**STUDENT INFORMATION**

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| **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** | |

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| **\*** | **Course No.** | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Hours** | **Grade** | **T/E/P/I\*\*** |
| 1. **Required Courses (30 units required)** | | | | | | | | |
| \* | AST 510 | Exoplanet Science |  |  |  |  |  |  |
| \* | AST 520 | Astroinformatics: Big Data in Astronomy |  |  |  |  |  |  |
| \* | AST 530 | Topics in Astronomy |  |  |  |  |  |  |
| \* | AST 570 | Astrochemistry |  |  |  |  |  |  |
| \* | PHY 540 | Electronics and Instrumentation  *(Recommended) Pre-req: ABC 123* |  |  |  |  |  |  |
| \* | PHY 550 | Computational Physics |  |  |  |  |  |  |
| \* | PHY 560 | Applied Optics |  |  |  |  |  |  |
| \* | PHY 580 | Techniques in Observational Astronomy |  |  |  |  |  |  |
| \* | PHY 590 | Physics of the Solar System |  |  |  |  |  |  |
| \* | PHY 595 | Formation, Evolution of Planets |  |  |  |  |  |  |
| 1. **Dissertation (60 units required)** | | | | | | | | |
| \* | AST 799 | Dissertation |  |  |  |  |  |  |

Student’s Name:       NAU ID:

**Signatures**

By signing 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.”*

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| **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:**

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| **\*** | **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** |