## FALL SEMESTER 2251

| Course No. | Course Name | Credits | ECTS |
|---|---|---|---|
| **YEAR 1** | | | |
| GCIS-123 | Software Development and Problem Solving I | 4 | 6 |
| ISTE-140 | Web and Mobile I | 3 | 6 |
| ISTE-144 | Design for Developers | 3 | 6 |
| MATH-131 | Discrete Mathematics | 4 | 5 |
| UWRT-100 | Critical Reading and Writing | 3 | 5 |
| YOPS-010 | 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 |
| SOCI-102 | Foundations of Sociology | 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 |
| ENGL-210 | Literature and Cultural Studies | 3 | 5 |
| FREE | Free Elective (Choose any course) | 3 | 5 |
| **CHOOSE 1 IMMERSION COURSE BELOW:** | | | |
| **Language Immersion:** | | | |
| 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 |
| **Cultural Anthropology Immersion:** | | | |
| ANTH-210 | Culture and Globalization | 3 | 5 |

| Course No. | Course Name | Credits | ECTS |
|---|---|---|---|
| **YEAR 4** | | | |
| ISTE-454 | Concentration Mobile 1: Mobile Application Development I | 3 | 6 |
| ISTE-500 | Senior Development Project I | 3 | 6 |
| ANTH-210 | Culture and Globalization | 3 | 5 |
| ENVS-151 | Scientific Inquiries in Environmental Science | 4 | 5 |
| FREE* | Free Elective (Choose any course) | 3 | 6 |

*The following course may be used to satisfy this requirement:

| | | | |
|---|---|---|---|
| HIST-370 | Global History of Religions | 3 | 5 |

**WMC Concentrations (need both for graduation):**
**Mobile Application Development**

| | | | |
|---|---|---|---|
| ISTE-454 | Mobile Application Development I | 3 | 6 |
| ISTE-456 | Mobile Application Development II | 3 | 6 |

**Web Application Development**

| | | | |
|---|---|---|---|
| ISTE-442 | Secure Web Application Development | 3 | 6 |
| ISTE-444 | Web Server Development And Administration | 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 and Mobile II | 3 | 6 |
| ISTE-230 | Introduction to Database and Data Modeling | 3 | 6 |
| MATH-161 | Applied Calculus | 4 | 5 |
| UWRT-150 | Writing Seminar | 3 | 5 |

| Course No. | Course Name | Credits | ECTS |
|---|---|---|---|
| **YEAR 2** | | | |
| NSSA-290 | Networking Essentials for Developers | 3 | 5 |
| ISTE-252 | Foundations of Mobile Design | 3 | 5 |
| ISTE-330 | Database Connectivity and Access | 3 | 6 |
| 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 2248:** | | | |
| 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 IMMERSION COURSE BELOW:** | | | |
| **Language Immersion:** | | | |
| 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 |
| **Cultural Anthropology Immersion:** | | | |
| ANTH-380 | Nationalism and Identity | 3 | 5 |
| **SUMMER 2248:** | | | |
| ISTE-499 | COOP 2 | 0 | 12 |

| Course No. | Course Name | Credits | ECTS |
|---|---|---|---|
| **YEAR 4** | | | |
| ISTE-456 | Concentration Mobile 2: Mobile Application Development II | 3 | 6 |
| ISTE-501 | Senior Development Project II | 3 | 6 |
| MGMT-340 | Business Ethics | 3 | 6 |
| FREE* | Free Elective (Choose any course) | 3 | 6 |
| FREE* | Free Elective (Choose any course) | 3 | 6 |

*The following course may be used to satisfy this requirement:

| | | | |
|---|---|---|---|
| ANTH-328 | Heritage and Tourism | 3 | 5 |
| OR | | | |
| ANTH-489 | ecial Topics: Japanese Thought, Culture & Soc | 3 | 5 |