

# UNIVERSITY CURRICULUM COMMITTEE

## PROPOSAL FOR NEW ACADEMIC PLAN, PLAN CHANGE, OR PLAN DELETION

1. College CENS 2. Academic Unit Physics and Astronomy

3. Academic Plan Name Physics and Astronomy (merged) 4. Subplan (if applicable)? \_\_\_\_\_

5. Effective Date FALL 2006

6. Is this proposal for a  
:  
 New Plan  
 New Subplan  
 Plan Change  
 Subplan Change  
 Plan Deletion  
 Subplan Deletion

7.

**For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the *current* on line academic catalog:**

<http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm>

*Be sure you include all catalog text that pertains to this plan change*

*For New Plans, leave this column blank.*

Major Requirements

Complete the following 54 units:

- AST 280, 301, 301L, 391, and 392 (13 units)
- PHY 161, 161L, 262, 262L, 263, 264, 265, 321, 331, 332, 361, 401, and 471 (35 units)
- PHY 333W, which meets NAU's junior writing requirement (3 units)
- for NAU's senior capstone requirement (3 units):
- 3 units of PHY 498C
- or 1 unit of PHY 498C plus 2 units of PHY 485C

**Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing.**

*(Describe the changed requirements under headings that match those used in the left column. Please be aware that if the units are not totaled correctly, the catalog editor will adjust them accordingly.)*

- AST 280, 301, 301L, **and 391 (10 units)**
- **AST 390 or 392 (3 units)**

8. For undergraduate plans, will this requirement be a student individualized plan\*?  no  yes

\*A Student Individualized Plan is an academic requirement that varies by student, such as the 15-unit BAiLS focus, for which coursework requirements are established by the student in consultation with the advisor.

**If yes**, the academic unit listed at the top of this form hereby takes responsibility for providing complete

information about each student's individual requirements for the degree audit system.

9. For undergraduate plans, will a milestone\*\* be used to:

- a. verify satisfactory completion of a non course requirement.
- b. indicate admission to a major.
- c. will not be used.

\*\*A *Milestone* is used to record noncourse requirements, such as the HRM 800-hour work experience requirement or admission to Business Major status.

**If yes**, the academic unit listed at the top of this form hereby takes responsibility for maintaining the milestone and keeping individual student records up to date.

10. Please list the Learning Outcomes of the Plan/Subplan (see degree major assessment webpage - <http://www4.nau.edu/assessment/main/degree/degree.htm>).

11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.

**Our students have been following this new plan for some time---the department has just been making exceptions on the graduation papers. Making this plan change brings the catalog into congruence with standard practice. Since one of the classes, AST 390 or AST 392, is offered every year, this change makes the plan more flexible.**

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?

13. Will this academic plan/subplan affect other majors, liberal studies course offerings, plans/subplans, curricula, or enrollment at NAU?

If so, attach supporting documentation from the affected departments/units and college dean.

14. Will present library holdings support this academic plan/subplan?

## Certifications

_____	_____
Department Chair/ Unit Head (if appropriate)	Date
_____	_____
Chair of college curriculum committee	Date
_____	_____
Dean of college	Date

## For committee use only

_____	_____
For University Curriculum Committee	Date

Action taken: \_\_\_\_\_ approved as submitted      \_\_\_\_\_ approved as modified

*Note: Submit original to associate provost's office. That office will provide copies to the college dean, department chair, and Academic Information Office after approval.*