**STUDENT INFORMATION**

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| **Name:**       | **NAU ID:**        |
| **NAU E-mail Address:**        | **Phone Number:**       |
| **Term of Admission:**         | **Expected Graduation Term/Year:**        |
| **Advisor:**       | **Required Credits for Degree Program: 30** |

# **Required Courses (12 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| CIT 500 | Introduction to Graduate Studies and Research |       |       |       | 3 |       |       |
| CIT 501 | Research Methods in Information Technology |       |       |       | 3 |       |       |
| CIT 502 | Organizational Impacts of Information Technology |       |       |       | 3 |       |       |
| CIT 503 | Innovations and Globalizations Using Information Technology |       |       |       | 3 |       |       |

**II. Emphasis Requirement (18 units required):** Choose one emphasis from Project Management, Information Security and Assurance, Mobile and Web Applications Development, or Data Analytics.

**A.** **Project Management Emphasis option (18 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| CIT 610 | Principles of Information Technology Project Management |       |       |       | 3 |       |       |
| CIT 611 | Project Planning and Scheduling |       |       |       | 3 |       |       |
| CIT 612 | Project Communications, Leadership, & Stakeholder Management |       |       |       | 3 |       |       |
| CIT 613 | Project Risk and Cost Management |       |       |       | 3 |       |       |
| CIT 614 | Project Procurement, Change Control, Quality Assurance, & Project Closure  |       |       |       | 3 |       |       |
| CIT 691 | Masters Project for Project Management |       |       |       | 3 |       |       |

**B. Information Security and Assurance Emphasis option (18 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| CIT 620 | Information Security and Assurance Fundamentals  |       |       |       | 3 |       |       |
| CIT 621 | Cybersecurity Policy, Cyberethics, & Compliance |       |       |       | 3 |       |       |
| CIT 622 | Cybersecurity and Risk Management |       |       |       | 3 |       |       |
| CIT 623 | Fundamentals of Digital Forensic and Crime Investigation |       |       |       | 3 |       |       |
| CIT 624 | Information Security Design, Infrastructure, & Administration |       |       |       | 3 |       |       |
| CIT 692 | Information Security & Assurance Applied Project Capstone |       |       |       | 3 |       |       |

**C. Mobile and Web Applications Development Emphasis option (18 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| CIT 630 | Principles of Mobile and Web App Development |       |       |       | 3 |       |       |
| CIT 631 | Web Applications Programming Foundations |       |       |       | 3 |       |       |
| CIT 632 | Programming and Scripting Languages for Web Applications |       |       |       | 3 |       |       |
| CIT 633 | Android Mobile Application Development |       |       |       | 3 |       |       |
| CIT 634 | iOS Mobil Application Development |       |       |       | 3 |       |       |
| CIT 693 | Mobile and Web Applications Development Master’s Project |       |       |       | 3 |       |       |

**D. Data Analytics Emphasis option (18 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| CIT 640 | Data Analytics |       |       |       | 3 |       |       |
| CIT 641 | Advanced Database |       |       |       | 3 |       |       |
| CIT 642 | Big Data |       |       |       | 3 |       |       |
| CIT 643 | Data Visualization |       |       |       | 3 |       |       |
| CIT 644 | Data Mining |       |       |       | 3 |       |       |
| CIT 694 | Big Data Analytics Master’s Project |       |       |       | 3 |       |       |

**ADDITIONAL INFORMATION**

Some courses may have prerequisites. For prerequisite information, click on the course or see your advisor.

This Program of Study documents your progress on your academic requirements for the degree and catalog year listed above. For Department of Defense-related requirements, it serves as the evaluated and approved educational plan.

In addition to all University and Office of Graduate & Professional Studies (OGPS) policies, procedures, and requirements, graduate students must also adhere to the academic requirements, policies, procedures, and criteria outlined by their program’s Graduate Student Handbook.

**Students:** You must secure official approval by your advisor and Department Chair/Director before submitting your final Program of Study for graduation.By signing or entering your name below, you agree to the following statement:

 *“Students are responsible for complete knowledge of Academic Catalog requirements in their degree plan for their catalog year and adhering to all policies in the Academic Catalog.”*

**Advisors and Chairs/Directors:** Please indicate approval of the curriculum on the Program of Study by placing your signature (formal digital signatures are permitted) in the space provided. Plain text typed signatures will not be accepted.

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| **Student:**       | **Date:**       |
| **Advisor:**       | **Date:**       |
| **Chair:**       | **Date:**       |

**\*\*Transfer/Previous Graduate Degree/Internal Transfer/Accelerated (T/P/I/A)** – Must have Advisor approval

Transfer T = Course transferred from another university

Previous Graduate Degree P = Course taken at NAU from previous graduate degree

Internal Transfer I = Graduate-level course taken as undergraduate; Not applied to undergraduate degree

Accelerated Program “Dual-use” A = Courses completed during the undergraduate career and used to satisfy both the Bachelor’s and Master’s degree requirements. ONLY for designated Accelerated students.