I. Minutes from previous meeting – March 24, 2009

II. Consent Items

<table>
<thead>
<tr>
<th>Effective Date/Revised Effective Date</th>
<th>Summary of Changes</th>
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</table>

### A. College of Arts and Letters

#### Change Course

1. **MST 350**  
   MST 350 3 Museum Studies I  
   **Fall 2009**  
   Catalog Descr, Course Title, Subject

2. **MST 351**  
   MST 351 3 Museum Studies II  
   **Fall 2009**  
   Catalog Descr, Course Title, Prereqs, Subject

#### Delete Course

3. **TH 242**  
   TH 242 Oral Interpretation  
   **Fall 2009**

4. **TH 351**  
   TH 351 Asian Theatre  
   **Fall 2009**

#### Change Plan

5. **B.S. Ed. French**  
   R.S. Ed. French Secondary Education  
   **Fall 2009**  
   Major Reqsmts-Course(s) Added  
   Support Link  
   8 Term Plan:

6. **B.S. Ed. German Secondary Education**  
   B.S. Ed. German Secondary Education  
   **Fall 2009**  
   Major Reqsmts-Course(s) Added  
   Support Link  
   8 Term Plan:
7. BSEd Spanish Education  
   B.S. Ed. Spanish Secondary Education  
   Fall 2009  
   Major Reqmts-Course added  
   Support_Link  
   8 Term Plan:

8. BSEd Spanish Extended  
   B.S. Ed. Spanish Secondary Education (extended major)  
   Fall 2009  
   Major Reqmts-Course(s) Added  
   Support_Link  
   8 Term Plan:

Delete Plan

9. BS Theatre Studies  
   BS in Theatre Studies  
   Fall 2009  
   Support_Link  
   8 Term Plan:

B. Liberal Studies

LS Distribution Block Change

| 1.  | ARH 141 Liberal Studies  
     | ARH 141  
     | Art History Survey I  
     | Spring 2010  
     | Change LS Distrib Block |
| 2.  | ARH 142 Liberal Studies  
     | ARH 142  
     | Art History Survey II  
     | Spring 2010  
     | Change LS Distrib Block |
| 3.  | ARH 143 Liberal Studies  
     | ARH 143  
     | Introduction to the Arts of Asia  
     | Spring 2010  
     | Change LS Distrib Block |
| 4.  | ARH 347 Liberal Studies  
     | ARH 347  
     | Nineteenth Century Art  
     | Spring 2010  
     | Change LS Distrib Block |
| 5.  | HIS 100 Liberal Studies  
     | HIS 100  
     | World History 1: The Great Classic Traditions  
     | Spring 2010  
     | Change LS Distrib Block |
| 6.  | HUM 130 Liberal Studies  
     | HUM 130  
     | Introduction to Southwest Humanities  
     | Spring 2010  
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| 7.  | HUM 175 Liberal Studies  
     | HUM 175  
     | Environmental Humanities  
     | Spring 2010  
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C. College of Education

Change Course

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### D. College of Engineering, Forestry and Natural Sciences

**Change Course**

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<td>3 THERMODYNAMICS II</td>
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| 8.  | B.S. Environ. Chem. – ACS  
     | B.S. Environ. Chem. – ACS | Fall 2009 |
| 9.  | B.S. Geochemistry (Extended Major)  
     | B.S. Geochemistry (Extended Major) | Fall 2009 |
| 10. | Chemistry Secondary Education Minor  
     | Chemistry Secondary Education Minor | Fall 2009 |
| 11. | Physical Science Minor  
     | Physical Science Minor | Fall 2009 |

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| 12. | Bachelor of Science in Geology,  
     | Bachelor of Science in Geology  
     | Engineering (extended major) | Fall 2009 |
| 13. | BS in Geology, Geochemistry (extended  
     | Bachelor of Science in Geology  
     | Geochemistry (extended major) | Fall 2009 |
| 14. | BS in Geology, Geographic Information  
     | Bachelor of Science in Geology  
     | Geographic Information Systems  
     | (extended major) | Fall 2009 |
| 15. | BS Engineering Physics  
     | BS Engineering Physics  
     | Environmental Engineering | Fall 2009 |
| 16. | Environmental Sciences Microbiology  
     | Environmental Sciences  
     | Microbiology Emphasis | Fall 2009 | Minor Reqsnts-Course(s) Deleted |
E. College of Social and Behavioral Sciences

Change Course

1. **PSY 491**
   - Fall 2009
   - Catalog Descr, Course Title
   - 491 3 PSYCHOLOGY OF WOMEN

Delete Subplan

2. **Bachelor of Arts - Interdisciplinary**
   - Fall 2009
   - Support_Link
   - Bachelor of Arts - Interdisciplinary Studies Psychology emphasis

3. **Bachelor of Science - Interdisciplinary**
   - Fall 2009
   - Support_Link
   - Bachelor of Science - Interdisciplinary Studies Psychology emphasis

F. College of Health and Human Services

Change Course

1. **DH 227**
   - Fall 2009
   - Catalog Descr, Units
   - DH 227 5 PRECLINICAL DENTAL HYGIENE

Change Plan

2. **Dental Hygiene Extended Major**
   - Fall 2009
   - Support_Link
   - Dental Hygiene Extended Major

F. College of Health and Human Services

G. Diversity

1. **SPA 353**
   - Fall 2009
   - US Ethnic Diversity

III. Action Items

A. College of Social and Behavioral Sciences

New Course

1. **DIS 304**
   - Spring 2010
   - DIS 301 3 Accessibility and Usability: Introduction to Universal Design
New Plan

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Support Link: DIS Minor Support

8 Term Plan:

B. Undergraduate Studies

New Course

1. NAU 110
   NAU 110 3 Challenging Athletes' Minds for Personal Success | Fall 2009 |

C. College of Arts and Letters

New Course

1. HUM 380
   HUM 380 3 Humanistic Values in Postwar Cinema | Fall 2009 |

2. LAN 308
   SPA 308 1 FOREIGN LANGUAGE EDUCATION PRACTICUM | Fall 2009 |

Change Plan

3. BA Theatre
   BA Theatre Fall 2009 Major Reqmts-Course(s) Added Support Link: BA Theatre 8 Term Plan: BA Theatre 8 Term

4. BS Theatre
   BS Theatre Fall 2009 Major Reqmts-Course(s) Added, Major Reqmts-Course(s) Deleted Support Link: BS Theatre 8 Term Plan: BS Theatre 8 Term

Design & Technology; new Theatre Studies
D. College of Engineering, Forestry and Natural Sciences

New Course

1. GLG 265L
   GLG 265L 1 Earthquakes Lab
   Fall 2009

Change Plan

2. Minor Geology
   Fall 2009
   Minor Reqmts-Course(s) Added
   Support Link:
   8 Term Plan:

3. BSE Mechanical Engineering
   BSE Mechanical Engineering (extended major)
   Major Reqmts-Course(s) Added
   Fall 2010
   Support Link:
   8 Term Plan:

E. Provost Office

Policy Change

1. INTGE

   In support of our commitment to global education for all students and to attract more international students to NAU, we propose adjusting our academic requirements to both reflect and accommodate the circumstances of our incoming students while preserving the academic integrity of the degrees we offer.

F. Election of Committee Chair for 2009-2010

IV. Discussion

1. Global Learning

   The charge was to develop recommendations that would both transform NAU into a global campus and prepare students to become globally competent graduates.

2. General Discussion

   Process: Plans for the Next Year; Other.
University Curriculum Committee
Minutes for
March 24, 2009

I. Minutes from previous meeting – February 10 and February 24, 2009 – both items approved.

II. Consent Items

<table>
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<th>Change Course</th>
<th>Effective Date/Revised Effective Date</th>
<th>Summary of Changes</th>
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<td><strong>A. College Social and Behavioral Sciences</strong> – all items approved as presented.</td>
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<tr>
<td>1. <strong>GGR 331</strong>&lt;br&gt;GGR 331 4 GIS PRINCIPLES I: FOUNDATIONS</td>
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<td>2. <strong>GGR 433</strong>&lt;br&gt;GGR 433 4 GIS PRINCIPLES II: PROJECT DESIGN AND IMPLEMENTATION</td>
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<td>3. <strong>GGR 435</strong>&lt;br&gt;GGR 435 4 GIS PROGRAMMING I: TOOLS AND APPLICATIONS</td>
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<td>4. <strong>GGR 436</strong>&lt;br&gt;GGR 436 4 PROGRAMMING II: PROJECT DESIGN AND IMPLEMENTATION</td>
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<td>5. <strong>GGR 437</strong>&lt;br&gt;GGR 437 4 GIS ANALYSIS I: ENVIRONMENTAL MODELING - RASTER</td>
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<td>6. <strong>GGR 438</strong>&lt;br&gt;GGR 438 4 GIS ANALYSIS II: SPATIAL DATA ANALYSIS - VECTOR</td>
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<td>7. <strong>PL 401</strong>&lt;br&gt;PL 401 2 PLANNING PERMITTING AND REVIEW</td>
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8. **PL 406**  
   **PL** 406 3  PUBLIC PLANNING ANALYSIS  
   **Fall 2009**  
   **Course Title, Prereqs**  

Delete Course

9. **PL 301**  
   **PL** 301  Planning Law  
   **Spring 2010**  

Delete Plan

10. **Minor Environmental Planning**  
    Minor Environmental Planning  
    **Fall 2009**  
    **Support_Link**  
    **8 Term Plan:**

B. College of Arts and Letters – items 1, & 7-29 approved as presented. Items 2-6 moved to the Action agenda.

Change Plan

1. **BA Philosophy**  
   B. A. Philosophy  
   **Fall 2009**  
   **Support_Link**  
   **8 Term Plan:**

2. **BA Music**  
   BA Music  
   **Fall 2009**  
   **Major Reqmts-Course(s) Deleted**  
   **Support_Link**  
   **8 Term Plan:**

3. **BMED- Instrumental Music Education**  
   BMED – Instrumental Music Education  
   **Fall 2009**  
   **Major Reqmts-Course(s) Deleted**  
   **Support_Link**  
   **8 Term Plan:**

4. **BMED Choral Music Education**  
   BMED- Choral Music Education  
   **Fall 2009**  
   **Major Reqmts-Course(s) Deleted**  
   **Support_Link**  
   **8 Term Plan:**

5. **BMUS- Instrumental Performance**  
   BMUS – Instrumental Performance  
   **Fall 2009**  
   **Major Reqmts-Course(s) Deleted**  
   **Support_Link**  
   **8 Term Plan:**

6. **BMUS- Vocal Performance**  
   BMUS – Vocal Performance  
   **Fall 2009**  
   **Major Reqmts-Course(s) Deleted**  
   **Support_Link**  
   **8 Term Plan:**

Delete Plan

7. **BA Humanities Extended Major**  
   B.A. Humanities (Extended Major)  
   **Fall 2009**  
   **Support_Link**  
   **8 Term Plan:**
8. **BA Religious Studies Extended Major**  
   B.A. Religious Studies (extended major)  
   Fall 2009  
   Support_Link  
   8 Term Plan:

### Change Course

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C. The W. A. Franke College of Business—items 1 & 4 approved as presented. Items 2 & 3 moved to the action agenda.

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D. College of Education – approved as presented.

**Change Plan**

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E. College of Engineering, Forestry and Natural Sciences – items approved as presented.

**Change Plan**

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COE Support

8 Term Plan

8 term plan
Delete Plan

3. **Minor in Biology Secondary Education**
   Minor in Biology Secondary Education
   Fall 2009
   Support Link
   8 Term Plan:

F. Undergraduate Studies – approved as presented.

Change Plan

1. **BA- IS BS - IS**
   B.A. in Interdisciplinary Studies
   B.S. in Interdisciplinary Studies
   Fall 2009
   Support Link
   8 Term Plan:

H. Liberal Studies– approved as presented.

Liberal Studies Addition

1. **ENG 266 Liberal Studies**
   ENG 266
   Fall 2009
   Add LibStud

III. Action Items

Effective Date/
Revised Effective Date Summary of Changes

A. College of Arts and Letters – item 1 tabled- no representative at the meeting. Items 3-7 approved as presented. Item 2 approved w/changes to the text.

New Course

1. **HUM 380**
   HUM 380
   3 Humanistic Values in Postwar Cinema
   Fall 2009

Change Plan

2. **BS Interior Design**
   B.S. Interior Design
   Fall 2009
   Support Link:
   8 Term Plan:
3. **BA Music**  
   Fall 2009  
   Major Reqmts-Course(s) Deleted  
   Support_Link

4. **BMED-Instrumental Music Education**  
   BMED – Instrumental Music Education  
   Fall 2009  
   Major Reqmts-Course(s) Deleted  
   Support_Link

5. **BMED-Choral Music Education**  
   BMED-Choral Music Education  
   Fall 2009  
   Major Reqmts-Course(s) Deleted  
   Support_Link

6. **BMUS-Instrumental Performance**  
   BMUS – Instrumental Performance  
   Fall 2009  
   Major Reqmts-Course(s) Deleted  
   Support_Link

7. **BMUS-Vocal Performance**  
   BMUS – Vocal Performance  
   Fall 2009  
   Major Reqmts-Course(s) Deleted  
   Support_Link

---

**B. Undergraduate Studies – approved with an added prerequisite to NAU 102.**

**New Course**

1. **NAU 102**  
   102  
   1 Bridge to NAU: Transitioning from the  
   Community College  
   Fall 2009

2. **NAU 104**  
   104  
   1 Transition to College for Four Corners Upward  
   Bound Math Science Program  
   Fall 2009

---

**C. College of Education – Item was un-approved for UCC because support was not received by affected departments. UCC recommended adding ASL as an option in Language/Cultural Diversity Emphasis.**

**Change Plan**

1. **B.S. Ed. in Elementary Education**  
   Fall 2009  
   Support Link: Support

   8 Term Plan:
### D. College of Engineering, Forestry and Natural Sciences – all items tabled, no representative at the meeting.

**New Plan**

1. **Ecological Restoration**  
   Ecological Restoration Certificate  
   Fall 2009  
   Support Link:  
   8 Term Plan:

2. **Forest Health**  
   Forest Health Certificate  
   Fall 2009  
   Support Link:  
   8 Term Plan:

3. **Wildland Urban Interface**  
   Forestry in the Wildland-Urban Interface Certificate  
   Fall 2009  
   Support Link:  
   8 Term Plan:

4. **International Conservation and**  
   International Conservation and Management Certificate  
   Fall 2009  
   Support Link:  
   8 Term Plan:

5. **BSF Forestry**  
   BSF Forestry  
   Fall 2009  
   Support Link:  
   8 Term Plan:

6. **Wildland Fire**  
   Wildland Fire Certificate  
   **Fall 2009**  
   Support Link:  
   8 Term Plan:

### E. College Social and Behavioral Sciences – all items approved with changes to item 7.

**New Course**

1. **PL 421**  
   PL 421  
   3 Land Use Planning Law and Ethics  
   Fall 2009

2. **PRM 202**  
   PRM 202  
   1 Introduction to Caving  
   Fall 2009

3. **PRM 204**  
   PRM 204  
   1 Wilderness First Aid and Healthcare Provider CPR  
   Fall 2009

4. **BS Public Planning**  
   BS Public Planning  
   Fall 2009  
   Support Link:  
   8 Term Plan:
5. **BS Public Planning (Extended Major)**  
   BS Public Planning (Extended Major)  
   Fall 2009  

6. **Minor Community Design**  
   Minor Community Design  
   Fall 2009  

7. **Minor Sustainable Community**  
   Minor Sustainable Community Planning  
   Fall 2009  

8. **Minor Tourism & Leisure Planning**  
   Minor Tourism & Leisure Planning  
   Fall 2009  

9. **B.S. in Geographic Information Science**  
   B.S. in Geographic Information Science (extended major)  
   Fall 2009  

---  

**F. The W. A. Franke College of Business**—items 1 & 2 moved from consent to action and approved as presented.

1. **BS Accountancy Extended Major**  
   B.S. Accountancy (extended major)  
   Fall 2009  
   Major Reqmts-Course(s) Added  
   Support Link  
   8 Term Plan:  

2. **Accounting Certificate**  
   Certificate in Accounting  
   Fall 2009  
   Support Link  
   8 Term Plan:  

---  

**IV. Discussion**  

A. **Simplifying Curriculum Approval Processes**—moved to 4/21/09 meeting.  
B. **Master Syllabi**
I. Minutes from previous meeting – March 24, 2009 – approved as presented.

II. Consent Items – all consent items approved as presented.

### A. College of Arts and Letters

#### Change Course

<table>
<thead>
<tr>
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7. **BSEd Spanish**  
   B.S. Ed. Spanish Secondary Education  
   Fall 2009  
   Support Link  
   8 Term Plan:

8. **BSEd Spanish Extended**  
   B.S. Ed. Spanish Secondary Education (extended major)  
   Fall 2009  
   Major Reqmts-Course(s) Added  
   Support Link  
   8 Term Plan:

---

**Delete Plan**

9. **BS Theatre Studies**  
   BS in Theatre Studies  
   Fall 2009  
   Support Link  
   8 Term Plan:

---

## B. Liberal Studies

**LS Distribution Block Change**

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<td>HUM 175</td>
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8. **HUM 291 Liberal Studies**  
   **HUM** 291 American Multicultural Ideas and Values  
   **Spring 2010**  
   **Change LS Distrib Block**

9. **HUM 376 Liberal Studies**  
   **HUM** 376 Visions in Utopia  
   **Spring 2010**  
   **Change LS Distrib Block**

10. **MER 330 Liberal Studies**  
    **MER** 330 Cultural, Psychological, and Social Aspects of Dress  
    **Spring 2010**  
    **Change LS Distrib Block**

11. **REL 210 Liberal Studies**  
    **REL** 210 Judeo-Christian Scriptures (Old Testament)  
    **Spring 2010**  
    **Change LS Distrib Block**

12. **REL 220 Liberal Studies**  
    **REL** 220 Christian Scriptures (New Testament)  
    **Spring 2010**  
    **Change LS Distrib Block**

13. **REL 355 Liberal Studies**  
    **REL** 355 The Buddha: Depictions of Buddhism's Founder in Cultural Context  
    **Spring 2010**  
    **Change LS Distrib Block**

### C. College of Education

#### Change Course

1. **CTE 433**  
   **CTE** 433 PROGRAM AND CURRICULUM PLANNING IN CAREER AND TECHNICAL EDUCATION  
   **Fall 2009**  
   **Catalog Descr**

2. **CTE 465**  
   **CTE** 465 METHODS OF CAREER AND TECHNICAL EDUCATION  
   **Fall 2009**  
   **Catalog Descr**

3. **ECI 322**  
   **ECI** 322 SECONDARY SCHOOL CURRICULUM  
   **Fall 2010**  
   **Prereqs**

4. **ECI 450**  
   **ECI** 450 HIGH SCHOOL TEACHING METHODS  
   **Fall 2010**  
   **Prereqs**

5. **ECI 465**  
   **ECI** 465 EVALUATION OF LEARNING: SECONDARY  
   **Fall 2010**  
   **Prereqs**
### Change Plan

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### D. College of Engineering, Forestry and Natural Sciences

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E. College of Social and Behavioral Sciences

Change Course

1. PSY 491
   PSY 491 3 PSYCHOLOGY OF WOMEN
   Fall 2009
   Catalog Descr, Course Title

Delete Subplan

2. Bachelor of Arts - Interdisciplinary
   Bachelor of Arts - Interdisciplinary
   Fall 2009
   Support Link
   8 Term Plan:

3. Bachelor of Science - Interdisciplinary
   Bachelor of Science - Interdisciplinary
   Fall 2009
   Support Link
   8 Term Plan:

F. College of Health and Human Services

Change Course

1. DH 227
   DH 227 5 PRECLINICAL DENTAL HYGIENE
   Fall 2009
   Catalog Descr, Units

Change Plan

2. Dental Hygiene Extended Major
   Dental Hygiene Extended Major
   Fall 2009
   Support Link
   8 Term Plan:

G. Diversity

1. SPA 353
   US Ethnic Diversity
   Fall 2009

III. Action Items

A. College of Social and Behavioral Sciences – items removed by department.

New Course

1. DIS 304
   DIS 301 3 Accessibility and Usability: Introduction to Universal Design
   Spring 2010
   Effective Date/
   Revised Effective Date
   Summary of Changes
### New Plan

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<td>498</td>
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3. **Minor in Disability Studies**

   Minor in Disability Studies

   **Fall 2010**

   **Support Link:** DIS Minor Support

   **8 Term Plan:**

### B. Undergraduate Studies – the course was not approved by vote 7/8/2.

#### New Course

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<td>110</td>
<td>Challenging Athletes’ Minds for Personal Success</td>
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### C. College of Arts and Letters – items 1 and 2 were tabled due to no representation. Items 3 and 4 approved as presented.

#### New Course

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<td>HUM 380</td>
<td>380</td>
<td>Humanistic Values in Postwar Cinema</td>
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2. **LAN 308**

   **SPA 308**

   **1 FOREIGN LANGUAGE EDUCATION PRACTICUM**

   **Fall 2009**

#### Change Plan

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   **Support Link:** BA Theatre Stern

   **8 Term Plan:**

4. **BS Theatre**

   **Major Reqmts-Course(s) Deleted**

   **Fall 2009**

   **Support Link:** BS Theatre Stern

   **8 Term Plan:**

Design & Technology; new Theatre Studies
D. College of Engineering, Forestry and Natural Sciences – all items approved as presented.

New Course

1. GLG 265L
   GLG 265L 1 Earthquakes Lab
   Fall 2009

Change Plan

2. Minor Geology Fall 2009 Minor Reqmts-Course(s) Added Support Link:
   Minor Geology
   8 Term Plan:

3. BSE Mechanical Engineering Fall 2010 Major Reqmts-Course(s) Added Support Link:
   BSE Mechanical Engineering (extended major)
   Support Link: Mechanical Engineering Support
   8 Term Plan: BSE ME 8 term plan

E. Provost Office – item tabled. The committee would like to have more questions answered, i.e. want a guarantee that home institution degree is completed. Would like a representative to come to the committee for questions.

Policy Change

1. INTGE

   In support of our commitment to global education for all students and to attract more international students to NAU, we propose adjusting our academic requirements to both reflect and accommodate the circumstances of our incoming students while preserving the academic integrity of the degrees we offer.

