**STUDENT INFORMATION**

|  |  |
| --- | --- |
| **Student’s Name:** | **NAU ID:** |
| **E-mail Address:**      @nau.edu | **Phone Number:** |
| **Enrollment Term:**        (ex. Fall 2015) | **Expected Graduation:**       (ex. Spring 2017) |
| **Advisor:** | |
| **Total Required Credits for this Degree Program:** **90** | |
| **This is the:**  **Initial** (upon admission)  **Final** (submitted with Graduation Application) **Program of Study** | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **\*** | **Course No.** | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Hours** | **Grade** | **T/E/P/I\*\*** |
| 1. **Required Courses (31 units required)** | | | | | | | | |
| \* | AST 510 | Exoplanet Science |  |  |  |  |  |  |
| \* | AST 520 | Astroinformatics: Big Data in Astronomy |  |  |  |  |  |  |
| \* | PHY 530 | Applications of Modern Physics |  |  |  |  |  |  |
| \* | PHY 540 | Electronics and Instrumentation |  |  |  |  |  |  |
| \* | PHY 550 | Computational Physics |  |  |  |  |  |  |
| \* | PHY 560 | Applied Optics |  |  |  |  |  |  |
|  | AST 570 | Astrochemistry |  |  |  |  |  |  |
| \* | AST 580 | Techniques in Observational Astronomy |  |  |  |  |  |  |
| \* | AST 590 | Physics of the Solar System |  |  |  |  |  |  |
| \* | AST 595 | Formation, Evolution of Planets |  |  |  |  |  |  |
| 1. **Dissertation (59 units required)** | | | | | | | | |
| \* | AST 799 | Dissertation |  |  |  |  |  |  |

Student’s Name:       NAU ID:

**ADDITIONAL INFORMATION**

Thirty credit hours of core classes from an MS degree could be applied toward the degree requirements with the approval of the dissertation committee.

You must pass a comprehensive exam in your fifth semester and an oral exam on your dissertation.

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 (electronic signatures are permitted) in the space provided.

|  |  |
| --- | --- |
| **Student:** | **Date:** |
| **Advisor:** | **Date:** |
| **Chair** (required for Final)**:** | **Date:** |

**\*\*Transfer/Equivalent/Previous Graduate Degree** – Must have Advisor approval

Transfer T = Course transferred from another university

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

Equivalent E = Course taken at NAU in place of required course

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

**Transfer Credit Example:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **\*** | **Course No.** | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Hours** | **Grade** | **T/E/P/I\*\*** |
|  | **ABC 123** | **Fundamentals of English** | **ASU 456** | **Fall** | **2012** | **3** | **A** | **T/ASU** |