Framework	2	2	CSE02	Howard Lewis Ship	15	15		90	3
	8042	Struts	2	2	CSE02	Ted Husted	15	15		90	3
	8043	Java Server Faces	2	2	CSE02	Kito Mann	30	30		180	6
	ELECTIVE COURSES										
8	Subject to the Faculty's approval; courses to be chosen from the study programs of the Technological University of Foobar or one course from this list:									**150**	**5**
	8050	Version Control with Subversion	1	2	CSE02	Jeffrey Machols	30.0	22.5		150	5
	8051	Unit Testing with JUnit	1	2	CSE02	Ted Husted	30.0	22.5		150	5
	8052	Lucene	1	2	CSE02	Erik Hatcher	30.0	22.5		150	5
	DISSERTATION										
9	N/A	A list of possible dissertation titles is distributed yearly.	Y	2					40	**450**	**15**

Sem.: 1 = first semester, 2 = second semester, Y = annual course

P-T = courses can be taken on a part-time basis, 1 = first part, 2 = second part