F. Election of Committee Chair for 2009-2010- Charles Hammersley was elected chair.

IV. Discussion – The committee would like item 1 – Global Learning, to be brought back to the Fall 2009 meeting. Item 2: The traditional “Curriculum Retreat” in September will be called “Curriculum Planning”. UCC will ask the Provost to come and speak about how curriculum is going to be impacted with changes in the University. Harvey Charles will be asked to come and discuss how international education is affecting our curriculum and have Karen Pugliesi come and discuss changes to University General Education and the effects on curriculum.

1. Global Learning

   The charge was to develop recommendations that would both transform NAU into a global campus and prepare students to become globally competent graduates.

2. General Discussion

   Process; Plans for the Next Year; Other.
University Curriculum Committee
Proposal for Course Change

Is this course a Diversity or Liberal Studies Course? Liberal Studies ☐ Diversity ☐ Both ☐


3. College College of Arts and Letters

4. Academic Unit/Department Humanities, Arts, and Religion

5. Current course subject/catalog number MST 350

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog /www4.nau.edu/airo/AcademicCatalog/academiccatalogs.htm).

   MST 350
   Museum Studies I
   Introduction to the history of museums and museum practice. This is the first part of a two-course sequence.
   3 units

   ARH 350
   Museum Studies
   Introduction to the history of museums and museum practice.
   3 units

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

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes ☐ No X
   If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation? Yes ☐ No X
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

   Is the course a Common Course as defined by your Articulation Task Force? Yes ☐ No X
   If yes, has the change been approved by the Articulation Task Force? Yes ☐ No ☐

   If this course has been listed in the Course Equivalency Guide, should that listing be left as is ☐ or be revised ☐

   If revised, how should it be revised? _____

IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>PROPOSED</th>
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<tr>
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<tr>
<td>MST 350</td>
<td>ARH 350</td>
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<td>Proposed number of units/credits</td>
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Revised 8/08
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<th>Current Course Fee</th>
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<td>Proposed Prerequisite none</td>
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<tr>
<td>Current Co-requisite</td>
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<tr>
<td>Current Cross List with</td>
<td>Proposed Cross List with</td>
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</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies □ Diversity □

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes. **Students were not able to easily identify this as a course that would fulfill art history credits when it had an MST prefix.**

10. Approvals

**Department Chair/ Unit Head (if appropriate)/ Date**

2/24/09

Chair of college curriculum committee/Date

3/10/2009

Dean of college/Date

3-10-09

For Committee use only

4-21-09

For University Curriculum Committee/Date

Action taken: □ approved as submitted □ approved as modified
Is this course a Diversity or Liberal Studies Course? Liberal Studies ☐ Diversity ☐ Both ☐


3. College College of Arts and Letters 4. Academic Unit/Department Humanities, Arts, and Religion

5. Current course subject/catalog number MST 351

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog [link]). Museum Studies II In-depth study of museums and museum practice. This is the second part of a two-course sequence. 3 units

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

ARH 360 Topics in Museum Studies This course addresses a range of issues in museum studies including the New Museology, the rhetorics of museum display, the advent of virtual museums and legal/ethical issues in museum practice. 3 units

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes ☐ No X If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation? Yes ☐ No X If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes ☐ No X If yes, has the change been approved by the Articulation Task Force? Yes ☐ No ☐

If this course has been listed in the Course Equivalency Guide, should that listing be left as is ☐ or be revised ☐

If revised, how should it be revised? ______

IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

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<td>Current Course Fee yes ☐ no X</td>
<td>If subject or catalog number change Move X or Delete ☐</td>
</tr>
<tr>
<td>Current Grading Option* Letter Grade ☐ Pass/Fail ☐ or Both ☐</td>
<td>Proposed Grading Option* Letter Grade ☐ Pass/Fail ☐ or Both ☐</td>
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<tr>
<td>Current Repeat for additional Units</td>
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| Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? | Liberal Studies ☐ Diversity ☐ |

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

Students were not able to easily identify this as a course that would fulfill art history credits when it had an MST prefix.

10. Approvals

Department Chair/ Unit Head (if appropriate)/ Date

[Signature]
3-10-09

Chair of college curriculum committee/Date

[Signature]
3-10-09

Dean of college/Date

[Signature]

For Committee use only

 Approved as submitted

For University Curriculum Committee/Date

Approved as modified

Action taken:
For committee use only

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.
University Curriculum Committee
Proposal for Course Deletion


2. College Arts and Letters 3. Academic Unit/Department Theatre

4. Current course subject and catalog number TH 242 Oral Interpretation

5. Current catalog title Oral Interpretation

6. Is this a Liberal Studies Course or Diversity Course? Liberal Studies ☐ Diversity ☐ Both ☐

7. Is this course currently cross listed or co-convened? Yes ☐ No ☐
   If yes, list course ______

8. Is course an elective? ☐ or required for an academic plan/subplan? ⬗
   Until now, there were two courses that the students could select, TH 222 Voice and Diction and TH 242 Oral Interpretation. With the elimination of this course we will only have one course available, Voice and Diction. However, this course is more up-to-date and industry standard.

   If required, for what academic plan/subplan? ______
   If required, also submit Proposal for Plan Change.

9. Is this course required or an elective in any other plan? (major, minor, certificate) yes ☐ no ☐
   If yes, explain in the justification and provide supporting documentation from the affected departments. ______

Revised 9/06
10. Does this change affect community college articulation? Yes □ No □
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.
   Is the course a Common Course as defined by your Articulation Task Force? Yes □ No □
   If yes, has the changed been approved by the Articulation Task Force? Yes □ No □
   If this course is listed in the Course Equivalency Guide, should the listing be changed to departmental elective credit □ OR changed to elective credit □

11. Justification for course deletion.
   This course is not in-line with current scholarship and industry standards so it has been dormant for almost 6 years.

12. Approvals

   Kathleen 2/26/09
   Department Chair/Unit Head (if appropriate)/ Date

   Pam Stephens 3/10/2009
   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
University Curriculum Committee
Proposal for Course Deletion

   Fall 2009

2. College       Arts and Letters       3. Academic Unit/Department       Theatre

4. Current course subject and catalog number       TH 351

5. Current catalog title
   Asian Theatre

6. Is this a Liberal Studies Course or Diversity Course?  Liberal Studies ☐  Diversity ☐  Both ☒

7. Is this course currently cross listed or co-convened?  Yes ☐  No ☒
   If yes, list course ______

8. Is course an elective? ☐  or required for an academic plan/subplan? ☒
   Until now, there were two courses that the students could select, Asian Theatre or Modern Theatre. With the elimination of this course we will only have one course available, Modern Theatre. However, we are in the beginning stages of creating a course to elevate the stress on Modern Drama.

   If required, for what academic plan/subplan? ______
   If required, also submit Proposal for Plan Change.

9. Is this course required or an elective in any other plan? (major, minor, certificate)  yes ☒  no ☐
   If yes, explain in the justification and provide supporting documentation from the affected departments. In the Asian Studies degree the course is a choice.

Revised 9/06
10. Does this change affect community college articulation? Yes □ No ☒
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes □ No ☒
   If yes, has the changed been approved by the Articulation Task Force? Yes □ No □

If this course is listed in the Course Equivalency Guide, should the listing be changed to departmental elective credit □ OR changed to elective credit □

11. Justification for course deletion.
   The course was taught by our former colleague Tim Bryson who was our Asian Theatre Scholar. We no longer have an Asian Theatre Scholar on faculty. We will be creating a course to add to the choices for students in the literature/history category. Currently Theatre majors satisfy the requirement with TH 451: Modern Theatre

12. Approvals

   [Signatures and dates]

   Department Chair/Unit Head (if appropriate)/ Date
   [Signature] 2/25/09

   Chair of college curriculum committee/ Date
   [Signature] 3/10/09

   Dean of college/Date
   [Signature] 3/12/09

   For Committee use only
   [Signature] 4/21/09

   For University Curriculum Committee/Date

   Action taken: ☒ approved as submitted ☐ approved as modified

   Note: Submit original to associate provost's office

Revised 9/06
# University Curriculum Committee

## Proposal for new Academic Plan, Plan change, or Plan Deletion

| 1. College | Arts and Letters |
| 2. Academic Unit/Department | Modern languages |
| 3. Academic Plan Name | B.S. Ed. French Secondary Education |
| 4. Subplan (if applicable)? | |

5. Effective Date  
**FALL 2009**

6. Is this proposal for a:  
- [ ] New Plan  
- [x] Plan Change*  
- [ ] Plan Deletion  
- [ ] New Subplan  
- [ ] Subplan Change  
- [ ] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.

7. For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog:  
(http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm)  
Be sure you include all catalog text that pertains to this plan change.

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.  
(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.)

### For New Plans, leave this column blank.

#### Teacher-Preparation Requirements

Complete 31 units of professional courses offered by the College of Education to qualify for certification to teach French in Arizona and most other states.

All candidates for the French B.S.Ed. major must pass the American Council on the Teaching of Foreign Languages Advanced-Low Level Check. See your advisor for details.

Click here for more information about Teacher Preparation in Secondary Education. You should also receive advisement from the College of Education for this part of your academic plan.

Please note that these 31 units include ECI 495C (in French), which meets NAU's senior capstone requirement.

### Teacher-Preparation Requirements

Complete 31 units of professional courses offered by the College of Education to qualify for certification to teach French in Arizona and most other states.

All candidates for the French B.S.Ed. major must pass the American Council on the Teaching of Foreign Languages Advanced-Low Level Check. See your advisor for details.

Click here for more information about Teacher Preparation in Secondary Education. You should also receive advisement from the College of Education for this part of your academic plan.

Please note that these 31 units include ECI 495C (in French), which meets NAU's senior capstone requirement. **Also note that, you substitute LAN 308 for ECI 308.**
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 BAIS 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.


1. Language, Linguistics, Comparisons. Candidates (a) demonstrate a high level of proficiency in the target language, and they seek opportunities to strengthen their proficiency (See the supporting explanation and rubrics for required levels of proficiency.); (b) know the linguistic elements of the target language system, recognize the changing nature of language, and accommodate for gaps in their own knowledge of the target language system by learning on their own; and (c) know the similarities and differences between the target language and other languages, identify the key differences in varieties of the target language, and seek opportunities to learn about varieties of the target language on their own.

2. Cultures, Literatures, Cross-Disciplinary Concepts. Candidates (a) demonstrate that they understand the connections among the perspectives of a culture and its practices and products, and they integrate the cultural framework for foreign language standards into their instructional practices; (b) recognize the value and role of literary and cultural texts and use them to interpret and reflect upon the perspectives of the target cultures over time; and (c) integrate knowledge of other disciplines into foreign language instruction and identify distinctive viewpoints accessible only through the target language.

3. Language Acquisition Theories and Instructional Practices. Candidates (a) demonstrate an understanding of language acquisition at various developmental levels and use this knowledge to create a supportive classroom learning environment that includes target language input and opportunities for negotiation of meaning and meaningful interaction and (b) develop a variety of instructional practices that reflect language outcomes and articulated program models and address the needs of diverse language learners.

4. Integration of Standards into Curriculum and Instruction. Candidates (a) demonstrate an understanding of the goal areas and standards of the Standards for Foreign Language Learning and their state standards, and they integrate these frameworks into curricular planning; (b) integrate the Standards for Foreign Language learning and their state standards into language instruction; and (c) use standards and curricular goals to evaluate, select, design, and adapt instructional resources.

5. Assessment of Language and Cultures. Candidates (a) believe that assessment is ongoing, and they demonstrate knowledge of multiple ways of assessment that are age- and level-appropriate by implementing purposeful measures; (b) reflect on the results of student assessments, adjust instruction accordingly, analyze the results of assessments, and use success and failure to determine the direction of instruction; and (c) interpret and report the results of student performances to all stakeholders and provide opportunity for discussion.

Revised 09/07
6. Professionalism. Candidates (a) engage in professional development opportunities that strengthen their own linguistic and cultural competence and promote reflection on practice and (b) know the value of foreign language learning to the overall success of all students and understand that they will need to become advocates with students, colleagues, and members of the community to promote the field.

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

In response to NCATE exigencies, Modern Languages is taking responsibility for supervising the ECI 308 practicum for Secondary education candidates. To that end, we have to change the language that is included in this plan's catalogue description to note that they will complete the newly proposed LAN 308 instead of ECI 308 for the practicum experience. Completing the important curricular entry point with a specialist from and specifications for foreign language education enhances the entire experience and will improve the following courses: LAN 430 and LAN 435.

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

   No

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.
   
   Yes. Supporting document is attached.

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

   Yes

Certifications

<table>
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<th>Department Chair/Unit Head (if appropriate)</th>
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<tr>
<td>Sam Stephens</td>
<td>5-10-2009</td>
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<tr>
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<td>Date</td>
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<td>Dean of college</td>
<td>3-10-2009</td>
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For committee use only

For University Curriculum Committee

Revised 09/07
Action taken:  

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.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

1. College  Arts and Letters

2. Academic Unit/Department  Modern languages

3. Academic Plan Name  B.S. Ed. German Secondary Education

4. Subplan (if applicable)?

5. Effective Date  FALL  2009

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

*Plan changes must be accompanied by an updated 8 semester plan.

7. For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online 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.

   Teacher-Preparation Requirements

   Complete 31 units of professional courses offered by the College of Education to qualify for certification to teach German in Arizona and most other states.

   All candidates for the German B.S.Ed. major must pass the American Council on the Teaching of Foreign Languages Advanced-Low Level Check. See your advisor for details.

   Click here for more information about Teacher Preparation in Secondary Education. You should also receive advisement from the College of Education for this part of your academic plan.

   Please note that these 31 units include ECI 495C (in German), which meets NAU's senior capstone requirement.

   Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

   (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.)

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   Please note that these 31 units include ECI 495C (in German), which meets NAU's senior capstone requirement. Also note that, you substitute LAN 308 for ECI 308.

Revised 09/07
8. For undergraduate plans, will this requirement be a student individualized plan? ☐ x 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.

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2. Cultures, Literatures, Cross-Disciplinary Concepts. Candidates (a) demonstrate that they understand the connections among the perspectives of a culture and its practices and products, and they integrate the cultural framework for foreign language standards into their instructional practices; (b) recognize the value and role of literary and cultural texts and use them to interpret and reflect upon the perspectives of the target cultures over time; and (c) integrate knowledge of other disciplines into foreign language instruction and identify distinctive viewpoints accessible only through the target language.

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Revised 09/07
6. Professionalism. Candidates (a) engage in professional development opportunities that strengthen their own linguistic and cultural competence and promote reflection on practice and (b) know the value of foreign language learning to the overall success of all students and understand that they will need to become advocates with students, colleagues, and members of the community to promote the field.

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

In response to NCATE exigencies, Modern Languages is taking responsibility for supervising the ECI 308 practicum for Secondary education candidates. To that end, we have to change the language that is included in this plan’s catalogue description to note that they will complete the newly proposed LAN 308 instead of ECI 308 for the practicum experience. Completing the important curricular entry point with a specialist from and specifications for foreign language education enhances the entire experience and will improve the following courses: LAN 430 and LAN 435.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   No

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.
   Yes. Supporting document is attached.

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

Certifications

Department Chair/Unit Head (if appropriate)  Date
[Signature]
[Date]

Chair of college curriculum committee  Date
[Signature]
[Date]

Dean of college  Date
[Signature]
[Date]

For committee use only  Date
[Signature]

For University Curriculum Committee  Date

Revised 09/07
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.
# University Curriculum Committee

**Proposal for new Academic Plan, Plan change, or Plan Deletion**

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<tr>
<td>Plan Name</td>
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<td>2. Academic</td>
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<td></td>
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<tr>
<td>4. Subplan (if applicable)?</td>
<td></td>
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### Effective Date
FALL 2009

### Is this proposal for a:
- [ ] New Plan
- [x] Plan Change*
- [ ] Plan Deletion
- [ ] New Subplan
- [ ] Subplan Change
- [ ] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.

### Plan Changes

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

([http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm](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.

### Teacher-Preparation Requirements

Complete 31 units of professional courses offered by the College of Education to qualify for certification to teach Spanish in Arizona and most other states.

All candidates for the Spanish B.S.Ed. major must pass the American Council on the Teaching of Foreign Languages Advanced-Low Level Check. See your advisor for details.

Click here for more information about Teacher Preparation in Secondary Education. You should also receive advisement from the College of Education for this part of your academic plan.

Please note that these 31 units include ECI 495C (in Spanish), which meets NAU's senior capstone requirement. Also note that, you substitute LAN 308 for ECI 308.

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

Revised 09/07
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 BAIDS 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.


1. Language, Linguistics, Comparisons. Candidates (a) demonstrate a high level of proficiency in the target language, and they seek opportunities to strengthen their proficiency (See the supporting explanation and rubrics for required levels of proficiency.); (b) know the linguistic elements of the target language system, recognize the changing nature of language, and accommodate for gaps in their own knowledge of the target language system by learning on their own; and (c) know the similarities and differences between the target language and other languages, identify the key differences in varieties of the target language, and seek opportunities to learn about varieties of the target language on their own.

2. Cultures, Literatures, Cross-Disciplinary Concepts. Candidates (a) demonstrate that they understand the connections among the perspectives of a culture and it's practices and products, and they integrate the cultural framework for foreign language standards into their instructional practices; (b) recognize the value and role of literary and cultural texts and use them to interpret and reflect upon the presepectives of the target cultures over time; and (c) integrate knowledge of other disciplines into foreign language instruction and identify distinctive viewpoints accessible only through the target language.

3. Language Acquisition Theories and Instructional Practices. Candidates (a) demonstrate an understanding of language acquisition at various developmental levels and use this knowledge to create a supportive classroom learning environment that includes target language input and opportunities for negotiation of meaning and meaningful interaction and (b) develop a variety of instructional practices that reflect language outcomes and articulated program models and address the needs of diverse language learners.

4. Integration of Standards into Curriculum and Instruction. Candidates (a) demonstrate an understanding of the goal areas and standards of the Standards for Foreign Language Learning and their state standards, and they integrate these frameworks into curricular planning; (b) integrate the Standards for Foreign Language learning and their state standards into language instruction; and (c) use standards and curricular goals to evaluate, select, design, and adapt instructional resources.

5. Assessment of Language and Cultures. Candidates (a) believe that assessment is ongoing, and they demonstrate knowledge of multiple ways of assessment that are age- and level- appropriate by implementing purposeful measures; (b) reflect on the results of student assessments, adjust instruction accordingly, analyze the results of assessments, and use success and failure to determine the direction of instruction; and (c) interpret and report the results of student performances to all stakeholders and provide opportunity for discussion.
6. Professionalism. Candidates (a) engage in professional development opportunities that strengthen their own linguistic and cultural competence and promote reflection on practice and (b) know the value of foreign language learning to the overall success of all students and understand that they will need to become advocates with students, colleagues, and members of the community to promote the field.

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

In response to NCATE exigencies, Modern Languages is taking responsibility for supervising the ECI 308 practicum for Secondary education candidates. To that end, we have to change the language that is included in this plan's catalogue description to note that they will complete the newly proposed LAN 308 instead of ECI 308 for the practicum experience. Completing the important curricular entry point with a specialist from and specifications for foreign language education enhances the entire experience and will improve the following courses: LAN 430 and LAN 435.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   No

13. Will this academic plan/subplan affect other majors, liberal studies course offerings, plans/subplane, curricula, or enrollment at NAU?
   If so, attach supporting documentation from the affected departments/units and college dean.
   Yes. Supporting document is attached.

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

Certifications

Department Chair/Unit Head (if appropriate)

[Signature]

Date 3-10-2009

Chair of college curriculum committee

[Signature]

Date 3-10-2009

Dean of college

[Signature]

Date

For committee use only

[Signature]

Date 4-21-09

For University Curriculum Committee

[Signature]

Date

Revised 09/07
Action taken:  

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.

Revised 09/07
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

1. College  Arts and Letters

3. Academic Plan Name  B.S. Ed. Spanish Secondary Education (extended major)

2. Academic Unit/Department  Modern languages

4. Subplan (if applicable)?

5. Effective Date  FALL 2009

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

*Plan changes must be accompanied by an updated 8 semester plan.

7. For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog:
(http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm)
Be sure you include all catalog text that pertains to this plan change.

Show the proposed changes in this column. Please BOLD the changes, differentiate from what is not changing and strikethrough what is being deleted.
(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.)

For New Plans, leave this column blank.

Teacher-Preparation Requirements

Complete 31 units of professional courses offered by the College of Education to qualify for certification to teach Spanish in Arizona and most other states.

All candidates for the Spanish B.S.Ed. major must pass the American Council on the Teaching of Foreign Languages Advanced-Low Level Check. See your advisor for details.

Click here for more information about Teacher Preparation in Secondary Education. You should also receive advisement from the College of Education for this part of your academic plan.

Please note that these 31 units include ECI 495C (in Spanish), which meets NAU’s senior capstone requirement. Also note that, you substitute LAN 308 for ECI 308.
8. For undergraduate plans, will this requirement be a student individualized plan?  
   x 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:
   x  a. verify satisfactory completion of a non course requirement.
   □  b. indicate admission to a major.
   □  c. will not be used.

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1. Language, Linguistics, Comparisons. Candidates (a) demonstrate a high level of proficiency in the target language, and they seek opportunities to strengthen their proficiency (See the supporting explanation and rubrics for required levels of proficiency.); (b) know the linguistic elements of the target language system, recognize the changing nature of language, and accommodate for gaps in their own knowledge of the target language system by learning on their own; and (c) know the similarities and differences between the target language and other languages, identify the key differences in varieties of the target language, and seek opportunities to learn about varieties of the target language on their own.

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Revised 09/07
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In response to NCATE exigencies, Modern Languages is taking responsibility for supervising the ECI 308 practicum for Secondary education candidates. To that end, we have to change the language that is included in this plan's catalogue description to note that they will complete the newly proposed LAN 308 instead of ECI 308 for the practicum experience. Completing the important curricular entry point with a specialist from and specifications for foreign language education enhances the entire experience and will improve the following courses: LAN 430 and LAN 435.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   No

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.
   Yes. Supporting document is attached.

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

Certifications

Department Chair/Unit Head (if appropriate)  Date  3-10-2009
Chair of college curriculum committee  Date  3-10-2009
Dean of college  Date

For committee use only  Date  4-21-07

For University Curriculum Committee  Date

Revised 09/07
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.
**University Curriculum Committee**

Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
<tr>
<th>1. College</th>
<th>Arts and Letters</th>
<th>2. Academic Unit/Department</th>
<th>Theatre</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Academic Plan Name</td>
<td>Bachelor of Science in Theatre Studies</td>
<td>4. Subplan (if applicable)?</td>
<td></td>
</tr>
<tr>
<td>5. Effective Date</td>
<td>FALL</td>
<td></td>
<td>2009</td>
</tr>
</tbody>
</table>

6. Is this proposal for a:
   - [ ] New Plan
   - [ ] Plan Change*
   - [x] Plan Deletion
   - [ ] New Subplan
   - [ ] Subplan Change
   - [ ] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.

