FALL SEMESTER 2251

Course No.	Course Name	Credits	ECTS
YEAR 1			
GCIS-123	Software Development and Problem Solving I	4	6
ISTE-140	Web & Mobile I	3	6
ISTE-144	Design for Developers	3	6
MATH-131	Discrete Mathematics	4	5
PHIL-103	Critical Thinking	3	5
YOPS-10	RIT 365: RIT Connections	0	0

Course No.	Course Name	Credits	ECTS
YEAR 2			
ISTE-222	Applied Data Structures and Algorithms	3	6
ISTE-260	Designing the User Experience	3	5
ISTE-340	Client Programming	3	6
UWRT-150	FYW: Writing Seminar	3	5
ISTE-099	Second Year Seminar	0	0
CHOOSE 1 LANGUAGE COURSE BELOW:			
MLFR-201	Beginning French I	4	5
MLGR-201	Beginning German I	4	5
MLIT-201	Beginning Italian I	4	5
MLSP-201	Beginning Spanish I	4	5

Course No.	Course Name	Credits	ECTS
YEAR 3			
ISTE-341	Server Programming	3	6
ISTE-422	Application Development Practices	3	6
PSYC-101	Introduction to Psychology	3	5
ENGL-210	Literature and Cultural Studies	3	5

CHOOSE 1 OF THE FOLLOWING OPTIONS:
OPTION 1: LANGUAGE IMMERSION (MUST)

MLFR-301	Intermediate French I	3	4
MLGR-301	Intermediate German I	3	4
MLIT-301	Intermediate Italian I	3	4
MLSP-301	Intermediate Spanish I	3	4

OPTION 2: ONLY IF NOT COMPLETING A LANGUAGE IMMERSION

ISTE-358	Foundations of Wearable & Ubiquitous Computing (Free Elective)	3	6

Course No.	Course Name	Credits	ECTS
YEAR 4			
ISTE-454	Concentration Mobile 1: Mobile Applications Development I	3	6
ISTE-500	Senior Development Project I	3	6
ENVS-151	Scientific Inquiries in Environmental Science	4	5
PSYC-223	Cognitive Psychology(Mandatory for Psychology Immersion)	3	5

CHOOSE 1 OF THE FOLLOWING OPTIONS AS A FREE ELECTIVE:

ANTH-328	Heritage and Tourism	3	5
OR			
ANTH-210	Culture and Globalization	3	5
OR			
ISTE-438	Contemporary Databases	3	6

WMC CONCENTRATIONS (NEED BOTH FOR GRADUATION):

WEB APPLICATION DEVELOPMENT (JUNIOR YEAR)		Credit	ECTS
ISTE-442	Secure Web Application Development	3	6
ISTE-444	Web Server Development and Administration	3	6

MOBILE APPLICATION DEVELOPMENT (SENIOR YEAR)		Credits	ECTS
ISTE-454	Mobile Application Development I	3	6
ISTE-456	Mobile Application Development II	3	6

SPRING SEMESTER 2255

Course No.	Course Name	Credits	ECTS
YEAR 1			
GCIS-124	Software Development and Problem Solving II	4	6
ISTE-240	Web & Mobile II	3	6
ISTE-230	Introduction to Database and Data Modeling	3	6
MATH-161	Applied Calculus	4	5
UWRT-100	Critical Reading and Writing	3	5

Course No.	Course Name	Credits	ECTS
YEAR 2			
ISTE-252	Foundations of Mobile Design	3	5
ISTE-330	Database Connectivity and Access	3	6
NSSA-290	Networking Essentials for Developers	3	5
SWEN-383	Software Design Principles and Patterns	3	6
CHOOSE 1 LANGUAGE COURSE BELOW:			
MLFR-202	Beginning French II	4	5
MLGR-202	Beginning German II	4	5
MLIT-202	Beginning Italian II	4	5
MLSP-202	Beginning Spanish II	4	5
Summer 2258:			
ISTE-499	COOP 1	0	12

Course No.	Course Name	Credits	ECTS
YEAR 3			
ISTE-442	Concentration Web 1: Secure Web Application Development	3	6
ISTE-444	Concentration Web 2: Web Server Development and Administration	3	6
ENVS-150	Ecology of the Dalmatian Coast	4	5
PHIL-202	Foundations of Moral Philosophy	3	5

CHOOSE 1 OF THE FOLLOWING OPTIONS:
OPTION 1: LANGUAGE IMMERSION (MUST)

MLFR-302	Intermediate French II	3	4
MLGR-302	Intermediate German II	3	4
MLIT-302	Intermediate Italian II	3	4
MLSP-302	Intermediate Spanish II	3	4

OPTION 2: PSYCHOLOGY IMMERSION (MUST)

PSYC-225	Social Psychology	3	5
Summer 2258:			
ISTE-499	COOP 2	0	12

Course No.	Course Name	Credits	ECTS
YEAR 4			
ISTE-456	Concentration Mobile 2: Mobile Applications Development II	3	6
ISTE-501	Senior Development Project II	3	6
PHIL-202	Foundations of Moral Philosophy	3	5
PSYC-221	Psychological Disorders (Mandatory for Psychology Immersion)	3	5

CHOOSE 1 OF THE FOLLOWING OPTIONS:

ISTE-432	Database Application Development	3	6
OR			
ISTE-470	Data Mining and Exploration	3	6
OR			
PHIL-311	East Asian Philosophy	3	5
OR			
SOCI-230	Sociology of Work	3	5
OR			
COMM-201	Public Speaking	3	5