**STUDENT INFORMATION**

|  |  |
| --- | --- |
| **Name:**       | **NAU ID:**        |
| **NAU E-mail Address:**        | **Phone Number:**       |
| **Term of Admission:**         | **Expected Graduation Term/Year:**        |
| **Advisor:**       | **Required Credits for Degree Program: 60** |

# **Applied Physics and Materials Science Foundations (11 units required):**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| APMS 593 | Workshop |       |       |       |       |       |       |
| APMS 601 | Condensed Matter of Physics of Materials |       |       |       |       |       |       |
| APMS 602 | APMS Methods in Research |       |       |       |       |       |       |
| APMS 609 | Professional Proposal Writing in Applied Sciences |       |       |       |       |       |       |
| APMS 611 | Thermodynamics of Disparate Materials |       |       |       |       |       |       |

**II. Applied Physics and Materials Science Professional Communication (8 units required):** APMS 607, APMS 610, APMS 687, APMS 698, and additional coursework approved in consultation with your advisor

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| APMS 607 | Directed Readings |       |       |       |       |       |       |
| APMS 610 | Fundamentals of Applied Physics and Materials Science Teaching |       |       |       |       |       |       |
| APMS 687 | Professional Development Seminar |       |       |       |       |       |       |
| APMS 698 | Graduate Seminar |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |

**II. Emphasis Requirement (15 units required):** Select One from Applied Physics Emphasis; Material Science Emphasis

* **Option 1: Applied Physics Emphasis-** Select from AMPS 571, APMS 572, PHY 540, PHY 545, PHY 550, PHY 560, PHY 581, INF 639
* **Option 2: Material Science Emphasis-** Select from APMS 618, APMS 619, APMS 620, APMS 621, APMS 624, CHEM 530, CHM 535, CHM 560, CHM 620, CHM 650, INF 639, ME 573, ME 575, ME 599

**Chosen Emphasis:**

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

**III. Graduate Research and Reading for Comprehensive Exam (19 units required)**

* APMS 685 (16 units required)
* APMS 597 (3 units required)

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

**IV. Dissertation (10 units required):** APMS 799

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

**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 Graduate College 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 the final Program of Study.

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 electronic signatures are permitted) in the space provided.

|  |  |
| --- | --- |
| **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