Revised 09/07
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog: (http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm)

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

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

To earn this degree, you must complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements. Contact your department for information about liberal studies courses that are specific to this major. Be aware that you may not use courses with a TH prefix to satisfy these liberal studies requirements.

- at least 45 units of major requirements

- at least 18 units of minor requirements

- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Also be aware that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at

Revised 09/07
least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

You must have a grade of C or better in ENG 105 and all courses required for your major as well as a minimum cumulative grade point average of 2.5 in your major.

Be aware that we will only accept up to half of the courses required for your major as transfer credit.

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**

You must complete the following 45 units.

Take 35 units of core requirements:

- TH 113 (taken in the first three semesters for a total of 3 units) 130, 135, 213, 331, and 352 (17 units)
- 6 units from TH 122, 123 or 124
- TH 202, 204 or 263 (3 units)
- TH 351 or 451 (3 units)
- TH 341W, which meets NAU’s junior writing requirement (3 units)
- TH 490C, which meets NAU’s senior capstone requirement (3 units)
- 10 additional units of TH coursework approved by your advisor
MINOR REQUIREMENTS
You must complete a minor of at least 18 units from those described in this catalog. In consultation with your advisor, you should select a minor that's appropriate for your career aspirations and educational needs. Your minor advisor will advise you about this part of your academic plan.

GENERAL ELECTIVES
Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren't used to meet major, minor, or liberal studies requirements.)

Click here for more information about Theatre undergraduate courses, graduate courses, and Theatre faculty.

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.

Revised 09/07

11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.
The department feels that the separate degree is not the appropriate placing for Theatre Studies. Instead we feel that the BS and BA in Theatre would be better served as a Focus or Subplan of the Theatre Degree. The numbers graduating under a separate degree are low yet pedagogically the work of the Theatre Studies degree is appropriate for our former Theatre Education students, potential Arts Management folks and for future directors. So, we have submitted a plan to drop the degree and another plan to add a focus to the BA and BS in Theatre.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   no

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.
   no

14. Will present library holdings support this academic plan/subplan?
   no

Certifications

Kathleen 

2-21-09

Department Chair/ Unit Head (if appropriate)

Chair of college curriculum committee

Dean of college

Date

Date

For committee use only

For University Curriculum Committee

2-10-2009

3-10-09

3-6-09

3-10-2009

4-21-09

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.
Hi Nicole,

Attached please find changes to DISTRIBUTION BLOCKS only for the following courses that occurred in the recent Liberal Studies alignment process. Please have all course changes EFFECTIVE with the new catalog (Spring 2010).

Please place them on the March 24 University Curriculum Committee meeting on behalf of the Liberal Studies Committee. Call with any questions—600-2801.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>College</th>
<th>Current</th>
<th>CHANGE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 141</td>
<td>Art History Survey I</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>ARH 142</td>
<td>Art History Survey II</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>ARH 143</td>
<td>Introduction to the Arts of Asia</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>ARH 347</td>
<td>Nineteenth Century Art</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>HIS 100</td>
<td>World History I: The Great Classic Traditions</td>
<td>CAL</td>
<td>CU</td>
<td>SPW</td>
</tr>
<tr>
<td>HUM 130</td>
<td>Introduction to Southwest Humanities</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>HUM 175</td>
<td>Environmental Humanities</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>HUM 291</td>
<td>American Multicultural Ideas and Values</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>REL 210</td>
<td>Judeo-Christian Scriptures (Old Testament)</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>REL 220</td>
<td>Christian Scriptures (New Testament)</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>REL 355</td>
<td>The Buddha: Depictions of Buddhism’s Founder in Cultural Context</td>
<td>CAL</td>
<td>CU</td>
<td>AHI</td>
</tr>
<tr>
<td>HUM 376</td>
<td>Visions in Utopia</td>
<td>CAL</td>
<td>SPW</td>
<td>AHI</td>
</tr>
<tr>
<td>MER 330</td>
<td>Cultural, Psychological, and Social Aspects of Dress</td>
<td>SBS</td>
<td>CU</td>
<td>SPW</td>
</tr>
</tbody>
</table>

There will be one final course that I will email to you once I have been able to confirm the details of the change.

Thanks!

Blase

Blase S. Scarnati, Ph.D.
Director, University First Year Seminar Program

University First Year Seminar Program
Office of the Vice Provost for Academic Affairs
Northern Arizona University
NAU Box 5802
Flagstaff, AZ 86011-5802 USA
928-523-2876, office
Email Blase.Scarnati@nau.edu
https://home.nau.edu/FYSeminar
**University Curriculum Committee**

**Proposal for Course Change**

<table>
<thead>
<tr>
<th>Is this course a Diversity or Liberal Studies Course?</th>
<th>Liberal Studies</th>
<th>Diversity</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


3. College | **Education** |

4. Academic Unit/Department | **Educational Specialties** |

<table>
<thead>
<tr>
<th>5. Current course subject/catalog number</th>
<th>CTE 433</th>
</tr>
</thead>
</table>

6. Current catalog **title, course description and units.** (Cut and paste from current on-line academic catalog [www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm]).

| CTE 433 PROGRAM AND CURRICULUM PLANNING IN CAREER AND TECHNICAL EDUCATION (3) |
| Methods of gathering and analyzing information necessary for establishing responsive and comprehensive career and technical education programs. Letter grade only. Course fee required. |

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes ☐ No ☒

   If yes, explain and provide supporting documentation from the affected departments.

<table>
<thead>
<tr>
<th>8. Does this change affect community college articulation?</th>
<th>Yes ☐ No ☒</th>
</tr>
</thead>
</table>

   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

<table>
<thead>
<tr>
<th>Is the course a Common Course as defined by your Articulation Task Force?</th>
<th>Yes ☐ No ☒</th>
</tr>
</thead>
</table>

   If yes, has the change been approved by the Articulation Task Force? Yes ☐ No ☐

   If this course has been listed in the **Course Equivalency Guide**, should that listing be left as is ☐ or be revised ☐

   If revised, how should it be revised? ____

Revised 8/08
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current course subject/catalog number</td>
<td>Proposed course subject/catalog number</td>
</tr>
<tr>
<td>Current number of units/credits</td>
<td>Proposed number of units/credits</td>
</tr>
<tr>
<td>Current Course Fee yes □ no □</td>
<td>If subject or catalog number change Move □ or Delete □</td>
</tr>
<tr>
<td>Current Grading Option* Letter Grade □ Pass/Fail □ or Both □</td>
<td>Proposed Grading Option* Letter Grade □ Pass/Fail □ or Both □</td>
</tr>
<tr>
<td>Current Repeat for additional Units</td>
<td>Proposed Repeat for additional Units</td>
</tr>
<tr>
<td>Current Max number of units</td>
<td>Proposed Max number of units</td>
</tr>
<tr>
<td>Current Prerequisite</td>
<td>Proposed Prerequisite</td>
</tr>
<tr>
<td>Current Co-requisite</td>
<td>Proposed Co-requisite</td>
</tr>
<tr>
<td>Current Co-Convene with</td>
<td>Proposed Co-Convene with</td>
</tr>
<tr>
<td>Current Cross List with</td>
<td>Proposed Cross List with</td>
</tr>
</tbody>
</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies □ Diversity □

9. Justification for course change. Please indicate how past assessments of student learning supported proposed changes.

Course description change to indicate that a signature assignment is required in this course for the BSED CTE degree which is a secondary education teacher preparation degree program.

10. Approvals

Department Chair/Unit Head (if appropriate)/ Date 4/12/2009

Chair of college curriculum committee/Date 4/7/09

Dean of college/Date 4/21/09

For Committee use only

For University Curriculum Committee/Date 4/21/09

Action taken: □ approved as submitted □ approved as modified

Revised 8/08
University Curriculum Committee
Proposal for Course Change

Is this course a Diversity or Liberal Studies Course? ☐ Yes ☐ No

Liberal Studies ☐ Diversity ☐ Both ☐

   Fall 2009 (Per Dr. Pitt if this goes to UCC in April the change can be made by Fall 09)
   See effective dates calendar.

3. College Education ☐ 4. Academic Unit/Department Educational Specialties

5. Current course subject/catalog number CTE 465

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog)
   CTE 465 METHODS OF CAREER AND TECHNICAL EDUCATION (3)
   Examines philosophy and teaching methods, preparation and use of instructional material, and evaluation in agriculture education, business education, family and consumer education, health careers education, industrial technological education, and marketing education. Letter grade only. Course fee required.

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

CTE 465 METHODS OF CAREER AND TECHNICAL EDUCATION (3)

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes ☐ No ☒
   If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation? Yes ☐ No ☒
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes ☐ No ☒
If yes, has the change been approved by the Articulation Task Force? Yes ☐ No ☐

If this course has been listed in the Course Equivalency Guide, should that listing be left as is ☐ or be revised ☐

If revised, how should it be revised? ______

Revised 8/08
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

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<td>Current Course Fee yes ☐ no ☐</td>
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<tr>
<td>Current Max number of units</td>
<td>Proposed Max number of units</td>
</tr>
<tr>
<td>Current Prerequisite</td>
<td>Proposed Prerequisite</td>
</tr>
<tr>
<td>Current Co-requisite</td>
<td>Proposed Co-requisite</td>
</tr>
<tr>
<td>Current Co-Convene with</td>
<td>Proposed Co-Convene with</td>
</tr>
<tr>
<td>Current Cross List with</td>
<td>Proposed Cross List with</td>
</tr>
</tbody>
</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies ☐ Diversity ☐

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

Course description change to indicate that signature assignments are required in this course for the BSED CTE degree which is a secondary education teacher preparation degree program. Additionally, the Arizona Department of Education requires a CTE Methods course for CTE teacher certification. This class meets that requirement and having it noted in the catalog will provide better information to students seeking such a course.

10. Approvals

   Department Chair/ Unit Head (if appropriate)/ Date  
   ___________________________  4/2/2009

   Chair of college curriculum committee/Date  
   ___________________________  4/7/09

   Dean of college/Date  
   ___________________________  4/6/09

For Committee use only

   ___________________________  4-21-09

For University Curriculum Committee/Date

   ___________________________  

____ on taken: J approved as submitted approved as modified

Revised 8/08
**University Curriculum Committee**  
**Proposal for Course Change**

<table>
<thead>
<tr>
<th>Section</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>1. Does this course a Diversity or Liberal Studies Course?</td>
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</tr>
<tr>
<td>3. College</td>
<td>College of Education</td>
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<tr>
<td>4. Academic Unit/Department</td>
<td>Teaching and Learning</td>
</tr>
<tr>
<td>5. Current course subject/catalog number</td>
<td>ECI 322</td>
</tr>
<tr>
<td>6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog [www4.nau.edu/aiol/AcademicCatalog/academiccatalogs.htm).</td>
<td>Show the proposed changes in this column. Please <strong>BOLD</strong> the changes, to differentiate from what is not changing.</td>
</tr>
<tr>
<td>ECI 322 SECONDARY SCHOOL CURRICULUM (3) Provides preservice teachers with experiences and knowledge necessary to develop and evaluate curriculum plans and materials that meet state and national standards and other educational goals. Candidates must satisfactorily complete the key assessment in a course to be eligible to enter student teaching or internship placements. Co-convenes with ECI 522. Letter grade only. Prerequisite: Secondary Education or BAILS Learning &amp; Pedagogy Milestone or SecEd ISTEP Student Group or Sec Ed SITE Student Group</td>
<td>ECI 322 SECONDARY SCHOOL CURRICULUM (3) Provides preservice teachers with experiences and knowledge necessary to develop and evaluate curriculum plans and materials that meet state and national standards and other educational goals. Candidates must satisfactorily complete the key assessment in this course to be eligible to enter student teaching or internship placements. Co-convenes with ECI 522. Letter grade only. <strong>Prerequisite</strong>: Secondary Education or BAILS Learning &amp; Pedagogy Milestone.</td>
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7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes ☒ No ☐  
If yes, explain and provide supporting documentation from the affected departments. **This is an elective course for the BAILS Learning and Pedagogy with the Teaching and Learning Department.**

8. Does this change affect community college articulation? Yes ☐ No ☒
If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes ☐ No ☒
If yes, has the change been approved by the Articulation Task Force? Yes ☐ No ☒
If this course has been listed in the **Course Equivalency Guide**, should that listing be left as is ☐ or be revised ☐
If revised, how should it be revised? ____

Revised 8/08
<table>
<thead>
<tr>
<th>CURRENT</th>
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<tr>
<td>Current course subject/catalog number</td>
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<tr>
<td>Current number of units/credits</td>
<td>Proposed number of units/credits</td>
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<tr>
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<td>If subject or catalog number change Move □ or Delete □</td>
</tr>
<tr>
<td>Current Grading Option*</td>
<td>Proposed Grading Option*</td>
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<tr>
<td>Letter Grade □ Pass/Fail □ or Both □</td>
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<td>Current Repeat for additional Units</td>
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<td>Current Cross List with</td>
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</tr>
</tbody>
</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list?  No  Liberal Studies □  Diversity □

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

This wording was repetitive since the Secondary Milestone is needed for the ISTEP and SITE programs as well.

10. Approvals

Sandra L. Stone  4-2-09

Department Chair/ Unit Head (if appropriate)/ Date

Ann Smith  4/8/09
Chair of college curriculum committee/Date

Cory Jensen  4/16/09
Dean of college/Date

For Committee use only  4-21-09

For University Curriculum Committee/Date

Action taken: □ approved as submitted  □ approved as modified

Revised 8/08
University Curriculum Committee
Proposal for Course Change

2. Course change effective beginning of what term and year? 
   Fall 2010

3. College  College of Education  4. Academic Unit/Department  Teaching and Learning

5. Current course subject/catalog number  ECI 450

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog
   www.nau.edu/aio/AcademicCatalog/academiccatalogs.htm).
   ECI 450 HIGH SCHOOL TEACHING METHODS (3)
   General and specific methods involving classroom management, lesson planning, classroom presentations, and evaluation of classroom teaching. Candidates must satisfactorily complete the key assessment
   to be eligible to enter student teaching or internship placements. Co-convenes with ECI 540. Letter grade only. Prerequisite: {ECI 322 and BME 300} or BAILS Learning & Pedagogy Milestone or ISTEP Student Group or SITE Student Group or International Exchange Student Group

7. Is this course required or an elective in any other plan (major, minor, certificate)?  Yes ☑  No ☐
   If yes, explain and provide supporting documentation from the affected departments. This is an elective course for the BAILS Learning and Pedagogy with the Teaching and Learning Department.

8. Does this change affect community college articulation?  Yes ☐  No ☑
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

   Is the course a Common Course as defined by your Articulation Task Force?  Yes ☐  No ☑
   If yes, has the change been approved by the Articulation Task Force?  Yes ☐  No ☑

   If this course has been listed in the Course Equivalency Guide, should that listing be left as is ☐ or be revised ☑

   If revised, how should it be revised? ______

Revised 8/08
<table>
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<tr>
<th>Current</th>
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<tr>
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</tr>
<tr>
<td>{((BME 430 or BME 437 or ECI 350) and ECI 322) or BAILS Learning &amp; Pedagogy Milestone or ISTEP Student Group or SITE Student Group or International Exchange Student Group</td>
<td>{ECI 322 and BME 300} or BAILS Learning &amp; Pedagogy Milestone or ISTEP Student Group or SITE Student Group or International Exchange Student Group</td>
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- **you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? No □ Liberal Studies □ Diversity □

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes. With the SEI course addition, BME 437 was shifted to the second semester of the program and ECI 350 is a course that is no longer used within the program.

10. Approvals

   - Sandra A. Stone 4/2/09
   - Department Chair/ Unit Head (if appropriate)/ Date
   - 4/7/09
   - Chair of college curriculum committee/Date
   - 4/4/09
   - Dean of college/Date

Revised 8/08
Action taken:  

- approved as submitted
- approved as modified
Is this course a Diversity or Liberal Studies Course?  No


    Fall 2010

3. College  College of Education

4. Academic Unit/Department  Teaching and Learning

5. Current course subject/catalog number  ECI 465

6. Current catalog title, course description and units. (Cut and paste from current online academic catalog)

   ECI 465 EVALUATION OF LEARNING: SECONDARY (3)
   Principles and techniques of assessment at the secondary level, including formal and informal assessments, interpretation of standardized assessments, and legal and ethical issues related to assessment.
   Candidates must satisfactorily complete the key assessment in this course to be eligible to enter student teaching or internship placements. Co-convenes with ECI 565. Letter grade only. Prerequisite: {(BME 430 or BME 437 or ECI 350) and ECI 322} or ISTEP Student Group or SITE Student Group or International Exchange Student Group.

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

    ECI 465 EVALUATION OF LEARNING: SECONDARY (3)
    Principles and techniques of assessment at the secondary level, including formal and informal assessments, interpretation of standardized assessments, and legal and ethical issues related to assessment. Candidates must satisfactorily complete the key assessment in this course to be eligible to enter student teaching or internship placements. Co-convenes with ECI 565. Letter grade only. Prerequisite: {ECI 322 and BME 300} or BAILS Learning & Pedagogy Milestone or ISTEP Student Group or SITE Student Group or International Exchange Student Group.

7. Is this course required or an elective in any other plan (major, minor, certificate)?  Yes ☒ No ☐
    If yes, explain and provide supporting documentation from the affected departments.
    This is an elective course for the BAILS Learning and Pedagogy with the Teaching and Learning Department.

8. Does this change affect community college articulation?  Yes ☐ No ☒
    If yes, explain how in the justification and provide supporting documentation from the affected institutions.

    Is the course a Common Course as defined by your Articulation Task Force?  Yes ☐ No ☒
    If yes, has the change been approved by the Articulation Task Force?  Yes ☒ No ☐

    If this course has been listed in the Course Equivalency Guide, should that listing be left as is ☐ or be revised ☐

Revised 8/08
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

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Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? No Liberal Studies □ Diversity □

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

With the SEI course addition, BME 437 was shifted to the second semester of the program, secondary students no longer have the option of taking BME430, and ECI 350 is a course that is no longer used within the program.

10. Approvals

Department Chair/ Unit Head (if appropriate)/ Date

Chair of college curriculum committee/Date

Dean of college/Date

Revised 8/08
Action taken:  

☑ approved as submitted  

☐ approved as modified
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

1. College
   College of Education

3. Academic Plan Name
   B.S. Ed. CTE:
   Occupational Education
   (extended major)

4. Subplan (if applicable)?
   None

5. Effective Date
   FALL 2010

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

*Plan changes must be accompanied by an updated 8 semester plan.
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog: (http://www4.nau.edu/csvio/AcademicCatalog/academiccatalogs.htm)

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

You must take the following 85 units:
- 53 units in career and technical education, industrial, and/or technical areas or a minor from a related field

(Please note that if you have previous trade, industrial, or technical experience, we grant you up to 18 units toward your major requirements upon verification of certification from the teacher-certification unit at the Arizona Department of Education. Additionally, you may earn 35 units for successful passage of a NOCTI test administered by NAU. See your advisor for more information.)
- CTE 291, 300, 301, 431, 433, 465, and 496 (21 units)
- 3 units in computer literacy, such as CIS 120, taken with a letter grade
- CTE 340W, which meets NAU’s junior writing requirement (3 units)
- CTE 495C, which meets NAU’s senior capstone requirement (3 units)
- 2 additional units of CTE courses chosen with your advisor

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

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

You must take the following 85 units:
- 53 units in career and technical education, industrial, and/or technical areas or a minor from a related field

(Please note that if you have previous trade, industrial, or technical experience, we grant you up to 18 units toward your major requirements upon verification of certification from the teacher-certification unit at the Arizona Department of Education. Additionally, you may earn 35 units for successful passage of a NOCTI test administered by NAU. See your advisor for more information.)
- CTE 291, 300, 301, 433, 465, and 496 (18 units)
- 6 units in instructional technology
  (choose from CTE 355, 431, 486)
- CTE 340W, which meets NAU’s junior writing requirement (3 units)
- CTE 495C, which meets NAU’s senior capstone requirement (3 units)
- 2 additional units of CTE courses chosen with your advisor

We have three CTE technology courses (see descriptions below). CTE355 is offered each spring, CTE431 is offered each fall, and CTE486 is offered each summer. As these classes are offered on a regular basis there will be no effect to students being able to complete program requirements within the eight semester plan. Students were previously required to take CTE431 and a computer literacy course. Many students were electing to take CTE355 as their computer literacy course. This plan change will require students to take 6 hours of coursework in instructional technology, it does not change the requirement just the specific classes that can be used to meet the requirement.

CTE355, COMPUTER APPLICATIONS FOR CTE TEACHERS. Appropriate classroom use of the computer in career and technical education.

CTE431, PRESENTATION OF TECHNICAL MATERIAL IN CAREER TECHNOLOGICAL EDUCATION. Selection, design, and production of instructional media.

CTE. 486 MULTIMEDIA DEVELOPMENT. Examines advanced principles and concepts of computer applications related to multimedia development and teaching. Emphasizes using a computer to design, develop, test, and analyze student-created learning and presentation applications. Prerequisite: CTE 355
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.


    Existing program – name/course change only

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

    When this plan changed to an online degree back in 2003, all three of our instructional technology courses had not been developed as online courses (CTE355, CTE431, and CTE486). A plan change was approved at that time to allow students to use any “computer literacy course” instead of requiring CTE355 because CTE355 was not offered online at that time and substitutions were being made for all students. All three courses are now offered online once per year. Additionally, all three courses have gone through a complete curriculum alignment process as part of our area’s NCATE efforts. Education degrees should address the student’s ability to use technology for instructional purposes. To align our program with national CTE standards we need to ensure that students are able to appropriately integrate instructional technology. A “computer literacy course” does not address instructional technology standards. Requiring a student’s six hours of technology courses to specifically be instructional technology courses, rather than allowing three hours of general computer literacy, will ensure our program aligns with national standards. Additionally, it will make the instructional technology requirements for both CTE undergraduate degrees the same.

