

FALL SEMESTER 2241

| 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 |

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| YEAR 2 | | | |
| NSSA-290 | Networking Essentials for Developers | 3 | 5 |
| ISTE-222 | Applied Data Structures and Algorithms | 3 | 6 |
| ISTE-260 | Designing the User Experience | 3 | 5 |
| UWRT-150 | FYW: Writing Seminar | 3 | 5 |
| ISTE-099 | Second Year Seminar | 0 | 0 |

CHOOSE 1 LANGUAGE COURSE BELOW:

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|----------|---------------------|---|---|
| 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 |

| 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)

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|----------|------------------------|---|---|
| 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

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| ISTE-358 | Foundations of Wearable & Ubiquitous Computing (Free Elective) | 3 | 6 |
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| YEAR 4 | | | |
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| 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-236 | Personality | 3 | 5 |

CHOOSE 1 OF THE FOLLOWING OPTIONS:

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| ANTH-328 | Heritage and Tourism | 3 | 5 |
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OR

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| ANTH-210 | Culture and Globalization | 3 | 5 |
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OR

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| FREE | Free Elective (choose any course) | 3 | 5 |
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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 2245

| 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 |

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| YEAR 2 | | | |
| SWEN-383 | Software Design Principles and Patterns | 3 | 6 |
| ISTE-252 | Foundations of Mobile Design | 3 | 5 |
| ISTE-330 | Database Connectivity and Access | 3 | 6 |
| ISTE-340 | Client Programming | 3 | 6 |

CHOOSE 1 LANGUAGE COURSE BELOW:

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| 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:

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| ISTE-499 | COOP 1 | 0 | 12 |
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| YEAR 3 | | | |
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| 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-449 | Topics in Philosophy | 3 | 5 |

CHOOSE 1 OF THE FOLLOWING OPTIONS:

OPTION 1: LANGUAGE IMMERSION (MUST)

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| 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)

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| PSYC-239 | Positive Psychology | 3 | 5 |
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Summer 2248:

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| ISTE-499 | COOP 2 | 0 | 12 |
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| YEAR 4 | | | |
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| ISTE-456 | Concentration Mobile 2: Mobile Applications Development II | 3 | 6 |
| ISTE-501 | Senior Development Project II | 3 | 6 |
| PHIL-449 | Topics in Philosophy | 3 | 5 |
| PSYC-234 | Industrial and Organizational Psychology | 3 | 5 |

CHOOSE 1 OF THE FOLLOWING OPTIONS:

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| PHIL-311 | East Asian Philosophy | 3 | 5 |
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OR

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| ISTE-470 | Data Mining and Exploration | 3 | 6 |
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OR

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| SOCI-230 | Sociology of Work | 3 | 5 |
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OR

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| ISTE-432 | Database Application Development | 3 | 6 |
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