**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: 37** |

I. **Required Courses (13 units required)**

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| **Course** | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| MAT 511 | Abstract Algebra I |  |  |  |  |  |  |
| MAT 516 | Linear Algebra |  |  |  |  |  |  |
| MAT 531 | Real Analysis |  |  |  |  |  |  |
| MAT 554 | Python for Mathematics and Statistics |  |  |  |  |  |  |
| MAT 555 | Computer-assisted Mathematics |  |  |  |  |  |  |
| MAT 587 | Professional Development Seminar |  |  |  |  |  |  |

**II. Thesis Option (24 units required)**

* **MAT 699 – Thesis (6 units required):** Please note that you may end up taking more than the 6 units you can count toward your degree because you must register for it each semester you are working on your thesis.
* **Electives selected in consultation with your advisor from the following list (18 units required):** MAT 526, MAT 535, MAT 563, MAT 612, MAT 632, MAT 641, MAT 661, MAT 665, MAT 667, MAT 685, MAT 690\*, MAT 697, MAT 698, STA 673, and STA 674. (\*MAT 690 is a topics course and may be repeated multiple times with different topics) Substitutions may be allowed by petition to the department's Graduate Operations Committee.

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| **Course** | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**Additional Requirements**

In addition, you must complete the following:

* Have a mathematics faculty member serve as your thesis advisor.
* Get your research committee's approval of your specific thesis plan.
* Perform satisfactorily on an oral defense of the thesis conducted by your research committee.

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.