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

    NA – courses already exist and are being taught with current faculty

13. Will this academic plan/subplan affect other majors, liberal studies course offerings, plans/subplans, curricula, or enrollment at NAU? NO

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

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

    Yes

Revised 09/07
Certifications

Department Chair/Unit Head (if appropriate) 4/2/2009

Chair of college curriculum committee 4/7/09

Dean of college 4/6/09

For committee use only

For University Curriculum Committee 4-21-09

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.
Bachelor of Science in Education
Career and Technical Education Occupational Education
2009-2010 Undergraduate Catalog

Degree Progression Plan

53 hour major (CTE, Industrial, and/or Technical courses or minor from related field. Any combination of 53 credits including coursework, NOCTI Exam, or Occupational Experience will meet Major requirements. Most students complete major coursework at a 2-year college and transfer.

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<td>CTE433</td>
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<td>CTE431</td>
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<tr>
<td>Total units</td>
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* Requires admission to the Teacher Education Program.
Ernesto,

This letter is to express our support for CS122L, the lab portion of CS122. As you know, this additional lab experience came about as a result of your express request for additional applied practice for students in CS122, which ME's already take. The CS department was happy to provide this service and take on the additional teaching responsibility.

We intend to offer CS122L every term in conjunction with the regular CS122 lecture, provided that the course is well-populated. This was not the case for the first offering in Spring 2009, but given the both ME and EE are changing their programs to require it --- should not be a problem in the future. It's possible that, until students under your new program (that includes 122L) trickle through the system, we will offer it just once a year to comply with the Provost's prohibition against low-enrollment sections.

Please consider this as full support for the proposed change, i.e., adding CS122L as a required course in the ME curriculum.

regards
Eck

On Feb 18, 2009, at 10:01 AM, F Ernesto Penado wrote:

Eck,

We are in the process of changing our program of study in ME to include CS 122 Lab in addition to CS 122. This program change was presented at the college curriculum committee meeting this past Monday; however, they need a letter of support from the department offering the course (an email is fine). Please send me a letter or email if you support this program change. As a reference, I am attaching the proposal to the CCC for this and other program changes in the ME academic plan.

Thanks,
-Ernesto

F. Ernesto Penado, Ph.D.
Professor and Chair
Department of Mechanical Engineering
College of Engineering, Forestry & Natural Sciences
Northern Arizona University
P.O. Box 15600
Flagstaff, AZ 86011-5600

Phone: (928) 523-9453
Fax: (928) 523-2300
E-mail: Ernesto.Penado@nau.edu
Dr. Eck Doerry, Chair
Department of Computer Science
Northern Arizona University
(928) 523-9377; (928) 523-2300 (fax)

Ernesto,
I am happy to support the changes in the ME program that add EE325 and EE458 to the options that students have in their depth electives. Normally, EE325 is offered on a yearly basis and we are transitioning it from being offered in the spring to be offered in the fall. EE458 is a senior elective that we offer every three or four semesters, depending on the demand and other workload factors.
David Scott
Chair, Electrical Engineering Department

F Ernesto Penado wrote:

> Liz and Dave,
> 
> We are in the process of changing our program of study in ME to include some additional courses from other engineering departments for mechanical engineering “depth electives” to give students additional options and flexibility. The courses that we have proposed to add from Electrical Engineering are EE 325 & EE 458.
>
> This program change was presented at the college curriculum committee meeting this past Monday; however, they need a letter of support from the department offering the courses (an email is fine). Please send me a letter or email if you support this program change. Deb suggested to get the letter from Liz since Dave is out sick and this is probably something Eck wouldn’t know too much about. As a reference, I am attaching the proposal to the CCC for this and other program changes in the ME academic plan.
>
> Thanks,
>
> -Ernesto
>
> F. Ernesto Penado, Ph.D.
> Professor and Chair
> Department of Mechanical Engineering
> College of Engineering, Forestry & Natural Sciences Northern Arizona
> University P.O. Box 15600 Flagstaff, AZ 86011-5600
Ernesto,
I support the ME changes to their program of study. This affects CENE in that we offer the courses listed in your email below. We welcome any ME students who would be interested in using these courses as depth electives.

Wilbert I. Odem, Ph.D., P.E.
Professor and Chair, Dept. of Civil and Environmental Engineering
Interim Chair, Dept. of Construction Management
Northern Arizona University
Box 15600
Flagstaff AZ 86011
928-523-4449

From: F Ernesto Penado
Sent: Wednesday, February 18, 2009 10:22 AM
To: Wilbert Odem
Subject: Letter of support for ME program changes

Willie,

We are in the process of changing our program of study in ME to include some additional courses from other engineering departments for mechanical engineering “depth electives” to give students additional options and flexibility. The courses that we have proposed to add from Civil and Environmental Engineering are CENE 376, CENE 377, CENE 430 and CENE 480.

This program change was presented at the college curriculum committee meeting this past Monday; however, they need a letter of support from the department offering the courses (an email is fine). Please send me a letter or email if you support this program change. As a reference, I am attaching the proposal to the CCC for this and other program changes in the ME academic plan.

Thanks,
-Ernesto

---------------
F. Ernesto Penado, Ph.D.
Professor and Chair
Department of Mechanical Engineering
College of Engineering, Forestry & Natural Sciences
Northern Arizona University
P.O. Box 15600
Flagstaff, AZ 86011-5600
# University Curriculum Committee

## Proposal for new Academic Plan, Plan change, or Plan Deletion

### 1. College
- **College of Education**

### 3. Academic Plan Name
- **BSED CTE Extended Major**

### 5. Effective Date
- **FALL 2010**

### 6. Is this proposal for a:
- [ ] New Plan
- [X] Plan Change*
- [ ] New Subplan Change
- [ ] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.*

### 7. For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog:

(http://www4.nau.edu/aio/AcademicCatalog/academiccatalogue.htm)

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

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

You must take the following 54 units of common courses and emphasis requirements.

**Common Courses (on-line delivery only)**

You take the following 24 units regardless of which emphasis you choose:

- **CTE 300, 355, 433, 465, and 496** (15 units)
- **CTE 340W**, which meets NAU's junior writing requirement (3 units)
- 6 additional units of CTE professional courses chosen with your advisor

You must take the following 51 units of common courses and emphasis requirements.

**Common Courses (on-line delivery only)**

You take the following 24 units regardless of which emphasis you choose:

- **CTE 300, 433, 465, and 496** (12 units)
- **6 units from the following (CTE 355, CTE 431, CTE 486)**
- **CTE 340W**, which meets NAU's junior writing requirement (3 units)
- **3 additional units of CTE professional courses chosen with your advisor**

Revised 09/07
We have three CTE technology courses (see descriptions below). CTE355 is offered each spring, CTE431 is offered each fall, and CTE486 is offered each summer. As these classes are offered on a regular basis there will be no effect to students being able to complete program requirements within the eight semester plan. Many students were electing to take an additional technology course to meet the "6 additional units of CTE professional courses chosen with your advisor." This plan change will require students to take 6 hours of coursework in instructional technology and reduce the "elective" hours to 3 units.

CTE355, COMPUTER APPLICATIONS FOR CTE TEACHERS. Appropriate classroom use of the computer in career and technical education.

CTE431, PRESENTATION OF TECHNICAL MATERIAL IN CAREER TECHNOLOGICAL EDUCATION. Selection, design, and production of instructional media.

CTE 486 MULTIMEDIA DEVELOPMENT. Examines advanced principles and concepts of computer applications related to multimedia development and teaching. Emphasizes using a computer to design, develop, test, and analyze student-created learning and presentation applications. Prerequisite: CTE 355

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 BA/LS 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.

A milestone is already being maintained for this plan. The proposed change does not affect the milestone nor add additional milestone requirements.


   Existing program – course change only

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

   A Program Evaluation was conducted for this plan as part of the NCATE process. It was determined that our program was not adequately addressing instructional technology. During the program evaluation process CTE faculty learned that an ETC course is not required in the professional knowledge courses for secondary education students. It used to be that CTE students took CTE355 and ETC447 – but during this NCATE review process it was discovered that an ETC course is only required for elementary education majors, not secondary majors. The NAU NCATE Institution Report includes Exhibit 2A.3.3 – Assessment System Alignment Table: Initial Programs. In this exhibit the "Ability to appropriately integrate instructional technology” (part of Goal 2) is not addressed in any required ECI classes for secondary education students. This knowledge is described as "assignments specific to program." This knowledge is assessed in the CTE Program with the Lesson Observation Rubric which is used in the CTE465/565 and DCE495/595 student teaching. However, with students only being required to take one technology course (CTE355) the CTE faculty have recommended changing the plan requirements to have student take two of the three offered CTE technology courses to ensure they are adequately prepared to integrate technology into their lessons and classroom.

Revised 09/07
12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?

   NA – courses already exist and are being taught with current faculty

13. Will this academic plan/subplan affect other majors, liberal studies course offerings, plans/subplans, curricula, or enrollment at NAU? NO
    If so, attach supporting documentation from the affected departments/units and college dean.

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

Certifications

Department Chair/ Unit Head (if appropriate)  Date

Chair, 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.
Bachelor of Science in Education  
Career and Technical Education Ext. Major  
Family & Consumer Science, Business Education, Industrial Technology Emphases  
2009-2010 Undergraduate Catalog

**Degree Progression Plan**

See catalog for Major Coursework (30 hours). Most students complete major coursework at a 2-year college and transfer. Occupational experience credit is available to complete the major in Industrial Technology – see catalog for more information.

### Freshman Year

<table>
<thead>
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<th>1st term</th>
<th>2nd term</th>
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<tbody>
<tr>
<td><strong>Major</strong></td>
<td><strong>Major</strong></td>
</tr>
<tr>
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<td>LS Liberal Studies course</td>
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<tr>
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<td>EDF 200 Introduction to Education</td>
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### Sophomore Year

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<tr>
<td>Major Class (FACS, Bus, Ind Tech)</td>
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<tr>
<td>Major Class (FACS, Bus, Ind Tech)</td>
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<td>MAT 150 Principles of Mathematics I</td>
<td>LS Liberal Studies course</td>
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### Junior Year

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<td>CTE433 Prog &amp; Curr Planning</td>
<td>CTE496 Career &amp; Tech Student Org.</td>
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<td>CTE431 Pres Technical Material</td>
<td>CTE355 Comp Apps for CTE Teachers</td>
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<td>EPS325 Ed Psych Secondary</td>
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### Senior Year

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<td>*BME437 SEI Methods</td>
<td>*ECI 495 Supervised Teaching – Secondary</td>
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<td>*ECI450 HS Teaching Methods</td>
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<td>*ECI465 Evaluation of Learning</td>
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<tr>
<td>CTE465 CTE Methods</td>
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<td></td>
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<tr>
<td>LS Liberal Studies course</td>
<td></td>
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<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total units</strong></td>
<td><strong>Total units</strong></td>
</tr>
<tr>
<td>16</td>
<td>12</td>
</tr>
</tbody>
</table>

* Requires admission to the Teacher Education Program.
Is this course a Diversity or Liberal Studies Course? Liberal Studies ☐ Diversity ☐ Both ☐


3. College CEFNS 4. Academic Unit/Department Mechanical Engineering

5. Current course subject/catalog number ME 350

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog)

ME 350 HEAT TRANSFER
Theory and application of heat transfer by conduction, convection, and radiation. Letter grade only. Course fee required. Prerequisite: (CS 122 or CS 122H) and MAT 239 and ME 291 and ME 395 with grades greater than or equal to C

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

ME 450 HEAT TRANSFER
Theory and application of heat transfer by conduction, convection, and radiation. Letter grade only. Course fee required. Prerequisite: (CS 122 or CS 122H) and MAT 239 and ME 291 and ME 395 with grades greater than or equal to C

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes ☐ No ☒ If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation? Yes ☐ No ☒ If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes ☐ No ☒ If yes, has the change been approved by the Articulation Task Force? Yes ☐ No ☒

If this course has been listed in the Course Equivalency Guide, should that listing be left as is ☐ or be revised ☐

If revised, how should it be revised? _____

Revised 8/08
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

<table>
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<td>Current Course Fee  yes ☐ no ☐</td>
<td>If subject or catalog number change</td>
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<tr>
<td>Current Grading Option*</td>
<td>Proposed Grading Option*</td>
</tr>
<tr>
<td>Letter Grade ☐ Pass/Fail ☐ or Both ☐</td>
<td>Letter Grade ☐ Pass/Fail ☐ or Both ☐</td>
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<tr>
<td>Current Repeat for additional Units</td>
<td>Proposed Repeat for additional Units</td>
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<tr>
<td>Current Max number of units</td>
<td>Proposed Max number of units</td>
</tr>
<tr>
<td>Current Prerequisite</td>
<td>Proposed Prerequisite</td>
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<td>(CS 122 or CS 122H) and MAT 239 and ME 291 and ME 395 with grades greater than or equal to C.</td>
<td>(CS 122 or CS 122H) and ME 395 with grades greater than or equal to C.</td>
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<td>Current Co-requisite</td>
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<tr>
<td>Current Co-Convene with</td>
<td>Proposed Co-Convene with</td>
</tr>
<tr>
<td>Current Cross List with</td>
<td>Proposed Cross List with</td>
</tr>
</tbody>
</table>
In 1997, the Mechanical Engineering Program added a senior-level course in experimental methods, ME 495, focusing on experimental applications in the thermal-fluid sciences. The course has been offered the first semester of the senior year in the ME program of study ever since being approved. At the time it was created, the course was formed to include content from the “Heat Transfer” course as a pre-requisite. Because of this, the Heat Transfer course was moved to the Spring semester of the junior year from the Spring semester of the senior year, and renumbered from EGR 450 to ME 350 (note this change also reflects a change of course prefix from an EGR course to a discipline specific course in ME). This change from “450” to “350” was made at the recommendation of the college, since the course was to be taught in the junior year. No changes were made to the content or pre-requisites when moved from the senior-year to the junior-year. Over the past 10 years since making this change, it has become apparent that many junior-level ME students are either not fully prepared for the content of ME 350, or they do not possess the proper pre-requisites. An important pre-requisite for ME 350 is Fluid Mechanics, ME 395, which is scheduled in ME program of study in the Fall semester of the junior year. Often, however, junior ME students do not take ME 395 in the Fall due to insufficient pre-requisites, and therefore cannot take ME 350 in the Spring and end up adding another one semester or full year to their stay at NAU in order to complete their degree. To address this problem, the ME department has decided to return the Heat Transfer course to the senior year, and make it a co-requisite with ME 495. The department feels strongly that the course is currently appropriately numbered at the junior-level, and that its content is appropriate as a senior-level course. Note that the pre-requisites for Heat Transfer (ME 395 and CS 122) are similar to other senior-level ME depth electives which require Fluid Mechanics (e.g. ME 441 Compressible Flow, ME 442 Aerodynamics).

The pre-requisites have been changed to CS 122 and ME 395. Since ME 395 requires MAT 239 and ME 291 as pre-requisites, they are redundant and being dropped.

10. Approvals

[Signatures and dates]

Chair of college curriculum committee/Date

Dean of college/Date

For Committee use only

[Signatures and date]
Action taken: ☑ approved as submitted ☐ approved as modified

Revised 8/08
University Curriculum Committee
Proposal for Course Change

Is this course a Diversity or Liberal Studies Course? Liberal Studies □ Diversity □ Both □


3. College CEFNS

4. Academic Unit/Department Mechanical Engineering

5. Current course subject/catalog number ME 381

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog /www4.nau.edu/alo/AcademicCatalog/academiccatalogs.htm).

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<thead>
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<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ME 381</td>
<td>ADVANCED CAD/CAM</td>
<td>3</td>
</tr>
</tbody>
</table>

Three-dimensional CAD, parametric feature-based design, computer-integrated manufacturing, computer rendering and animation, team design project. 2 hrs. lecture, 1 lab. Letter grade only. Course fee required. Prerequisite: ME 180 and MAT 137 or higher with grades greater than or equal to C

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 482</td>
<td>ADVANCED CAD/CAM</td>
<td>3</td>
</tr>
</tbody>
</table>

Three-dimensional CAD, parametric feature-based design, computer-integrated manufacturing, computer rendering and animation, team design project. 3 hrs. lecture, 1-hr. lab. Letter grade only. Course fee required. Prerequisite: ME 180 and MAT 137 or higher with grades greater than or equal to C

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes □ No □ If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation? Yes □ No □ If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes □ No □ If yes, has the change been approved by the Articulation Task Force? Yes □ No □

If this course has been listed in the Course Equivalency Guide, should that listing be left as is □ or be revised □

If revised, how should it be revised? □

Revised 8/08
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

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<td>If subject or catalog number change</td>
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<tr>
<td>Current Grading Option*</td>
<td>Proposed Grading Option*</td>
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<td>Letter Grade ☐ Pass/Fail ☐ or Both ☐</td>
<td>Letter Grade ☐ Pass/Fail ☐ or Both ☐</td>
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<td>Proposed Prerequisite</td>
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<td>Current Cross List with</td>
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<tr>
<td>Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies ☐ Diversity ☐</td>
<td></td>
</tr>
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9. Justification for course change. Please indicate how past assessments of student learning supported proposed changes.

This course is greatly computer-oriented, which means that in the past 9 years since its inception, the methods have changed considerably. Material has become sufficiently advanced to offer as senior elective at 4XX level. As an example: NAU now has several "rapid prototyping" machines and related software, which were not available as recently as last year—the planning and use of this technology will be included in the course. The study and implementation of rapid prototyping technology is typically reserved for courses at no lower than senior applications in many engineering colleges. The advanced technology is justified, as students are now getting good computer exposure in their junior year (CS 122 is required at that time), allowing them to participate more readily in their senior year. Also, software is sufficiently intuitive today that a lab component is no longer required; however, more capabilities are available for presentation in class. Thus, course will be strictly lecture, in-class, 3 hours per week.

10. Approvals

Department Chair/ Unit Head (if appropriate)/ Date

Chair of college curriculum committee/Date

Dean of college/Date

For Committee use only

Revised 8/08
Action
Given: [ ] approved as submitted [ ] approved as modified

Revised 8/08
### University Curriculum Committee
#### Proposal for Course Change

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<th>Question</th>
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<tr>
<td>Diversity</td>
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<tr>
<td>Course change effective beginning of what term and year?</td>
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<td>CEFNS</td>
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<td>Academic Unit/Department</td>
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<td>ME 392 THERMODYNAMICS II (3)</td>
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<tr>
<td>Steam and gas turbine power plants; Maxwell's relations; gaseous mixtures; combustion analysis; computer applications of first and second law principles. Letter grade only. Course fee required. Prerequisite: (CS 122 or CS 122H) and ME 291 with grades greater than or equal to C</td>
<td>Show the proposed changes in this column. Please <strong>BOLD</strong> the changes, to differentiate from what is not changing.</td>
</tr>
<tr>
<td>Is this course required or an elective in any other plan (major, minor, certificate)?</td>
<td>Yes ☐ No ☒</td>
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<tr>
<td>If yes, explain and provide supporting documentation from the affected departments.</td>
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<tr>
<td>Does this change affect community college articulation?</td>
<td>Yes ☐ No ☒</td>
</tr>
<tr>
<td>If yes, explain how in the justification and provide supporting documentation from the affected institutions.</td>
<td></td>
</tr>
<tr>
<td>Is the course a Common Course as defined by your Articulation Task Force?</td>
<td>Yes ☐ No ☒</td>
</tr>
<tr>
<td>If yes, has the change been approved by the Articulation Task Force?</td>
<td>Yes ☐ No ☐</td>
</tr>
<tr>
<td>If this course has been listed in the <strong>Course Equivalency Guide</strong>, should that listing be left as is ☐ or be revised ☐</td>
<td></td>
</tr>
<tr>
<td>If revised, how should it be revised?</td>
<td></td>
</tr>
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</table>

Revised 8/08
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

<table>
<thead>
<tr>
<th>CURRENT</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Current course subject/catalog number</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Current Course Fee</td>
<td>If subject or catalog number change</td>
</tr>
<tr>
<td>yes □</td>
<td>Move □ or Delete □</td>
</tr>
<tr>
<td>Current Grading Option*</td>
<td>Proposed Grading Option*</td>
</tr>
<tr>
<td>Letter Grade □ Pass/Fail □ or Both □</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Current Prerequisite</td>
<td>Proposed Prerequisite</td>
</tr>
<tr>
<td>(CS 122 or CS 122H) and ME 291 with grades greater than or equal to C</td>
<td>(CS 122 or CS 122H) and ME 291 with grades greater than or equal to C</td>
</tr>
<tr>
<td>Current Co-requisite</td>
<td>Proposed Co-requisite</td>
</tr>
<tr>
<td>Current Co-Convene with</td>
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</tr>
<tr>
<td>Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies □ Diversity □</td>
<td></td>
</tr>
</tbody>
</table>

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.
ME 392 does not make use of the CS 122 prerequisite therefore it should be removed.

10. Approvals

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

Revised 8/08
Action taken: approved as submitted approved as modified
University Curriculum Committee
Proposal for Course Change

1. Is this course a Diversity or Liberal Studies Course?  
   Liberal Studies ☐ Diversity ☐ Both ☐

2. Course change effective beginning of what term and year?  
   (ex. Spring 2008, Summer 2008)  
   See effective dates calendar.  
   Spring 2010

3. College  CEFNS  
4. Academic Unit/Department  Mechanical Engineering

5. Current course subject/catalog number  
   ME 495

6. Current catalog title, course description and units.  
   (Cut and paste from current on-line academic catalog  
   /www4.nau.edu/alio/AcademicCatalog/academiccatalogs.htm).

   ME 495 EXPERIMENTAL METHODS IN THE THERMAL SCIENCES  (3)
   Fundamental methods of acquiring and analyzing experimental data  
   in the thermal sciences, including applied statistics.  
   Experiments in thermodynamics, fluid mechanics, heat transfer,  
   and thermal-fluid systems.  2 hrs. lecture, 2.5 hrs lab;  
   lectures end after ten weeks.  Letter grade only.  
   Course fee required.  Prerequisite:  (EGR 225 or CENE 225)  
   and EE 188 and ME 350 with grades greater than or equal to C

7. Is this course required or an elective in any other plan (major, minor, certificate)?  
   Yes ☐  No ☒  
   If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation?  
   Yes ☐  No ☒  
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

   Is the course a Common Course as defined by your Articulation Task Force?  
   Yes ☐  No ☒  
   If yes, has the change been approved by the Articulation Task Force?  
   Yes ☐  No ☐

Revised 8/08
If this course has been listed in the *Course Equivalency Guide*, should that listing be left as is □ or be revised □.

