**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 |  |  |  |  |  |  |
| CIT 501 | Research Methods in Information Technology |  |  |  |  |  |  |
| CIT 502 | Organizational Impacts of Information Technology |  |  |  |  |  |  |
| CIT 503 | Innovations and Globalizations Using Information Technology |  |  |  |  |  |  |

**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 |  |  |  |  |  |  |
| CIT 611 | Project Planning and Scheduling |  |  |  |  |  |  |
| CIT 612 | Project Communications, Leadership, & Stakeholder Management |  |  |  |  |  |  |
| CIT 613 | Project Risk and Cost Management |  |  |  |  |  |  |
| CIT 614 | Project Procurement, Change Control, Quality Assurance, & Project Closure |  |  |  |  |  |  |
| CIT 691 | Masters Project for Project Management |  |  |  |  |  |  |

**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 |  |  |  |  |  |  |
| CIT 621 | Cybersecurity Policy, Cyberethics, & Compliance |  |  |  |  |  |  |
| CIT 622 | Cybersecurity and Risk Management |  |  |  |  |  |  |
| CIT 623 | Fundamentals of Digital Forensic and Crime Investigation |  |  |  |  |  |  |
| CIT 624 | Information Security Design, Infrastructure, & Administration |  |  |  |  |  |  |
| CIT 692 | Information Security & Assurance Applied Project Capstone |  |  |  |  |  |  |

**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 |  |  |  |  |  |  |
| CIT 631 | Web Applications Programming Foundations |  |  |  |  |  |  |
| CIT 632 | Programming and Scripting Languages for Web Applications |  |  |  |  |  |  |
| CIT 633 | Android Mobile Application Development |  |  |  |  |  |  |
| CIT 634 | iOS Mobil Application Development |  |  |  |  |  |  |
| CIT 693 | Mobile and Web Applications Development Master’s Project |  |  |  |  |  |  |

**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 |  |  |  |  |  |  |
| CIT 641 | Advanced Database |  |  |  |  |  |  |
| CIT 642 | Big Data |  |  |  |  |  |  |
| CIT 643 | Data Visualization |  |  |  |  |  |  |
| CIT 644 | Data Mining |  |  |  |  |  |  |
| CIT 694 | Big Data Analytics Master’s Project |  |  |  |  |  |  |

**ADDITIONAL INFORMATION**

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.

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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.