Table A: Mobile Application Development (MAPDD-AAS) AY 2022-2023
*Calendar Type:* Semester

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| **Term: Fall 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NCAR-010 Freshman Seminar | 0 |  | 0 |  |  |  |
| General Education - Elective\* | 3 | 3 |  |  |  |  |
| NACA-172 Website Development\*\* | 3 |  | 3 |  |  |  |
| NMAD-180 Programming Fundamentals I: Mobile Domain | 4 |  | 4 |  |  |  |
| NMAD-155 Survey of Emerging Visual Design | 3 |  | 3 |  |  |  |
| **Term Credit Total:** | 13 | 3 | 10 | 0 |  |  |

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| **Term: Spring 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| General Education – First-Year Writing: UWRT-150 FYW: Writing Seminar (WI) | 3 | 3 |  |  |  |  |
| General Education – Elective: NMTH-275 Advanced Mathematics | 3 | 3 |  |  |  | NMTH-212 or eq. with a C- or better, or math placement score greater than or equal to 40 |
| NMAD-181 Programming Fundamentals II: Mobile Domain | 4 |  | 4 |  |  | NMAD-180 |
| NMAD-182 Software Analysis and Design | 3 |  | 3 |  |  | NMAD-180 |
| NMAD-250 Mobile User Experience | 3 |  | 3 |  |  | NMAD-155 |
| **Term Credit Total:** | 16 | 6 | 10 | 0 |  |  |

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| **Term: Summer 1** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| None |  |  |  |  |  |  |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

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| **Term: Fall 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NMAD-260 Mobile App Development I | 4 |  | 4 |  |  | NMAD-181; NMAD-182 |
| ISTE-230 Introduction to Database and Data Modeling | 3 |  | 3 |  |  | ISTE-120 or ISTE-200 or IGME-101 or IGME-105 or CSCI-140 or CSCI-142 or NACA-161 or NMAD-180 or eq  |
| NMAD-252 Mobile User Interfaces | 3 |  | 3 |  |  | NMAD-250 |
| NACT-240 The World of Work | 3 |  | 3 |  |  |  |
| General Education - Ethical Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 16 | 3 | 13 | 0 |  |  |

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| **Term: Spring 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NMAD-261 Mobile App Development II | 4 |  | 4 |  |  | NMAD-260 |
| ISTE-240 Web & Mobile II | 3 |  | 3 |  |  | (ISTE-120 or CSCI-140 or CSCI-141 or NACA-161 or IGME-105 or IGME-101 or NMAD-180) and (ISTE-140 or NACA-172\*\* or IGME-230) or equivalent course |
| NMAD-262 Web Services and Data Storage Technologies | 3 |  | 3 |  |  | NMAD-260 |
| General Education - Scientific Principles Perspective | 3 | 3 |  |  |  |  |
| General Education - Social Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 16 | 6 | 10 | 0 |  |  |

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| **Term: Summer 2** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NMAD-299 Mobile Application Development Co-op |  |  | 0 |  |  | NACT-240, NMAD-261, NMAD-262 |
| **Term Credit Total:** | 0 | 0 | 0 | 0 |  |  |

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| **Term: Fall 3** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NBUS-225 Introduction to Entrepreneurship | 3 |  | 3 |  |  |  |
| Open Elective\* | 3 |  |  | 3 |  |  |
| General Education - Artistic Perspective\* | 3 | 3 |  |  |  |  |
| NMAD-290 Mobile Applications Development Capstone Projects | 3 |  | 3 |  |  | NMAD-261, NMAD-262 |
| General Education - Global Perspective\* | 3 | 3 |  |  |  |  |
| **Term Credit Total:** | 15 | 6 | 6 | 3 |  |  |

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|  | **Total Credits (CR)** | **General Education (GE)** | **Major(MAJ)** | **Electives & Other****(OPEN)** |
| **Program Totals** | **76** | **24** | **49** | **3** |

***Notes:***

1. All students pursuing an Associate’s degree are also required to complete one Wellness course.

\* An ASL-Deaf Cultural Studies (AASASLDCS) course is required for graduation. It can be taken in any semester and can be taken at NTID or another college of RIT. In order to fulfill this requirement as part of the 76 credits in the program, it must be a course approved for *both* AASASLDCS *and* a General Education - Perspective or General Education - Elective.

\*\*NACA-172 and ISTE-140 are equivalents

**Change Log**

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| --- | --- |
| **Effective Term** | **Curriculum Modification(s)** |
| 2221 |  |
| 2211 | New addition to the table; 10-30-20bpt |
| Older | 5-7-15ph; 4-17-17mg; 5-30-17fxk; 8-23-17del; 9-29-17del(NCC edits); 10-3-17fxk(Free Elec\*); 10-16-17(effective term); 9-26-18dl; 2-28-2019dl(NBUS-225) |