If revised, how should it be revised? □

---

**IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING**

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<td>Prerequisite: (EGR 225 or CENE 225) and EE 188 and ME 350 with grades greater than or equal to C.</td>
<td>Proposed Prerequisite</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: (EGR 225 or CENE 225) and EE 188 and ME 350 with grades greater than or equal to C. <strong>Prerequisite or Corequisite:</strong> ME 450.</td>
</tr>
<tr>
<td>Current Co-requisite</td>
<td>Proposed Co-requisite</td>
</tr>
<tr>
<td>Current Co-Convene with</td>
<td>Proposed Co-Convene with</td>
</tr>
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</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies □ Diversity □

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

**ME 495** does not use many concepts from heat transfer (ME 450) until the very end of the semester, therefore it can be a pre- or co-requisite of ME 495. Since ME 450 is now offered in the semester as ME 495, converting ME 450 to a co-requisite will allow seniors to take both courses at the same time.

10. Approvals

Department Chair/Unit Head (if appropriate)/Date

Chair of college curriculum committee/Date

Revised 8/08
Approved as submitted
1. Is this course a Diversity or Liberal Studies Course? Liberal Studies □ Diversity □ Both □


3. College  CEFNS  4. Academic Unit/Department  Biology

5. Current course subject/catalog number  BIO 201

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog /www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm).

BIO 201 HUMAN ANATOMY/PHYSIOLOGY I  (4)
Integumentary, skeletal, muscular, nervous, sensory, and endocrine systems in health and disease. 3 hrs. lecture, 3 hrs. lab. Letter grade only. Course fee required. Prerequisite: BIO 181 or BIO 181H

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

BIO 201 HUMAN ANATOMY/PHYSIOLOGY I  (4)
Integumentary, skeletal, muscular, nervous, and sensory systems and endocrine systems in health and disease. 3 hrs. lecture, 3 hrs. lab. Letter grade only. Course fee required. Prerequisite: BIO 181 or BIO 181H

7. Is this course required or an elective in any other plan (major, minor, certificate)?  Yes □ No x□
If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation?  Yes □ No x□
If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes x□ No □
If yes, has the change been approved by the Articulation Task Force? Yes x□ No □

Revised 8/08
If this course has been listed in the *Course Equivalency Guide*, should that listing be left as is □ or be revised □

If revised, how should it be revised? _____

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Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies □ Diversity □

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.
This catalog change will mirror the coverage in all other institutions in Arizona as all other institutions already teach endocrine systems in 202. We are the last institution to make this change.

10. Approvals

David J. Pierotti  Associate Chair  2/12/09  [Signature] [Date]

Department Chair/Unit Head (if appropriate)/Date

[Signature] [Date]

Chair of college curriculum committee/Date

[Signature] [Date]

Dean of college/Date

Revised 8/08
For Committee use only

For University Curriculum Committee/Date

Action taken:  

approved as submitted  

approved as modified
University Curriculum Committee  
Proposal for Course Change

1. Is this course a Diversity or Liberal Studies Course?  
   Liberal Studies □  Diversity □  Both □

2. Course change effective beginning of what term and year?  
   (ex. Spring 2008, Summer 2008)  
   See effective dates calendar.  
   Fall 2009

3. College  CEFNS  4. Academic Unit/Department  Biology

5. Current course subject/catalog number  
   BIO 202

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog) 
   www4.nau.edu/ailo/AcademicCatalog/academiccatalogs.htm). 
   BIO 202 HUMAN ANATOMY/PHYSIOLOGY II  (4) 
   Body fluid, cardiovascular, digestive, respiratory, urinary, and reproductive systems in health and disease. 3 hrs. lecture, 3 hrs. lab. Letter grade only. Course fee required. Prerequisite: BIO 201
   BIO 202 HUMAN ANATOMY/PHYSIOLOGY II  (4) 
   Body fluid, cardiovascular, digestive, respiratory, urinary, reproductive, and endocrine systems in health and disease. 3 hrs. lecture, 3 hrs. lab. Letter grade only. Course fee required. Prerequisite: BIO 201

7. Is this course required or an elective in any other plan (major, minor, certificate)?  Yes □  No x□
   If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation?  Yes □  No x□
   If yes, explain how in the justification and provide supporting documentation from the affected institutions.

   Is the course a Common Course as defined by your Articulation Task Force?  Yes x□  No □
   If yes, has the change been approved by the Articulation Task Force?  Yes x□  No □

Revised 8/08
If this course has been listed in the *Course Equivalency Guide*, should that listing be left as is ☐ or be revised ☐

If revised, how should it be revised? _____

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Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies ☐ Diversity ☐

---

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

This catalog change will mirror the coverage in all other institutions in Arizona as all other institutions already teach endocrine systems in 202. We are the last institution to make this change.

---

10. Approvals

David J. Pierotti  Associate Chair  2/12/09  
Department Chair/ Unit Head (if appropriate)/ Date  
Wendy Fiedler  3/20/09  
Chair of college curriculum committee/Date  
Dean of college/Date  

Revised 8/08
For Committee use only

For University Curriculum Committee/Date

Action taken: [X] approved as submitted          approved as modified

Revised 8/08
University Curriculum Committee
Proposal for Course Deletion


2. College CEFNS 3. Academic Unit/Department Center for Sustainable Environments

4. Current course subject and catalog number ENV 300

5. Current catalog title Problems in Environmental Sciences

6. Is this a Liberal Studies Course or Diversity Course? Liberal Studies ☒ Diversity ☐ Both ☐

7. Is this course currently cross listed or co-convened? Yes ☐ No ☒ If yes, list course __________

8. Is course an elective? ☒ or required for an academic plan/subplan? ☐ If required, for what academic plan/subplan? ____________________________ If required, also submit Proposal for Plan Change.

9. Is this course required or an elective in any other plan? (major, minor, certificate) yes ☐ no ☒ If yes, explain in the justification and provide supporting documentation from the affected departments. __________

10. Does this change affect community college articulation? Yes ☐ No ☒ If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes ☐ No ☒ If yes, has the changed been approved by the Articulation Task Force? Yes ☐ No ☐

If this course is listed in the Course Equivalency Guide, should the listing be changed to departmental elective credit ☐ OR changed to elective credit ☐

11. Justification for course deletion. This general, generic course number was important before we had the opportunity to develop more formalized ENV course options in its place. Now our unit offers several ENV electives, including three new Liberal Studies courses once offered in the ENV 300 format. These newer liberal studies courses are ENV 110, 115, and 181.

12. Approvals

[Signatures and dates]

Department Chair/Unit Head (if appropriate)/ Date

Chair of college curriculum committee/ Date

Revised 9/07
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
# University Curriculum Committee

## Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
<tr>
<th>1. College</th>
<th>CEFNS</th>
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<tbody>
<tr>
<td>2. Academic Unit/Department</td>
<td>Chemistry &amp; Biochemistry</td>
</tr>
<tr>
<td>3. Academic Plan Name</td>
<td>B.S. Environ. Chem. – ACS</td>
</tr>
<tr>
<td>4. Subplan (if applicable)?</td>
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<tr>
<td>5. Effective Date</td>
<td>FALL 2009</td>
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<tr>
<td>6. Is this proposal for a</td>
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</tbody>
</table>
- □ New Plan
- □ New Subplan
- □ Plan Change*  
- □ Subplan Change  
- X Plan Deletion  
- □ Subplan Deletion |

*Plan changes must be accompanied by an updated 8 semester plan.*

7. For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog:  
(http://www4.nau.edu/aid/AcademicCatalog/academiccatalogs.htm)  
Be sure you include all catalog text that pertains to this plan change.

For New Plans, leave this column blank.

### B.S. Environmental Chemistry (extended major) — ACS

To earn this degree, which is certified by the American Chemical Society, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements  
Be aware that you may not use courses with a CHM prefix to satisfy these liberal studies requirements.
- at least 83 units of major requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for

### B.S. Environmental Chemistry (extended major) — ACS

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- at least 83 units of major requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for

Revised 09/07
your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**

Complete the following 83 units:
- MAT 136, 137, 238, and 316 (15 units)
- PHY 161, 161L, and 262 (7 units)
  (PHY 262L is not required.)
- one of CHM 300W or ENG 302W or 305W, each of which meets NAU’s junior writing requirement (3 units)
- at least two courses from CHM

---

your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

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Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**

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- MAT 136, 137, 238, and 316 (15 units)
- PHY 161, 161L, and 262 (7 units)
  (PHY 262L is not required.)
- one of CHM 300W or ENG 302W or 305W, each of which meets NAU’s junior writing requirement (3 units)
- at least two courses from CHM 408C
<table>
<thead>
<tr>
<th>408C or 485C, 497C, and 498C, which together meet NAU's senior capstone requirement (3 units)</th>
<th>485C, 497C, and 498C, which together meet NAU's senior capstone requirement (3 units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 6 units of advanced courses in biology, geology, environmental science, environmental engineering, or other environmental science-related areas</td>
<td>- 6 units of advanced courses in biology, geology, environmental science, environmental engineering, or other environmental science-related areas</td>
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</table>

**GENERAL ELECTIVES**
Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren’t used to meet major, minor, or liberal studies requirements.)

Click here to view our Chemistry and Biochemistry undergraduate courses and faculty.

<table>
<thead>
<tr>
<th>8. For undergraduate plans, will this requirement be a student individualized plan?</th>
<th>X no □ yes</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>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.</em></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>9. For undergraduate plans, will a milestone** be used to:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>□ a. verify satisfactory completion of a non course requirement.</td>
<td></td>
</tr>
<tr>
<td>□ b. indicate admission to a major.</td>
<td></td>
</tr>
<tr>
<td>□ c. will not be used.</td>
<td></td>
</tr>
</tbody>
</table>

**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.

Revised 09/07

Proposal is for deletion of a Plan.

11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes. Data from the Office of the Associate Provost for Academic Administration indicates that the B.S. Environmental Chemistry (extended major) – ACS was underutilized. Furthermore, elimination of this plan will have minimal impact on student choice. Functionally, the plan of study may be obtained under the rubric of the regular B.S. Chemistry (extended major) – ACS, which will be retained.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   The proposal is for a deletion of a Plan.

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.
   Elimination of this plan of study will not significantly affect other majors or plans in our department. The content of this plan can be obtained via the B.S. Chemistry (extended major) – ACS.

14. Will present library holdings support this academic plan/subplan?
   Proposal is for deletion of plan.

Certifications:

[Signature]
Department Chair/Unit Head (if appropriate) 2/19/09

[Signature]
Chair of college curriculum committee 5/23/09

[Signature]
Dean of college 5/16/09

For committee use only

[Signature] 4/21/09

For University Curriculum Committee

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.
### University Curriculum Committee

**Proposal for new Academic Plan, Plan change, or Plan Deletion**

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<td>3. Academic Plan Name</td>
<td>B.S. Geochemistry (Extended Major)</td>
</tr>
<tr>
<td>4. Subplan (if applicable)?</td>
<td></td>
</tr>
<tr>
<td>5. Effective Date</td>
<td>FALL 2009</td>
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<tr>
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<tr>
<td></td>
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*Plan changes must be accompanied by an updated 8 semester plan.*

For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online 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.

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### B.S. GEOCHEMISTRY (EXTENDED MAJOR)

To earn this degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements
  
Be aware that you may not use courses with a CHM prefix to satisfy these liberal studies requirements.

- at least 80 units of major requirements

- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be

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

(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.)

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### B.S. GEOCHEMISTRY (EXTENDED MAJOR)

To earn this degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements

Be aware that you may not use courses with a CHM prefix to satisfy these liberal studies requirements.

- at least 80 units of major requirements

- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in

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Revised 09/07
able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**Major Requirements**
You must complete at least the following 80 units:

- CHM 151, 151L, 152, 152L, 235, 235L, 238, 320, 320L, 341, and 350 (27 units)
- GLG 101, 102, 103, 104, 240, 309, 315, 324, and 435 (26 units)
- 6 additional units from upper-division (300-level or higher) CHM courses
- MAT 136 and 137 (8 units)
- PHY 161, 161L, and 262 (7 units) (PHY 262L is not required.)
- one of CHM 300W or ENG 302W or ENG 305W, each of which meets the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**Major Requirements**
You must complete at least the following 80 units:

- CHM 151, 151L, 152, 152L, 235, 235L, 238, 320, 320L, 341, and 350 (27 units)
- GLG 101, 102, 103, 104, 240, 309, 315, 324, and 435 (26 units)
- 6 additional units from upper-division (300-level or higher) CHM courses
- MAT 136 and 137 (8 units)
- PHY 161, 161L, and 262 (7 units) (PHY 262L is not required.)
- one of CHM 300W or ENG 302W or ENG 305W, each of which meets
NAU’s junior writing requirement (3 units)
- at least two courses (3 units) from CHM 408C or 485C, 497C, and 498C, which together meet NAU’s senior capstone requirement, or the 6-unit geology capstone GLG 440C

**GENERAL ELECTIVES**
Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren’t used to meet major, minor, or liberal studies requirements.)

Click here to view our Chemistry and Biochemistry undergraduate courses and faculty.

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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 BA/LS 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.


Revised 09/07
Proposal is for deletion of a Plan.

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

Data from the Office of the Associate Provost for Academic Administration indicates that the B.S. Geochemistry (Extended Major) was underutilized. Furthermore, elimination of this plan will have minimal impact on student choice. Functionally, the plan of study may be obtained under the rubric of the regular B.S. Chemistry (Extended Major), which will be retained.

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

The proposal is for a deletion of a Plan.

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.

Elimination of this plan of study will not significantly affect other majors or plans in our department. The content of this plan can be obtained via the B.S. Chemistry (Extended Major).

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

Proposal is for deletion of plan.

Certifications:

[Signatures and dates filled in]

[Signature of Department Chair/Unit Head] [Signature of Chair of College Curriculum Committee] [Signature of Dean of College]

For committee use only

[Signature] [Date]

For University Curriculum Committee [Signature] [Date]

Action taken: [X] 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.

Revised 09/07
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

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<td>Chemistry &amp; Biochemistry</td>
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<tr>
<td>3. Academic Plan Name</td>
<td>Chemistry Secondary Education Minor</td>
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*Plan changes must be accompanied by an updated 8 semester plan.

For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online 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.

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**MINOR CHEMISTRY SECONDARY EDUCATION**

To complete this minor, you take one of the following 20-unit groups of courses, with your chemistry advisor's approval:
- either CHM 151, 151L, 152, 235, and 238; one of CHM 320, 341, 350, and 360; and 2 additional units in nonduplicating CHM courses (20 units)
- or CHM 130, 151L, 230, and 230L; two of CHM 320, 341, 350, and 360; and 5 additional units of CHM coursework (20 units)

Be aware that most chemistry courses have prerequisites that you must also take. Click here to view our Chemistry and

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Revised 09/07
Biochemistry undergraduate courses and faculty.

8. For undergraduate plans, will this requirement be a student individualized plan*? X 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.


Proposal is for deletion of a Plan.

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

Data from the Office of the Associate Provost for Academic Administration indicates that the Chemistry Secondary Education Minor was underutilized. Furthermore, elimination of this plan will have minimal impact on student choice. Functionally, the plan of study may be obtained under the rubric of the regular Chemistry Minor, which will be retained.

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

The proposal is for a deletion of a Plan.

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.

Elimination of this plan of study will not significantly affect other majors or plans in our department. The content of this plan can be obtained via the regular Chemistry Minor.

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

Proposal is for deletion of plan.

Certifications:

[Signatures and dates]

For committee use only

Revised 09/07
For University Curriculum Committee

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.

Revised 09/07
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

1. College  CEFNS  2. Academic Unit/Department  Department of Physics and Astronomy

3. Academic Plan Name  Physical Science Minor  4. Subplan (if applicable)?

5. Effective Date  FALL  2009

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

*Plan changes must be accompanied by an updated 8 semester plan.

7.
MINOR PHYSICAL SCIENCE
To complete this minor, take the following 22 units:

- PHY 111, 111L, 112, and 112L (8 units)
- PHS 313 (3 units)
- CHM 130 and 230 or CHM 151 and 152 (7 units)
- CHM 151L and 152L (2 units)
- 2 units of additional courses in physical sciences

Be aware that some courses required for your minor may have prerequisites that you must also take. Check all course descriptions to find out.

For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog:
(http://www4.nau.edu/ain/AcademicCatalog/academiccatalogs.htm)
Be sure you include all catalog text that pertains to this plan change.

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.
(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.)

MINOR PHYSICAL SCIENCE
To complete this minor, take the following 22 units:

- PHY 111, 111L, 112, and 112L (8 units)
- PHS 313 (3 units)
- CHM 130 and 230 or CHM 151 and 152 (7 units)
- CHM 151L and 152L (2 units)
- 2 units of additional courses in physical sciences

Be aware that some courses required for your minor may have prerequisites that you must also take. Check all course descriptions to find out.

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 35-unit BA/LV 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.


Revised 09/07
11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.

We are deleting this low enrollment minor to aid in CEFNS curricular efficiency.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   no additional faculty, space or equipment is needed since this is a plan deletion

13. Will this academic plan/subplan affect other majors, liberal studies course offerings, plans/subplans, curricula, or enrollment at NAU? NO
    If so, attach supporting documentation from the affected departments/units and college dean.

14. Will present library holdings support this academic plan/subplan?
    Present holdings are fine since this is a plan deletion - no additional holdings are required

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.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

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<td>Bachelor of Science in Geology</td>
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<td>4. Subplan (if applicable)?</td>
<td>Engineering (extended major)</td>
</tr>
<tr>
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*Plan changes must be accompanied by an updated 8 semester plan.

Revised 09/07
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Be sure you include all catalog text that pertains to this plan change.

For New Plans, leave this column blank.

To earn this degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of [liberal studies requirements](#). Be aware that you may not use courses with a GLG prefix to satisfy any of these liberal studies requirements.
- at least 88 units of major requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a [list of the available diversity courses](#).

Also be aware that NAU requires that at

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

To earn this degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of [liberal studies requirements](#).
- Be aware that you may not use courses with a GLG prefix to satisfy any of these liberal studies requirements.
- at least 88 units of major requirements
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Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a [list of the available diversity courses](#).

Also be aware that NAU requires that at
least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**
You must complete 88 units of major requirements, as we explain in the following paragraphs.

You take the following 42 units of core requirements:
- GLG 101, 102, 103, 104, 240, 309, 315, 324, 435, and 470 (29 units)
- one of GLG 430, or 451 (4 units)
- GLG 350W, which meets NAU’s junior writing requirement (3 units)
- GLG 440C, which meets NAU’s senior capstone requirement (6 units)
- Please note that we also recommend GLG 441 and 490.

You also take 22 units of coursework that are specific to this major:
- GLG 360, CENE 251, 253, 253L, and 383:383L, and MAT 238 (19 units)
- at least 3 units selected with your advisor’s approval from GLG 225, 430, and 451, and MAT 239

You also take 22 units of coursework that are specific to this major:
- GLG 360, CENE 251, 253, 253L, and 383:383L, and MAT 238 (19 units)
- at least 3 units selected with your advisor’s approval from GLG 225, 430, and 451, and MAT 239

Finalised 09/07
Finally, you take at least 24 units of mathematics and science support courses:
- CHM 151, 151L, 152, and 152L (9 units)
- PHY 161, 161L, and 262 (7 units)
- or PHY 111, 111L, 112, and 112L (8 units) (We recommend PHY 161, 161L, and 262.)
- MAT 136 and 137 (8 units)

**GENERAL ELECTIVES**
Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren’t used to meet major, minor, or liberal studies requirements.)

Click here for more information about Geology undergraduate courses and faculty.

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- CHM 151, 151L, 152, and 152L (9 units)
- PHY 161, 161L, and 262 (7 units)
- or PHY 111, 111L, 112, and 112L (8 units) (We recommend PHY 161, 161L, and 262.)
- MAT 136 and 137 (8 units)

**GENERAL ELECTIVES**
Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren’t used to meet major, minor, or liberal studies requirements.)

Click here for more information about Geology undergraduate courses and faculty.

---

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

Revised 09/07
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.


   Not applicable

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

   Data from the Office of the Associate Provost for Academic Administration indicates that the B.S. in Geology – Engineering (extended major) was underutilized. Furthermore, elimination of this plan will have minimal impact on student choice. Functionally, the plan of study may be obtained under the rubric of regular the B.S. in Geology (Extended Major), which will be retained.

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

   The proposal is for a deletion of a subplan.

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.

   Elimination of this plan of study will not significantly affect other majors or plans in our department.

   The content of this plan can be obtained via the B.S. in Geology (Extended Major).

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

   Proposal is for deletion of a subplan.
Certifications

Department Chair/Unit Head (if appropriate)  

Chair of college curriculum committee  

Dean of college  

For committee use only  

For University Curriculum Committee  

Action taken:  

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.
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<td>4. Subplan (if applicable)?</td>
<td>Geochemistry (extended major)</td>
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6. Is this proposal for a:
- [ ] New Plan
- [ ] Plan Change*
- [X] Subplan Deletion
- [ ] New Subplan
- [ ] Subplan Change

*Plan changes must be accompanied by an updated 8 semester plan.

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<td>- at least 79 units of major requirements</td>
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<td>- elective courses, if needed, to reach an overall total of at least 120 units</td>
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Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for

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Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal-studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for
least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**

You must complete 79 units of major requirements, as we explain in the following paragraphs.

You take the following 42 units of core requirements:
- GLG 101, 102, 103, 104, 240, 309, 315, 324, 435 and 470 (29 units)
- one of GLG 360, 430, or 451 (4 units)
- GLG 350W, which meets NAU’s junior writing requirement (3 units)
- GLG 440C, which meets NAU’s senior capstone requirement (6 units)

Please note that we also recommend GLG 441 and 490.

You also take 13 units of coursework that are specific to this major:
- PHY 263 (3 units)
- CHM 230, 320, 320L, and 341 (10 units)

Finally, you take at least 24 units of your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**

You must complete 79 units of major requirements, as we explain in the following paragraphs.

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Please note that we also recommend GLG 441 and 490.

You also take 13 units of coursework that are specific to this major:
- PHY 263 (3 units)
- CHM 230, 320, 320L, and 341 (10 units)

Finally, you take at least 24 units of
mathematics and science support courses:

- CHM 151, 151L, 152, and 152L (9 units)
- PHY 161, 161L, and 262 (7 units)
- or PHY 111, 111L, 112, and 112L (8 units) (We recommend PHY 161, 161L, and 262.)
- MAT 136 and 137 (8 units)

**General Electives**

Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren’t used to meet major, minor, or liberal studies requirements.)

Click here for more information about Geology undergraduate courses and faculty.

---

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

Revised 09/07
A Student Individualized Plan is an academic requirement that varies by student, such as the 15-unit BAIL 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.


Not applicable

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

   Data from the Office of the Associate Provost for Academic Administration indicates that the B.S. in Geology – Geochemistry (extended major) was underutilized. Furthermore, elimination of this plan will have minimal impact on student choice. Functionally, the plan of study may be obtained under the rubric of regular the B.S. in Geology (Extended Major), which will be retained.

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

   The proposal is for a deletion of a subplan.

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.

   Elimination of this plan of study will not significantly affect other majors or plans in our department.

   The content of this plan can be obtained via the B.S. in Geology (Extended Major).

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

   Proposal is for deletion of subplan.
Certifications

Department Chair / Unit Head (if applicable)

Chair of college curriculum committee

Dean of college

For committee use only

For University Curriculum Committee

Action taken:  X 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.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
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<td>3. Academic Plan Name</td>
<td>Bachelor of Science in Geology</td>
<td>4. Subplan (if applicable)?</td>
<td>Geographic Information Systems (extended major)</td>
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<tr>
<td>Effective Date</td>
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6. Is this proposal for a: □ New Plan □ New Subplan □ Plan Change* □ Plan Deletion X Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.

7.
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online 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.

To earn this degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements. Be aware that you may not use courses with a GLG prefix to satisfy any of these liberal studies requirements.
- at least 84 units of major requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.
(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.)

To earn this degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements. Be aware that you may not use courses with a GLG prefix to satisfy any of these liberal studies requirements.
- at least 84 units of major requirements
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Also be aware that NAU requires that at
least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

**MAJOR REQUIREMENTS**
You must complete 84 units of major requirements, as we explain in the following paragraphs.

You take the following 42 units of core requirements:
- GLG 101, 102, 103, 104, 240, 309, 315, 324, 435 and 470 (29 units)
- one of GLG 360 or 451 (4 units)
- GLG 350W, which meets NAU’s junior writing requirement (3 units)
- GLG 440C, which meets NAU’s senior capstone requirement (6 units)

Please note that we also recommend GLG 441 and 490.

You also take 18 units of coursework that are specific to this major:
- GGR 239, 331, and 433 (12 units)
- GLG 430 (4 units)
- at least 2 units selected with your advisor’s approval from GLG 107, 360, 451, 485, and 490; GGR 442

Please note that we also recommend GLG 441 and 490.

You also take 18 units of coursework that are specific to this major:
- GGR 239, 331, and 433 (12 units)
- GLG 430 (4 units)
- at least 2 units selected with your advisor’s approval from GLG 107, 360, 451, 485, and 490; GGR 442

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and 437; and PL 432

Finally, you take at least 24 units of mathematics and science support courses:

- CHM 151, 151L, 152, and 152L (9 units)
- PHY 161, 161L, and 262 (7 units)
- or PHY 111, 111L, 112, and 112L (8 units) (We recommend PHY 161, 161L, and 262.)
- MAT 136 and 137 (8 units)

**General Electives**

Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren't used to meet major, minor, or liberal studies requirements.)

Click here for more information about Geology undergraduate courses and faculty.

...and 437; and PL 432

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Click here for more information about Geology undergraduate courses and faculty.
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 200-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.

    Not applicable

11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.
    Data from the Office of the Associate Provost for Academic Administration indicates that the B.S. in Geology – Geographic Information Systems (extended major) was underutilized. Furthermore, elimination of this plan will have minimal impact on student choice. Functionally, the plan of study may be obtained under the rubric of regular the B.S. in Geology (Extended Major), which will be retained.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
    The proposal is for a deletion of a subplan.

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.
    Elimination of this plan of study will not significantly affect other majors or plans in our department. The content of this plan can be obtained via the B.S. in Geology (Extended Major).

14. Will present library holdings support this academic plan/subplan?
    Proposal is for deletion of a subplan.

Revised 09/07
Certifications

Department Chair/Unit Head (if appropriate)  3/3/09

Chair of college curriculum committee  3/3/09

Dean of college  3/6/09

For committee use only

For University Curriculum Committee  4/21/09

Action taken:  x 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.

Revised 09/07
# University Curriculum Committee

Proposal for new Academic Plan, Plan change, or Plan Deletion

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<tbody>
<tr>
<td>2. Academic Unit/Department</td>
<td>Department of Physics and Astronomy</td>
</tr>
<tr>
<td>3. Academic Plan Name</td>
<td>BS Engineering Physics</td>
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<td>4. Subplan (if applicable)?</td>
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<tr>
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<td>☐ Subplan Deletion</td>
</tr>
<tr>
<td>☐ Subplan Change</td>
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*Plan changes must be accompanied by an updated 8 semester plan.

Please simply delete the 4-year plan for the environmental engineering emphasis

7.

Revised 09/07
B.S. ENGINEERING PHYSICS

Our engineering physics plan brings together elements of both physics and engineering. Our plan provides you with a broader technical education than a pure physics plan, especially preparing you for employment after the B.S. degree as well as establishing a foundation for pursuing post-degree education in either physics or engineering.

To earn this interdisciplinary degree, complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of *liberal studies requirements*. Be aware that you may not use courses with a PHY prefix to satisfy these liberal studies requirements.
- 23 units of preprofessional requirements
- 37 units of professional requirements
- 34 units of emphasis requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used.

Revised 09/07
to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 128 units to graduate. Contact your advisor for details.

**PREPROFESSIONAL REQUIREMENTS**

Complete the following 23 units:

- CHM 151, 151L, and 152 (8 units)
- MAT 136, 137, 238, and 239 (15 units)

**PROFESSIONAL REQUIREMENTS**

The 37 units of requirements for the major are divided into a physics core and an engineering core.

For the physics core, complete the following 24 units:

- PHY 161, 161L, 262, 262L, 263, 265 and 361 (17 units)
- PHY 333W, which meets NAU’s junior writing requirement (3 units)
- PHY 476C and PHY 486C to meet NAU’s senior capstone requirement (4 units) (Substitution of engineering design capstone courses will be allowed but keep in mind that these have additional prerequisites.)

The engineering core consists of the following 13 units:

- EGR 186 and 286 (6 units)
- CENE 225 (3 units)

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 128 units to graduate. Contact your advisor for details.

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Complete the following 23 units:

- CHM 151, 151L, and 152 (8 units)
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**PROFESSIONAL REQUIREMENTS**

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For the physics core, complete the following 24 units:

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- PHY 476C and PHY 486C to meet NAU’s senior capstone requirement (4 units) (Substitution of engineering design capstone courses will be allowed but keep in mind that these have additional prerequisites.)

The engineering core consists of the following 13 units:

- EGR 186 and 286 (6 units)
- CENE 225 (3 units)
- EE 188 and 188L (4 units)

**Emphasis Requirements**

Complete 34 units in one of the three emphases—semiconductor, mechanical, or environmental—described in the following sections.

**Environmental Engineering Emphasis**

For this emphasis, take:

- PHY 451 (3 units)
- ME 252 (3 units)
- CENE 150, 251, 253 and 253L, 280, and 281L (14 units)
- Two of CENE 330, 331, 332, or 333 (6 units)
- 8 additional units of 300- or 400-level technical courses chosen from BIO, CENE, CHM, EE, GLG, MAT, ME, or PHY in consultation with your advisor

**Mechanical Engineering Emphasis**

For this emphasis, take:

- PHY 321 and 331 (6 units)
- ME 252, 291, 340, 386 and 395 (15 units)
- CENE 251, 253 and 253L (7 units)
- 6 additional units of 300- or 400-level technical courses chosen from BIO, CENE, CHM, EE, GLG, MAT, ME, or PHY in consultation with your advisor

**Semiconductor Emphasis**

For this emphasis, you take:

- PHY 331, 332, 441, and 471 (12 units)
- EE 280 and 370 (8 units)
- Two courses from the following: PHY 481, EE 471 or 472 (6 units)
- 8 additional units of 300- or 400-level technical courses chosen from BIO, CENE, CHM, EE, GLG, MAT, ME, or PHY in consultation with your advisor

- EE 188 and 188L (4 units)

**Emphasis Requirements**

Complete 34 units in one of the three emphases—semiconductor or mechanical, or environmental—described in the following sections.

**Environmental Engineering Emphasis**

For this emphasis, take:

- PHY 451 (3 units)
- ME 252 (3 units)
- CENE 150, 251, 253 and 253L, 280, and 281L (14 units)
- Two of CENE 330, 331, 332, or 333 (6 units)
- 8 additional units of 300- or 400-level technical courses chosen from BIO, CENE, CHM, EE, GLG, MAT, ME, or PHY in consultation with your advisor

**Mechanical Engineering Emphasis**

For this emphasis, take:

- PHY 321 and 331 (5 units)
- ME 252, 291, 340, 386 and 395 (15 units)
- CENE 251, 253 and 253L (7 units)
- 6 additional units of 300- or 400-level technical courses chosen from BIO, CENE, CHM, EE, GLG, MAT, ME, or PHY in consultation with your advisor

**Semiconductor Emphasis**

For this emphasis, you take:

- PHY 331, 332, 441, and 471 (12 units)
- EE 280 and 370 (8 units)
- Two courses from the following: PHY 481, EE 471 or 472 (6 units)
- 8 additional units of 300- or 400-level technical courses chosen from BIO, CENE, CHM, EE, GLG, MAT, ME, or PHY in consultation with your advisor

Revised 09/07
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.

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   ☐ a. verify satisfactory completion of a non course requirement.
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**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.


   same as previous plan

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

   We are deleting this low enrollment emphasis to aid in CEFNS curricular efficiency.

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? NO
   If so, attach supporting documentation from the affected departments/units and college dean.

14. Will present library holdings support this academic plan/subplan?
   Proposal is for plan deletion, therefore no additional holdings will be required

Certifications

Department Chair/Unit Head (if appropriate)  Date  3/10/09

Chair of college curriculum committee  Date  3/23/01

Dean of college  Date  4/16/09

For committee use only

For University Curriculum Committee  Date  4/21/09

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.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

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<td>3. Academic Plan Name</td>
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<td>4. Subplan (if applicable)?</td>
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6. Is this proposal for a:
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   - [ ] Plan Change*
   - [ ] Subplan Change
   - [ ] New Subplan
   - [X] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.

7. 

Revised 09/07
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Be sure you include all catalog text that pertains to this plan change

For New Plans, leave this column blank.

ENVIRONMENTAL SCIENCES

College of Engineering, Forestry, and Natural Sciences
Center for Sustainable Environments

Physical Sciences Building, room 119
NAU, PO Box 5694, Flagstaff, AZ 86011-5694
928-523-9333

www.nau.edu/~envsci/

Department Chair
Rod Parnell

Rod.Parnell@nau.edu
Undergraduate Information
You may pursue the following academic plans in NAU’s Department of Environmental Sciences and Education:

- B.S. in environmental sciences: applied geology (extended major)
- B.S. in environmental sciences: applied mathematics (extended major)
- B.S. in environmental sciences: biology (extended major)
- B.S. in environmental sciences: chemistry (extended major)
- B.S. in environmental sciences: environmental administration and policy (extended major)

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

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Revised 09/07
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(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.)
environmental administration and policy (extended major)
- B.S. in environmental sciences: environmental communication (extended major)
- B.S. in environmental sciences: environmental management (extended major)
- B.S. in environmental sciences: microbiology (extended major)
- B.A. Interdisciplinary Studies: environmental sciences (extended major) (NAU-Yuma only)
- B.S. Interdisciplinary Studies: environmental sciences (extended major) (NAU-Yuma only)
- minor in environmental sciences
- content emphasis in environmental sciences (for the B.S.Ed. in elementary education)
- B.A. Environmental Studies
- B.S. Environmental Studies
- Interdisciplinary Minor in Environmental Studies
- B.S. in environmental sciences: environmental communication (extended major)
- B.S. in environmental sciences: environmental management (extended major)
- B.S. in environmental sciences: microbiology (extended major)
- B.A. Interdisciplinary Studies: environmental sciences (extended major) (NAU-Yuma only)
- B.S. Interdisciplinary Studies: environmental sciences (extended major) (NAU-Yuma only)
- minor in environmental sciences
- content emphasis in environmental sciences (for the B.S.Ed. in elementary education)
- B.A. Environmental Studies
- B.S. Environmental Studies
- Interdisciplinary Minor in Environmental Studies

Our academic plans provide a technically rigorous introduction to the environmental sciences, preparing you for a career in research, industry, education, government, public service, or law and to compete successfully in graduate and professional schools.

NAU’s academic plans in the environmental sciences provide a solid foundation for entry-level jobs in environmental fields and prepare you for graduate programs in science, education, law, or policy. All

Revised 09/07
foundation for entry-level jobs in environmental fields and prepare you for graduate programs in science, education, law, or policy. All environmental science majors take a series of interdisciplinary core courses, usually team-taught by scientists with different backgrounds and specialties, providing you with a broad perspective on environmental issues.

You choose an academic plan in environmental science from one of eight disciplines: applied geology, applied mathematics, biology, chemistry, environmental communication, environmental management, environmental administration and policy, and microbiology. Environmentally focused courses in these disciplines deepen your understanding of environmental processes from the more specific perspective of a particular academic area. An integral part of our program is an internship or research experience with a faculty researcher, governmental agency, environmental organization, or private company. Our fieldwork and research course allows you to search for solutions to real problems while working with professionals, acquiring important experience, and making connections with potential employers.

Click here for information about Environmental Sciences undergraduate courses and faculty.

Graduate Information
You may pursue the following programs in environmental sciences:
- M.S. in environmental sciences
- certificate in conservation ecology

We offer the M.S. in environmental sciences and policy to provide advanced education for scientists and managers in the interdisciplinary environmental sciences.

Our certificate program in conservation ecology is designed to prepare conservation professionals to meet the technical, cross-
environmental science majors take a series of interdisciplinary core courses, usually team-taught by scientists with different backgrounds and specialties, providing you with a broad perspective on environmental issues.

You choose an academic plan in environmental science from one of eight disciplines: applied geology, applied mathematics, biology, chemistry, environmental communication, environmental management, environmental administration and policy, and microbiology. Environmentally focused courses in these disciplines deepen your understanding of environmental processes from the more specific perspective of a particular academic area. An integral part of our program is an internship or research experience with a faculty researcher, governmental agency, environmental organization, or private company. Our fieldwork and research course allows you to search for solutions to real problems while working with professionals, acquiring important experience, and making connections with potential employers.

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Graduate Information
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- M.S. in environmental sciences
- Certificate in conservation ecology

We offer the M.S. in environmental sciences and policy to provide advanced education for scientists and managers in the interdisciplinary environmental sciences.

Our certificate program in conservation ecology is designed to prepare conservation professionals to meet the technical, cross-
the interdisciplinary environmental sciences.

Our certificate program in conservation ecology is designed to prepare conservation professionals to meet the technical, cross-cultural, and policy challenges of conservation initiatives.

We designed these programs to help you understand the complex interactions between the natural world and human society. Through this program, you learn to think across traditional disciplinary boundaries and to become skilled in integrating interdisciplinary science and policy issues.

Click here for information about Environmental Sciences graduate courses and faculty.

<table>
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<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

| 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. |

| N/A |

Revised 09/07
11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes. 
   This change has nothing to do with assessment of student learning, it is a response to the need to simplify our degree offerings.

Students in our major who are interested in extra training in Microbiology can get it through the Biology emphasis.

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

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. 
   no

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

---

Certifications

Department Chair/Unit Head (if appropriate)  3/21/09
Walter A. Wallerstedt  3/23/09
Chair of college curriculum committee  5/1/09
Dean of college

For committee use only  4/21/09
For University Curriculum Committee

Action taken:  ✔ approved as submitted

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.

Revised 09/07
11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes. This change has nothing to do with assessment of student learning, it is a response to the need to simplify our degree offerings.

Students in our major who are interested in extra training in Microbiology can get it through the Biology emphasis.

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

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.
no

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

Certifications

[Signatures]

Department Chair/Unit Head (if appropriate)

Chair of college curriculum committee

Dean of college

Date 3/2/09
Date 3/23/09
Date 3/7/09

For committee use only

[Signature]

For University Curriculum Committee

Date 4/21/09

Action taken: [X] approved as submitted

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.
### University Curriculum Committee
#### Proposal for Course Change

<table>
<thead>
<tr>
<th>Is this course a Diversity or Liberal Studies Course?</th>
<th>Liberal Studies</th>
<th>Diversity</th>
<th>Both</th>
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</thead>
</table>

2. Course change effective beginning of what term and year?  
Fall 2009

3. College  
SBS

4. Academic Unit/Department  
Psychology

5. Current course subject/catalog number  
PSY 491

| Current catalog title, course description and units. (Cut and paste from current on-line academic catalog) [www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm].  
PSY 491 PSYCHOLOGY OF WOMEN  
(3) Psychological theory and research regarding the impact of gender on women's lives, personalities, abilities, relationships, sexuality, and physical and mental health. Prerequisite: PSY 101 or 101H or International Exchange Student Group | Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing.  
PSY 491 PSYCHOLOGY OF GENDER WOMEN  
(3) Psychological theory and research regarding the impact of gender on women's lives, personalities, abilities, relationships, sexuality, and physical and mental health. Surveys theory and research concerning the construction and enactment of gender in contemporary society. Analyzes assumptions about what causes humans to endorse gendered lives and how being gendered affects identity and behavior. Models for increasing gender role flexibility and broader social identities are examined. Prerequisite: PSY 101 or 101H or International Exchange Student Group |

6. Is this course required or an elective in any other plan (major, minor, certificate)?  
Yes X  
No □

If yes, explain and provide supporting documentation from the affected departments.  
PSY 491 is an option for plans within Women's and Gender Studies...

7. Does this change affect community college articulation?  
Yes □  
No X

If yes, explain how in the justification and provide supporting documentation from the affected institutions.

8. Is the course a Common Course as defined by your Articulation Task Force?  
Yes □  
No □

If yes, has the change been approved by the Articulation Task Force?  
Yes □  
No □

If this course has been listed in the [Course Equivalency Guide](#), should that listing be left as is □  
or be revised □

If revised, how should it be revised?  

**Revised 8/09**
IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>PROPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current course subject/catalog number</td>
<td>Proposed course subject/catalog number</td>
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<tr>
<td>Current number of units/credits</td>
<td>Proposed number of units/credits</td>
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<tr>
<td>Current Course Fee</td>
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<td>If subject or catalog number change</td>
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<td>Current Grading Option*</td>
<td>Proposed Grading Option*</td>
</tr>
<tr>
<td>Letter Grade</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>Letter Grade</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>Current Repeat for additional Units</td>
<td>Proposed Repeat for additional Units</td>
</tr>
<tr>
<td>Current Max number of units</td>
<td>Proposed Max number of units</td>
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<td>Current Prerequisite</td>
<td>Proposed Prerequisite</td>
</tr>
<tr>
<td>Current Co-requisite</td>
<td>Proposed Co-requisite</td>
</tr>
<tr>
<td>Current Co-Convene with</td>
<td>Proposed Co-Convene with</td>
</tr>
<tr>
<td>Current Cross List with</td>
<td>Proposed Cross List with</td>
</tr>
</tbody>
</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list? Liberal Studies | Diversity |

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

Over the past 15 years, and the last 8- to 9-years in particular, multi-disciplinary perspectives within the field of Psychology have expanded investigations of gender. Current discourses now examine psychological, behavioral, and relational processes of gender differences and strengths in relation to literatures on the psychologies of women and men. Changes to the course title and description update current changes in the discipline.

10. Approvals

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: X approved as submitted approved as modified
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
<tr>
<th>1. College</th>
<th>SBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Academic Plan Name</td>
<td>Bachelor of Arts - Interdisciplinary Studies</td>
</tr>
<tr>
<td>2. Academic Unit/Department</td>
<td>Psychology</td>
</tr>
<tr>
<td>4. Subplan (if applicable)?</td>
<td>Psychology emphasis</td>
</tr>
<tr>
<td>5. Effective Date</td>
<td>FALL 2009</td>
</tr>
<tr>
<td>6. Is this proposal for a:</td>
<td>☐ New Plan</td>
</tr>
<tr>
<td></td>
<td>☐ New Subplan</td>
</tr>
</tbody>
</table>

*Plan changes must be accompanied by an updated 8 semester plan.*

7.

Revised 09/07
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.html](http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.html)

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

**For New Plans, leave this column blank.**

Emphasis Requirements

To complete this emphasis, you take the following 25 units:

* PSY 101 and 230 (7 units)

* PSY 302W, which meets NAU's junior writing requirement (4 units)

* 6-7 units from PSY 320, 350, 355, 370, and 432

or 6-7 units from PSY 227, 240, 250, 277, 340, 345W, and 375

One of the following capstone courses: PSY 405C, 408C, 450C, 460C, 480C, 486C, or 490C to meet NAU's senior capstone requirement (3 units). To fulfill the capstone requirement, you must also complete an on-line survey while you are enrolled in one of these capstone courses.

* 3-4 additional units of psychology coursework (Please note that NAU's junior writing requirement is satisfied by taking PSY 302W, which is a required course. However, this requirement can also be met by taking one of PSY 325W or 345W or ENG 305W within these additional units of coursework.)

Please note that you may only transfer community college courses into this emphasis that are designated in the Arizona Higher Education Course Equivalency Guide as either Direct Course Equivalencies or as Departmental Elective Credit. To transfer courses from institutions outside Arizona or from Arizona colleges or universities that don't have formal articulation agreements with NAU, you must obtain the department chair's approval.

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted. (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.)

Delete all information from the catalog pertaining to the Psychology emphasis for BIS

Revised 09/07
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 BA/LS 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 noncourse 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.


11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.
    The Psychology Department has had limited enrollment in this subplan and therefore wishes to delete the subplan.

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?

Revised 09/07
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.

Revised 09/07
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
<tr>
<th>1. College</th>
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<tr>
<td>2. Academic Unit/Department</td>
<td>Psychology</td>
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<td>3. Academic Plan Name</td>
<td>Bachelor of Science - Interdisciplinary Studies</td>
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<tr>
<td>4. Subplan (if applicable)?</td>
<td>Psychology emphasis</td>
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<tr>
<td>5. Effective Date</td>
<td>FALL 2009</td>
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<tr>
<td>6. Is this proposal for a:</td>
<td>□ Plan Change*</td>
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<td>Plan Deletion</td>
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<td></td>
<td>X Subplan Deletion</td>
</tr>
</tbody>
</table>

*Plan changes must be accompanied by an updated 8 semester plan.*
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog: [link](http://www4.nau.edu/ain/AcademicCatalog/academiccatalog.htm).

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

**For New Plans, leave this column blank.**

Emphasis Requirements

To complete this emphasis, you take the following 25 units:

* PSY 101 and 230 (7 units)
* PSY 302W, which meets NAU's junior writing requirement (4 units)
* 6-7 units from PSY 320, 350, 355, 370, and 432
* or 6-7 units from PSY 227, 240, 250, 277, 340, 345W, and 375

One of the following capstone courses: PSY 405C, 408C, 450C, 460C, 480C, 486C, OR 490C to meet NAU's senior capstone requirement (3 units). To fulfill the capstone requirement, you must also complete an on-line survey while you are enrolled in one of these capstone courses.

* 3-4 additional units of psychology coursework (Please note that NAU's junior writing requirement is satisfied by taking PSY 302W, which is a required course. However, this requirement can also be met by taking one of PSY 325W or 345W or ENG 305W within these additional units of coursework.)

Please note that you may only transfer community college courses into this emphasis that are designated in the Arizona Higher Education Course Equivalency Guide as either Direct Course Equivalencies or as Departmental Elective Credit. To transfer courses from institutions outside Arizona or from Arizona colleges or universities that don't have formal articulation agreements with NAU, you must obtain the department chair's approval.

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted. (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.)

Delete all information from the catalog pertaining to the Psychology emphasis for BIS.
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 noncourse 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.


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

   The Psychology Department has had limited enrollment in this subplan and therefore wishes to delete the subplan.

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 3-17-09

Chair of college curriculum committee ______________________ Date

Dean of college ______________________ Date

For committee use only

For University Curriculum Committee ______________________ Date 4-21-09

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.
University Curriculum Committee
Proposal for Course Change

Is this course a Diversity or Liberal Studies Course? □ Liberal Studies □ Diversity □ Both □


3. College CHHS □ 4. Academic Unit/Department Dental Hygiene

5. Current course subject/catalog number DH-227

6. Current catalog title, course description and units. (Cut and paste from current on-line academic catalog /www4.nau.edu/airo/AcademicCatalog/academiccatalogs.htm).

DH 227 PRECLINICAL DENTAL HYGIENE (5)

Professional roles of the dental hygienist. Theory and practice of dental hygiene, emphasizing prevention and individualized care. May be repeated for a maximum of 5 units. 2 lecture, 6 hrs. lab. Letter grade only. Course fee required. Prerequisite: DH 101 and Dental Hygiene Milestone

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

DH 227 PRE CLINICAL DENTAL HYGIENE (3)

Professional roles of the dental hygienist. Theory and practice of dental hygiene, emphasizing prevention and individualized care. May be repeated for a maximum of 3 units. 2 hrs. lecture, 2 hrs. lab. Letter grade only. Course fee required. Prerequisite: DH 101 and Dental Hygiene Milestone

7. Is this course required or an elective in any other plan (major, minor, certificate)? Yes □ No X

If yes, explain and provide supporting documentation from the affected departments.

8. Does this change affect community college articulation? Yes □ No X

If yes, explain how in the justification and provide supporting documentation from the affected institutions.

Is the course a Common Course as defined by your Articulation Task Force? Yes □ No □

Revised 8/08
If yes, has the change been approved by the Articulation Task Force?  Yes  No

If this course has been listed in the Course Equivalency Guide, should that listing be left as is or be revised?

If revised, how should it be revised? ______

**IN THE FOLLOWING SECTION, COMPLETE ONLY WHAT IS CHANGING**

<table>
<thead>
<tr>
<th>CURRENT</th>
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<td>Current course subject/catalog number</td>
<td>Proposed course subject/catalog number</td>
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<tr>
<td>Current number of units/credits 5</td>
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<td>Current Course Fee yes no</td>
<td>If subject or catalog number change, Move or Delete</td>
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<td>Current Grading Option* Letter Grade  Pass/Fail or Both</td>
<td>Proposed Grading Option* Letter Grade  Pass/Fail or Both</td>
</tr>
<tr>
<td>Current Repeat for additional Units 5</td>
<td>Proposed Repeat for additional Units 3</td>
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<td>Current Max number of units</td>
<td>Proposed Max number of units</td>
</tr>
<tr>
<td>Current Prerequisite</td>
<td>Proposed Prerequisite</td>
</tr>
<tr>
<td>Current Co-requisite</td>
<td>Proposed Co-requisite</td>
</tr>
<tr>
<td>Current Co-Convene with</td>
<td>Proposed Co-Convene with</td>
</tr>
<tr>
<td>Current Cross List with</td>
<td>Proposed Cross List with</td>
</tr>
</tbody>
</table>

Do you want to remove this course from either the Liberal Studies Course list and or the Diversity Course list?  Liberal Studies  Diversity

9. Justification for course change. Please indicate how past assessments of student learning prompted proposed changes.

Reorganization and reduction in credit from 5 to 3 will save money by employing less faculty. Similar student outcomes will be achieved by standardizing the instruction with one faculty member.

10. Approvals

[Signatures and dates]

Revised 8/08
Action taken: approved as submitted  □ approved as modified
# University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
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<th>1. College</th>
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<tbody>
<tr>
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<td>Dental Hygiene Extended Major</td>
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<td>6. Is this proposal for a:</td>
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<tr>
<td></td>
<td>□ New Subplan</td>
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</table>

Revised 09/07
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog:
(http://www4.nau.edu/ao/AcademicCatalog/academiccatalogs.htm)
Be sure you include all catalog text that pertains to this plan change.

To earn this degree, you must complete at least 124 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements. Be aware that you may not use courses with a DH prefix to satisfy these liberal studies requirements.
- at least 31 units of preprofessional requirements
- at least 84 units of major requirements
- elective courses, if needed, to reach an overall total of at least 124 units

**MAJOR REQUIREMENTS**

After you have been accepted into the dental hygiene plan, you take the following 84 units:

- SOC 101 (3 units)
- DH 208 and 227 (8 units)
- BIO 205 (4 units)
- DH 228, 235, 235L, and 338 (11 units)
- BIO 320 (3 units)
- DH 340 (3 units)
- DH 300, 319, 319L (enroll in 3 labs), 369, 369L, 370, and 418 (13 units)
- DH 320, 320L (enroll in 3 labs), 326, 419, and 450 (13 units)
- DH 373W, which meets NAU's junior writing requirement (3 units)
- DH 339 (1 unit)
- DH 408 (3 units)
- DH 354, 425, and 425L (enroll in 4 labs) (8 units)
- DH 416, 426, 426L (enroll in 4 labs), and

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

To earn this degree, you must complete at least 122 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements. Be aware that you may not use courses with a DH prefix to satisfy these liberal studies requirements.
- at least 31 units of preprofessional requirements
- at least 82 units of major requirements
- elective courses, if needed, to reach an overall total of at least 122 units

**MAJOR REQUIREMENTS**

After you have been accepted into the dental hygiene plan, you take the following 82 units:

- SOC 101 (3 units)
- DH 208 and 227 (6 units)
- BIO 205 (4 units)
- DH 228, 235, 235L, and 338 (11 units)
- BIO 320 (3 units)
- DH 340 (3 units)
- DH 300, 319, 319L (enroll in 3 labs), 369, 369L, 370, and 418 (13 units)
- DH 320, 320L (enroll in 3 labs), 326, 419, and 450 (13 units)
- DH 373W, which meets NAU's junior writing requirement (3 units)
- DH 339 (1 unit)
- DH 408 (3 units)
- DH 354, 425, and 425L (enroll in 4 labs) (8 units)

Revised 09/07
470 (8 units)
  • DH 495C, which meets NAU's senior capstone requirement (3 units)

DH 227 PRECLINICAL DENTAL HYGIENE (5)

Professional roles of the dental hygienist. Theory and practice of dental hygiene, emphasizing prevention and individualized care. May be repeated for a maximum of 5 units. 2 hrs. lecture, 6 hrs. lab. Letter grade only. Course fee required. Prerequisite: Dental Hygiene Milestone

For New Plans, leave this column blank.

8. For undergraduate plans, will this requirement be a student individualized plan**? X 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. X
   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.


   Students will successfully meet the competencies and values as outlined in the Dental Hygiene Student Competencies to become competent oral health providers using health promotion and disease prevention strategies.

   Students will be able to formulate comprehensive oral hygiene care plans that are patient-centered and based on current scientific evidence and evaluate the effectiveness of services provided.

   Students will be able to employ professional judgment and critical thinking skills to analyze and creatively address situations in a safe, ethical, and legal manner.

   Students will be able to demonstrate effective interpersonal skills through actions, oral and written communication, and working with diverse populations.

Revised 09/07
Students will demonstrate leadership skills and provide service to the community through health promotion activities and education.

Students will be able to demonstrate a self-responsibility for professional growth and optimum patient care.

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

Reorganization and reduction in credit from 5 to 3 will save money by employing less faculty. Similar student outcomes will be achieved by standardizing the instruction with one faculty member.

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

Not applicable

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.

Not applicable

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

Yes

Certifications

[Signatures and dates]

For committee use only

[Signature and 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.
### Bachelor of Science in Dental Hygiene
#### Degree Progression Plan

<table>
<thead>
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<th>Freshman Year</th>
<th>1st term</th>
<th>2nd term</th>
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<tbody>
<tr>
<td>DH 102</td>
<td>Dental Hygiene Orientation</td>
<td>PSY 101</td>
</tr>
<tr>
<td>BIO 181</td>
<td>Unity of Life I</td>
<td>BIO 201</td>
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<td>CHM 130</td>
<td>Fundamental Chemistry</td>
<td>ENG 105</td>
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<td>CHM 151L</td>
<td>Chemistry Lab</td>
<td>NTS 135</td>
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<tr>
<td>STA 270*</td>
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<td>TOTAL UNITS: 13</td>
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<th>Anatomy &amp; Physiology II</th>
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*At this point students must be accepted into the Dental Hygiene Department*

*All prerequisite courses must be completed prior to entering the program.*

<table>
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<tr>
<th>Sophomore Year</th>
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<td>DH 208</td>
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<td>DH 228</td>
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<td>SOC 101</td>
<td>Global or Ethnic Diversity</td>
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<td>Periodontics I</td>
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| AHI (6 units) | LS elective (3) | SPW (6 units) | CU (6 units) | Science (7 units) | Ethnic and Global |

*Revised, March 2009, L Jerome*
NORTHERN ARIZONA UNIVERSITY
Bachelor of Science in Dental Hygiene
2009-2010

Admission Requirements and Application Process for Dental Hygiene

The Dental Hygiene program at NAU adheres to a 1+3 curriculum, where one year of prerequisite coursework is combined with three years of dental hygiene coursework at NAU. Students must have completed (or be in the process of completing) 32 units of coursework including completion of 7 credit units of CHM 130 and lab plus BIO 181 prior to applying to the program. The prerequisites are listed in the Degree Progression Plan (on the other side of this sheet) as the courses to be taken during the freshmen year.

Applications are due February 1 of every year. The application, tips to completing the application, and criteria for scoring the application can be found at the Dental Hygiene website. http://jan.ucc.nau.edu/~dh-p/

*If you choose to take PSY 230 instead of STA 270, you will need to complete another math course for your university required liberal studies math foundation, such as MAT 114.

GENERAL INFORMATION

This Degree Progression Plan is to be used in conjunction with the academic catalog and degree progress report. Many courses have pre-requisites. Please check the academic catalog for pre-requisite and placement information.

Students should see an academic advisor regularly to confirm their academic progress.
Students must see an academic advisor before enrollment for the 7th term in preparation for graduation.
Submit graduation application during 7th term.
Honors students complete different requirements to meet NAU's liberal studies program. Students should consult an Honors Program advisor for complete information on fulfilling Honors Liberal Studies requirements.

All NAU students are required to complete at least 120 total units which includes:
- 35 units of liberal studies courses: http://www4.nau.edu/aio/Articulation/LScourselst.htm
- 6 units of diversity courses: (3 units in Global & 3 units in Ethnic): The diversity requirement may be fulfilled in any part of the program of study.
http://www4.nau.edu/aio/Articulation/DiversityCourseList.htm
- 30 units of upper division courses (300-400 level), 18 of these units must be taken at NAU

English placement: http://www.nau.edu/comp/placement.html
Math placement: http://www.cens.nau.edu/Academic/Math/studentInformation/

You may contact the following people for more information:

Linda Jerome
Academic Advising Coordinator
College of Health and Human Services,
Building # 66, Room 125D
(928) 523-6198
Linda.Jerome@nau.edu

Revised. March 2009, L. Jerome
Nicole:

Per your request, I am attaching the minutes for the Diversity Curriculum Subcommittee's meeting of March 9, 2009

The committee approved SPA 353 as a US Ethnic Diversity course.

Please let me know if you need more information.

John Leung

\[\text{Signed:} \quad \text{4-21-09} \]

\[\text{Submitted} \]
DIVERSITY COURSE/PROGRAM SUBMISSION FORM

Indicate for which Diversity Area the course/program is being submitted:

U.S. Ethnic Diversity  X  Global Diversity Awareness  

Course Prefix and Number  Spa 353

Course Title  CHICANO AND U.S. LATINO LITERATURE

Justification: the class focuses on...

Course description: This course is an introduction to major Latino/a authors in the United States with an emphasis on the contemporary period. We will examine a variety of texts that address the formation of a U.S. Latino/a identity with special attention to gender matters. We will open avenues of discussion by tracing the social and historical contexts of various Latino groups in the U.S. – Chicano, Nuyorican, Cuban American, and Dominican American- to understand the diversity that exists within this group. What constitutes an “American” of Latin American heritage? How do the two cultures mix or do they? How does this identity manifest itself in the literature and other cultural expressions?

We will explore many genres including narrative, poetry, theatre and film to comprehend the development of this cultural and literary movement which spans more than three decades. We will engage in many issues that should stimulate critical thinking, reading and writing on a wide variety of problems pertinent to this Latino/a phenomenon including the following: 1) the role of the writer; 2) narrative strategies; 3) the role of the reader; 4) literature and the reading public; 5) gender and sexuality issues; 6) the place of U.S. Latino/a literature within literature of the Americas, and its ties to American and Latin American canonical literatures.

Please attach support documentation, including the catalogue description and course syllabus. If a program is being submitted, please attach support documentation. New courses must first have College Curriculum Committee approval.  (all documentation must be submitted electronically and hard copy).

Check one:  new course:  _______ modified course:  _______ existing course:  X  

Department Contact Information:

Name:  Cecilia Ojeda

Phone Number  523-5988

Email Address  Cecilia.Ojeda@nau.edu

Campus Box Number  6004

Date of submission  January 3, 2008

Signature of Department Chair  

Signature of Dean  

Submit electronic and hard copy original to Associate Provost for Academic Administration, Ronald.Pitt@nau.edu, Box 6052.

Approved by UCC: 5/04/04
CATALOGUE DESCRIPTION

SPA 353 CHICANO AND U.S. LATINO LITERATURE  (3)

Focuses on literature deriving from a number of different cultures (Chicano, Cuban-American, Puerto Rican, and Latin American), and addresses issues involving cultural, literary, and geopolitical borders. Prerequisite: SPA 321 or International Student Group

COURSE SYLLABUS

Syllabus
Northern Arizona University
College of Arts and Sciences
Department of Modern Languages
Span 353: Chicano and U.S. Latino Literatures
Spring Semester

Prof. Robert A. Neustadt
3:00-4:15 MW, BAA114 (3 credits) Office: 317 BAA
Tel: 523-2411
e-mail: Robert.Neustadt@nau.edu
Office Hours: M and W: 10:00-11:00 and by appointment
Prerequisites: Span 321 (or equivalent)

Course description:
Focuses on literature deriving from a number of different cultures (Chicano, Cuban-American, Puerto Rican and Latin American) and address issues involving cultural, literary and geopolitical borders. The language of instruction is Spanish.

In this course we will study essays, stories, novels, theater, and poetry written by chicanos and latinos who work and reside in the United States. We will examine the process of cultural and narrative hybridism, focusing especially on the phenomenon of frontiers, both national and cultural.

Course objectives:
• To introduce students to the history of the “Chicano Movement” and to the history of Latin American immigration to the U.S.
• To familiarize the student with the “canonical” works of Chicano and Latino literature.
• To improve skills in spoken and written Spanish, specifically in the context of literary analysis.
In addition to providing a forum for literary analysis, the readings will underscore urgent questions regarding identity, representation and multi-culturalism both historically and in contemporary society. The course will not provide "answers" to "problems," but aspires instead to promote active and critical thought on issues affecting Chicanos and Latinos in the United States.
Course structure/approach:
A combination of lecture, class discussion and student group activities.

Texts and material: (Books available at the NAU Bookstore)
Tomás Rivera. ... y no se lo tragó la tierra. (Arte Público Press)

Texts on Electronic Reserve (Cline Library):
http://www.nau.edu/library/courses/spring04/spa353-neustadt/

Evaluation:
10 % Tarea y pruebas. (Homework and quizzes)
40 % 3 mini works, typed, from 1-2 pages to be turned in on the day the text is discussed in class. An additional 10 minute oral presentation may be substituted in place of one of the written works. Talk to the professor beforehand.
5 % 1 Oral presentation
20 % Midterm: One hour exam in class
25 % Final essay: at least 7 pages in length to be turned in on the day of the scheduled final exam.

Grades:
90-100% = A (Outstanding, excellent work in every sense)
80-89% = B (Good work, well thought out. The work is clearly superior to that described in the requirements for a "C".
70-79% = C (Evidence of solid effort and progress toward the course objectives)
60-69% = D (The student has fulfilled the minimum requirements without achieving the objectives of the course. He or she should not take more advanced literature classes.)
0-59% = F (The work does not fulfill the minimum requirements of the course)

Attendance:
See Rules of the Department of Modern Languages.

Provisional Calendar: Note: !The calendar can change. If you miss a class it is your responsibility to come prepared to the next session. Please contact another student in the class.

Week 1
Gina Valdés, "Where you from?" (Handout)

Video: Chicano! (VT 5472)
14 Luis Valdés, Early Works. “Las dos caras del Patroncito, (Two faces of the boss)"
“La quinta temporada( The fifth season)” “Los vendidos, (The sold ones)"
19 MLK, holiday
Jorge Ulica “Do you speak Pocho?” (101, Lit chicana), Alurista, “Tarde sobría (Somber afternoon)” (234, Lit chicana). Roberto Gonzalez Echevarría “Is Spanglish a Language” (handout). Margalit Fox “The good the bad and the ugly—they’re all myths” (handout) Video: Latino Artists: Pushing Artistic Boundaries II (ASCO) VT 5419
21 José Martí, "Nuestra América." (Handout)
Alurista, selected poems from Floricanto (Electronic Reserve),

Week 3
26 Corky Gonzalez "Yo soy Joaquin" (My name is Joaquin) (207, Lit chicana), Abelardo “Stupid America” (223, Lit chicana), José Montoya “El Louie” (224, Lit chicana). Música: El Vez, “We’re going to Aztlán”
28 Oscar Zeta Acosta, selecciones de The Revolt of the Cockroach People (Paquete), raúlsalinás “Los caudillos” (231, Lit chicana) Música: Aztlán Nation

1st paper due by today.
Oscar J. Martínez, "A History of Chicanos/Mexicanos Along the U.S.-Mexico Border." (Handbook of Hispanic Culture in the United States: Literature and Art)

Week 4 (February)
2 Angela McEwan-Alvarado, "Naranjas"(Oranges) (Cuentos hispanos), Richard Rodríguez, “Prologue from Hunger and Memory” (62-5, Lit chicana).
4 Tomás Rivera, ... y no se lo tragó la tierra. (and the earth didn’t swallow him up)

Week 5
9 ... y no se lo tragó la tierra.

11 Rosaura Sánchez, “Entró y se sentó, "(He came in and sat down) "Tres generaciones."(*Three generations) (Cuentos hispanos)

2nd paper due by today.

Week 6
.16 “Corrido de Joaquín Murrieta,” (Ballad of Joaquin Murrieta) “Corridos de Gregorio Cortez”(Ballad of Gregorio Cortez), (201-3, Lit chicana), + “Corrido Chicano” (Chicana Ballad) (handout) Música: Tish Hinojosa “Con su pluma en su mano.” (With pen in hand)
18 Mid term. Francisco Lomeli, "Contemporary Chicano Lit' (Handbook of Hispanic Culture in the United States: Literature and Art)

Week 7
23 Movie: "The Ballad of Gregorio Cortez." VT 1047
25 Película: "The Ballad of Gregorio Cortez."

Week 8 (March)
1
3

Week 9
8 Guillermo Gómez-Peña, "Border Brujo" (Border Wizzard/witch) (Paquete), Video.
10 Luis Valdez, "Zoot Suit" (Zoot Suit and other Plays). Película
**Week 10**
15 **Vacaciones**
17
19
Luis Valdez, "Zoot Suit," Lorna Dee Cervantes, "You cramp my style, baby" (handout)
Cherrie Moraga, "La Güera" (White girl) (Literatura chicana, 66-74), Gloria Anzaldúa, "La conciencia de la mestiza," (Conscience of the Mestiza) (Literatura chicana, 75-89) 3rd paper due by today.

**Week 11**
22 Luis Alfaro, "Cuerpo politizado." (Politicized body) (Paquete)
24 Lydia Vélez-Román, "Dioses animalitos y maestros" (Gods, small animals and masters/teachers) (Cuentos hispanos)
Video: Latino Artists: Pushing Artistic Boundaries I (The Newyorean Poet's Cafe) VT 5419

**Week 12**
29 Alfredo Villanueva-Collado, "El día que fuimos a ver la nieve." (The day we went to see snow) (Cuentos hispanos)
31 Magali García Ramírez, "Una Week de siete días" (A seven day week) (Paquete)

**Week 13 (April)**
5 Roberto Fernández, "Raining Backwards." (Cuentos hispanos) William O. Deaver, Jr. "Raining Backwards: Colonization and Death of a Culture." (paquete)
7 Roberto Fernández, "Milagro en la 8 y 12. Miracle between eighth and twelfth")
(Cuentos hispanos) (Hispanic stories)

**Week 14**
12 Carmelita Tropicana, "Milk of Amnesia / Leche de Amnesia." (Paquete)
14 Ruth Behar, "Juban América" (Paquete), Gustavo Pérez Firmat, from Life on the Hyphen (paquete) 4th paper due by today.

**Week 15**
19 Luis F. González-Cruz, "Lázaro volando.(Lazarath in flight)" (Cuentos hispanos)
21 Juan Armando Epble, "Garage Sale" (Cuentos hispanos)

**Week 16**
26 "Salsa: The Soul of the Barrio," (Paquete)
Juan Luis Guerra, "El Costo de la Vida" (The cost of living)(paquete)
Video
28 **Conclusiones**
Rima de Vallbona, "Tejedora de palabras." (Weaver of words) (Cuentos hispanos)

Final paper due Tuesday May 4 at 3:00.
J. Gutiérrez Martínez-Conde, "Aztlán: Geografía, Demografía e Historia." (Paquete)
Michael Meyer, "Los Angeles 2010: A Latino Subcontinent." (Paquete)
Ginger D. Richardson, "Congress Pushing Ahead with Proposals to Make English Official Language." (Paquete)
Gómez-Peña and Fusco, "Bilingualism, Biculturalism, and Borders," and "Nationalism and
Latinos, North and South: A Dialogue." English is Broken Here (p. 147-168).

Chon A. Noriega. "This is Not a Border." (Paquete)
Tomás Ybarra-Frausto, "The Chicano Movement in a Multicultural/Multinational Society." (Paquete)

Fusco and Gómez-Peña, "Radio Pirata: Colón Go Home" (English is Broken Here, p. 178-95)
Rosario Ferré, "La bella durmiente" (Paquete)

María T. Padilla, "Thoughts on Hispanic Heritage Month." (Paquete)
CATALOGUE DESCRIPTION

SPA 353 CHICANO AND U.S. LATINO LITERATURE (3)

Focuses on literature deriving from a number of different cultures (Chicano, Cuban-American, Puerto Rican, and Latin American), and addresses issues involving cultural, literary, and geopolitical borders. Prerequisite: SPA 321 or International Student Group

COURSE SYLLABUS

Spanish 353: Survey of Chicano/U.S. Latino/a Literature
Spring 2007

Dr. Juanita Heredia
Class: MW 3-4:15
Office: Babbitt Annex 103
Office Hours: MTWF 2-3, Th 11-12
Phone: 523-6271
Email: Juanita.Heredia@nau.edu

Course Description: This course is an introduction to major Latino/a authors in the United States with an emphasis on the contemporary period. We will examine a variety of texts that address the formation of a U.S. Latino/a identity with special attention to gender matters. We will open avenues of discussion by tracing the social and historical contexts of various Latino groups in the U.S. –Chicano, Nuyorican, Cuban American, and Dominican American– to understand the diversity that exists within this group. What constitutes an “American” of Latin American heritage? How do the two cultures mix or do they? How does this identity manifest itself in the literature and other cultural expressions? We will explore many genres including narrative, poetry, theatre and film to comprehend the development of this cultural and literary movement which spans more than three decades. We will engage in many issues that should stimulate critical thinking, reading and writing on a wide variety of problems pertinent to this Latino/a phenomenon including the following: 1) the role of the writer; 2) narrative strategies; 3) the role of the reader; 4) literature and the reading public; 5) gender and sexuality issues; 6) the place of U.S. Latino/a literature within literature of the Americas, and its ties to American and Latin American canonical literatures.

Required Books:

Anzaldúa, Gloria. Borderlands/La frontera
Cisneros, Sandra. Woman Hollering Creek
Díaz, Junot. Drown
García, Cristina. Dreaming in Cuban
Ortiz Cofre, Judith. Silent Dancing: Memoirs of a Puerto Rican Childhood
Rodríguez, Richard. Hunger of Memory: The Education of Richard Rodríguez
Handouts or articles (electronic reserve at Cline Library)
Course requirements:
10 commentaries/response papers – 50%
1 oral presentation & paper – 10%
Participation/attendance – 10%
1 Midterm – 15%
1 Final – 15%

Participation/attendance: You are expected to come to class fully prepared. This means that you must read actively and come to class with questions, thoughts and problems we can all engage. Your class participation should reflect good preparation, strong reading skills, consideration for the viewpoints of your fellow classmates, and a contribution to the flow of discussion. Even though one person will be responsible for leading class discussion for a daily reading assignment, everyone must participate. You are also required to keep a journal to be turned in periodically. You will be given short writing assignments either in class or at home. This is an opportunity for you to brainstorm ideas that may develop further in your analytical papers. You will be allowed 2 unexcused absences before your grade will be gravely affected.

Papers: You are required to write ten commentaries: each is an analytical paper of 1-1.5 pages (typed, double-spaced) on a pre-assigned topic (both of which are due at the beginning of the assigned dates). You are also to write a paper of 1.5 pp. based on an oral presentation that you will deliver in class. If you turn in a paper late, your final grade on the paper will be affected. Get started early. Please come and talk to me in advance if you have any questions regarding your papers.

Exams: Your midterm, which will be given November 2, will consist of identification and essays. Your final exam on December 9 will be comprehensive and will consist of identifications, short answers and essays. There will be NO MAKE-UPS for either exam so please make all your plans accordingly.

Schedule of reading:

Sept. 28 – Introduction- social and historical context of U.S. Latino/a literature
- Culture Clash’s A Bowl of Beings (video)

THEATRE AND THE CHICANO MOVEMENT

Sept. 30 – Fernández’s “A Mosaic of Latino Literature of the United States”
(reader); introduction from Herencia (reader)
- Luis Váldez’s “El Patroncito” and “Los Vendidos” (reader)

THE SOUTHWEST AND ITS LANDSCAPE

Oct. 5 – Tomas Rivera’s “The Salamanders,” “On the Road to Texas: Pete Fonseca,” and “The Harvest” (reader)
- Américo Paredes’s “The Hammon and the Beans,” “Revenge,” and “An American Dish” (reader)
- Rudolfo Anaya’s “The Silence of the Llano” (reader)
EXPLORING URBAN SPACE

Oct. 14 – Rodríguez’s Hunger of Memory
- excerpts from Days of Obligation

GENDER MATTERS

Oct. 7 – Anzaldúa’s Borderlands/La frontera

Oct. 12 – Anzaldúa’s Borderlands/La frontera

Oct. 19 – Cisneros’s Woman Hollering Creek

Oct. 21 – Woman Hollering Creek, Viramontes’s “The Moths” and “Cariboo Café” and Moraga’s “A Long Line of Vendidas” (reader)
DUE: PAPER #1

BETWEEN THE MAINLAND AND THE ISLAND – PUERTO RICO

Oct. 26 – Nuyorican Poets Café Scene (selected poems from Puerto Rican Writers)
- Excerpt from Piri Thomas’s Down These Mean Streets and
Nicholasa Mohr’s “Mr. Mendelsohn” and “The Wrong Lunch Line” (reader)

Oct. 28 – MIDTERM

Nov. 2 – Ortiz Cofer’s Silent Dancing

Nov. 4 – Ortiz Cofer’s Silent Dancing

ACROSS THE RHYTHM OF THE SEA - CUBA

Nov. 9 – García’s Dreaming in Cuban

Nov. 11 – holiday

Nov. 16 – García’s Dreaming in Cuban

Nov. 18 – García’s Dreaming in Cuban

Nov. 23 – Film, Mambo Kings
DUE: PAPER #2

BETWEEN THE CITY AND THE ISLAND - DOMINICAN REPUBLIC

Nov. 30 – Julia Alvarez’s essays from Something to Declare (reader)
- PAPER #2 (Recommend: Film, In the Time of the Butterflies)

Dec. 2 – Junot Díaz’s Drown

Dec. 9 – FINAL EXAM (no makeups) 8-10A.M.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

1. College: Arts and Letters

2. Academic Unit/Department: Theatre

3. Academic Plan Name: BA Theatre

4. Subplan (if applicable)?

5. Effective Date: FALL 2009

6. Is this proposal for a:
   - [ ] New Plan
   - [ ] Plan Change*
   - [ ] Plan Deletion
   - [x] New Subplan
   - [ ] Subplan Change
   - [ ] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan.

7. This change is unique in that we are asking to add it to an existing degree as an additional plan. We have changes on the table for the other focus or subplans so I included that language with the added focus or subplan highlighted.

Revised 09/07
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog: [http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm](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.**

To earn this degree, you must complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of [liberal studies requirements](#). Be aware that you may not use courses with a TH prefix to satisfy these liberal studies requirements. Contact your department for information about liberal studies courses that are specific to this major.
- at least 50 units of major requirements
- at least 18 units of minor requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Also be aware that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

To earn this degree, you must complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of [liberal studies requirements](#). Be aware that you may not use courses with a TH prefix to satisfy these liberal studies requirements.
  Contact your department for information about liberal studies courses that are specific to this major.
- at least 50 units of major requirements
- at least 16 units of language requirements
- at least 18 units of minor requirements
- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

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Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered

Revised 09/07
diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

You must have a grade of C or better in ENG 105 and all courses required for your major as well as a minimum cumulative grade point average of 2.5 in your major.

Be aware that we will only accept up to half of the courses required for your major as transfer credit.

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 120 units to graduate. Contact your advisor for details.

MAJOR REQUIREMENTS
You must complete the following 50 units.

You take 35 units of core requirements.
- TH 113 (taken in the first three semester for a total of 3 units), TH 130, 135, 213, 331, and 352 (17 units)
- 6 units from TH 122, 123 or 124
- TH 202, 204 or 263 (3 units)
- TH 351 or 451 (3 units)
- TH 341W, which meets NAU’s junior writing requirement (3 units)
- TH 490C, which meets NAU’s

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- You also take 15 units in either the performance or the design and

Revised 09/07
senior capstone requirement (3 units)

- You also take 15 units in either the performance or the design and technology focus, as described in the sections that follow.

Design and Technology Focus

Design Students take these 15 units:

- TH 126, 127, 304, and 404 (12 units)
- 3 units from TH 202, 204, or 263

Technology Students take these 15 units:

- TH 313, 363, 304, 404 and 440 (12 units)
- TH 122, 123 or 124 (3 units)

Performance Focus

Students take these 15 units:

- TH 112 and 235 (4 units)
- TH 222 and 242 (3 units)
- 6 units from TH 432, 452, and 472
- plus 2 additional units of TH coursework

**MINOR REQUIREMENTS**

You must complete a minor of at least 18 units from those described in this catalog. In consultation with your advisor, you should select a minor that’s appropriate for your career aspirations and educational needs. Your minor advisor will advise you about this part of your academic plan.

**GENERAL ELECTIVES**

Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 120 units of credit.

technology focus, as described in the sections that follow.

Design and Technology Focus

Design and Technology Students take these 9 units:

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plus

- 3 units from TH 202, 204, or 263

and

- 3 units from TH 440, 363, or 423

For a total of 15 units.

Technology Students take these 15 units:

- TH 313, 363, 304, 404, and 440 (12 units)
- TH 122, 123 or 124 (3 units)

Performance Focus

Students take these 15 units:

- TH 112 and 235 (4 units)
- TH 222 and 242 (3 units)
- 6 units from TH 432, 452, and 472
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THEATRE STUDIES FOCUS

Students take these 15 units:

- 15 additional units of TH coursework approved by your advisor

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Revised 09/07
You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren’t used to meet major, minor, or liberal studies requirements.)

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You must demonstrate proficiency in a language other than English that is equivalent to four terms of university coursework in the same language. You may satisfy this requirement by taking language courses or by testing out of all or part of it by taking CLEP exams arranged by NAU’s Counseling and Testing Center. [Click here for more information.]

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Click here for more information about Theatre undergraduate courses, graduate courses, and Theatre faculty.

---

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.

Revised 09/07
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.
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11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.
    The Department of Theatre realized that a separate degree for Theatre Studies was not the best course of action. Rather the focus should be added to the BA in Theatre and the BS in Theatre to match the current process of BA or BS in Theatre with either a performance or a Design Technology emphasis. So, what we are doing is streamlining the degrees to three foci. This will help with degree productivity without losing the flexibility of the Theatre Studies degree which will appeal to our former education majors as well as students interested in Arts Management or directing.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   None required

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.
    No

14. Will present library holdings support this academic plan/subplan?
    No change

Certifications

Revised 09/07
Department Chair/Unit Head (if appropriate)

Chair of college curriculum committee

Dean of college

Date

For committee use only

For University Curriculum Committee

Action taken:  X  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.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
<tr>
<th>1. College</th>
<th>Arts and Letters</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Academic Plan Name</td>
<td>BS Theatre</td>
</tr>
<tr>
<td>5. Effective Date</td>
<td>FALL 2009</td>
</tr>
<tr>
<td>6. Is this proposal for a:</td>
<td>☐ New Plan, ☑ New Subplan</td>
</tr>
<tr>
<td>4. Subplan (if applicable)?</td>
<td></td>
</tr>
</tbody>
</table>

*Plan changes must be accompanied by an updated 8 semester plan.*

This change is unique in that we are asking to add it to an existing degree as an additional plan. We have changes on the table for the other focus or subplans so I included that language with the added focus or subplan highlighted.

Revised 09/07
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online academic catalog: [http://www4.nau.edu/aio/AcademicCatalog/academiccatalogs.htm](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.

To earn this degree, you must complete at least 120 units of coursework, which we describe in the sections that follow:

- at least 35 units of liberal studies requirements. Be aware that you may not use courses with a TH prefix to satisfy these liberal studies requirements. Contact your department for information about liberal studies courses that are specific to this major.

- at least 50 units of major requirements

- at least 18 units of minor requirements

- elective courses, if needed, to reach an overall total of at least 120 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Also be aware that you must complete NAU’s diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered...

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.

(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.)

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Be aware that we will only accept up to half of the courses required for your major as transfer credit.

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[Click here for more information about Theatre undergraduate courses, graduate courses, and Theatre faculty.]

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Revised 09/07
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   - None required

13. Will this academic plan/subplan affect other majors, liberal studies course offerings, plans/subplans, curricula, or enrollment at NAU?
   - No

14. Will present library holdings support this academic plan/subplan?
   - No change

Certifications

Revised 09/07
Department Chair to be read (if appropriate)

Chair of college curriculum committee

Dean of college

For committee use only

For University Curriculum Committee

Action taken:  

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.
University Curriculum Committee
Proposal for New Course

1. Is this course being proposed for Liberal Studies designation?  Yes X  No □
   If yes, route completed form to Liberal Studies.


3. College  CEFNS  4. Academic Unit /Department  Geology

5. Course subject/catalog number  GLG 265 L  6. Units/Credit Hours  1

7. Long course title  Earthquakes Lab
   (max 100 characters including spaces)

8. Short course title (max. 30 characters including spaces)  Earthquakes Lab

9. Catalog course description (max. 30 words, excluding requisites).
   A lab practical experience for understanding earthquakes and earthquake hazards utilizing seismic data in solving applied problems. Three hour lab plus field trip.

10. Grading option:
    Letter grade  X  Pass/Fail □  or Both □
    (If both, the course may only be offered one way for each respective section.)

11. Co-convened with  11a. Date approved by UGC
    (Must be approved by UGC prior to bringing to UCC. Both course syllabi must be presented)

12. Cross-listed with
    (Please submit a single cross-listed syllabus that will be used for all cross-listed courses.)

13. May course be repeated for additional units?  yes □   no  X
    a. If yes, maximum units allowed?
    b. If yes, may course be repeated for additional units in the same term?  yes □   no □
       (ex. PES 100)

14. Prerequisites (must be completed before proposed course)  None

15. Corequisites (must be completed with proposed course)  GLG 265

16. Is the course needed for a new or existing plan of study (major, minor, certificate)?
   Name of plan?  Minor Geology
   yes □   no □
   Note: If required, a new plan or plan change form must be submitted with this request.
17. Is a potential equivalent course offered at a community college (lower division only) yes □ no X
   If yes, does it require listing in the Course Equivalency Guide? yes □ no □
   Please list, if known, the institution and subject/catalog number of the course

18. Names of current faculty qualified to teach this course: David S. Brumbaugh, David M. Best

19. Justification for new course, including unique features if applicable. (Attach proposed syllabus in the approved university format).

   Students will learn to apply the material by having the opportunity to participate in hands on lab exercises dealing with real earthquake data. These kinds of lab exercises cannot be done in 50 or 75 minutes periods of the lecture sessions in GLG 265.

For Official AIO Use Only:
Component Type
Consent
Topics Course

35. Approvals

[Signatures and dates]
Department Chair (if appropriate) Date
Chair of college curriculum committee Date
Dean of college Date

For Committees use only

[Signature and date]
For University Curriculum Committee Date

Action taken: X Approved as submitted

Approved as modified
College of Engineering, Forestry and Natural Sciences
Department of Geology

Earthquakes Lab GLG 265L
Syllabus

Semester in which course will be first offered: Spring 2010

Clock Hours, credit hours: 1 credit hour, 3 hours class time

Instructors Name: David S. Brumbaugh or David M. Best

Office Address: Rm. 217 Frier Hall, Bldg. 12 (DSB)

Office hours: 3 hours per week, or by appointment

Course Co-requisites: GLG 265

Textbook: Earthquakes and Hazards: a laboratory approach (Brumbaugh)

Course Description: A lab practical experience for understanding earthquake hazards utilizing seismic data in solving applied problems

Student learning expectations/outcomes for this course:

Students will be expected to:
- understand the relationship between faults and earthquakes.
- how the scientific method is applied to the study of earthquakes
- how to locate and determine the size of an earthquake
- relate the study of seismic waves to our knowledge of the Earth’s interior
- have a grasp of how the study of earthquakes was a key element in the acceptance of the plate tectonics hypothesis
- understand how to evaluate the hazards from earthquake generated tsunamis
- know what primary and secondary earthquake hazards are
- construct a seismic hazards zoning map
### Class Schedule for Earthquakes
#### Sample Semester

<table>
<thead>
<tr>
<th>Week Number</th>
<th>Topics</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Organizational meeting</td>
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</tr>
<tr>
<td>2</td>
<td>Faults Field Trip</td>
<td>Lab manual Ex1</td>
</tr>
<tr>
<td>3</td>
<td>Intensity analysis</td>
<td>Lab manual Ex2</td>
</tr>
<tr>
<td>4</td>
<td>Earthquake Location and Size</td>
<td>Lab manual Ex3</td>
</tr>
<tr>
<td>5</td>
<td>Lab Exam</td>
<td></td>
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<tr>
<td>6</td>
<td>Fault Analysis</td>
<td>Lab manual Ex 4</td>
</tr>
<tr>
<td>7</td>
<td>Earthquake Center Visit</td>
<td>Report</td>
</tr>
<tr>
<td>8</td>
<td>Earths Interior</td>
<td>Web assignment</td>
</tr>
<tr>
<td>9</td>
<td>Seismic waves</td>
<td>Lab manual Ex5</td>
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<td>10</td>
<td>Lab Exam</td>
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<tr>
<td>11</td>
<td>Earthquakes and Plate Tectonics</td>
<td>Lab manual Ex 6</td>
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<tr>
<td>12</td>
<td>Earthquakes and Tsunamis</td>
<td>Lab manual Ex 7</td>
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<tr>
<td>13</td>
<td>Earthquake Prediction</td>
<td>Lab manual Ex 8</td>
</tr>
<tr>
<td>14</td>
<td>Thanksgiving holiday</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Lab Exam</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Seismic Hazard Zoning</td>
<td>Lab manual Ex 9</td>
</tr>
</tbody>
</table>

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**Assessment of Student Learning Outcomes**

The assessment approach utilizes standard lab exercises and quizzes based on the exercises. This is uniform throughout the semester and is very useful because it allows the lab instructor to spot problems the student may be having by analysis of the submitted exercises. The lab exercises address the expected learning outcomes outlined in the bullets on page one of the syllabus. Grades will follow the usual scales the students are accustomed to: A = 90-100% of available points; B= 80-89%; C = 79-65%; D= 64-50%. No grades below 50% will be considered to be passing. The timeline for assessment is indicated by the return of the lab exercises, but punctuated by the quizzes. Any student who is not doing well on both will be apprised of his standing three times during the semester, following each quiz. Quizes will not be made up without a written excuse or notification of the instructor before the quiz.
Grading System

Lab Exercises (9) 20 pts. each = 220 points  
Lab Exams (3) 60 pts. each = 180 points  
Total = 400 points

Course Policy

Attendance “You are responsible for regularly attending all classes for which you are registered (From the NAU Undergraduate Catalog, p.53).

Cheating Cheating is very obvious and undermines the friendly and cooperative atmosphere that characterizes our small and close department. Cheating is in violation of the Student Code of Conduct, and will be treated accordingly.

Office Hours I encourage all students to come for help in understanding the material presented or for other course related assistance. If you cannot make scheduled office hours, you can make appointments by sending me an e-mail message or catching me after class.

Professionalism Please conduct yourselves in a professional manner. I will definitely go the extra mile for you in helping you with your education if you are responsible, cooperative, and respectful. Please arrive promptly for class and remain for the entire class period (except in case of illness). Let me know just was you would for an employer—when there are circumstances that prevent you from attending class (and keeping up with your work). A positive, receptive attitude is always appreciated!

Scheduling conflicts: Please let me know at least a week in advance if one of the labs/field trips/ quizzes conflicts with another obligation you have so that some accommodation can be made. In the case of illness, please send me a message by e-mail or phone BEFORE the scheduled activity.

University Policies Please see:  
http://www2.nau.edu/academicadmin/UCCPolicy/plystmtn.html  
and review relevant section on Safe Working and Learning Environment, Students with Disabilities, Academic Integrity, and Academic Contact Hour Policy as they apply to you or as needed.

I am here to help—please come see me as soon as you need any help
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

1. College CEFNS
2. Academic Unit/Department Geology

3. Academic Plan Name Minor Geology
4. Subplan (if applicable)?

5. Effective Date FALL 2009

6. Is this proposal for a:
   - [ ] New Plan
   - [X] Plan Change*
   - [ ] New Subplan
   - [ ] Subplan Change
   - [ ] Plan Deletion
   - [ ] Subplan Deletion

*Plan changes must be accompanied by an updated 8 semester plan. NOT REQUIRED FOR A MINOR

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/alo/AcademicCatalog/academiccatalogs.htm)
   Be sure you include all catalog text that pertains to this plan change.

Show the proposed changes in this column. Please BOLD the changes, to differentiate from what is not changing and strikethrough what is being deleted.
(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.)

To complete this minor, you take the following 20-22 units:
   - GLG 101, 102, 103, 104, 240, and 304 (14 units)
   - two courses from GLG 107, 190, 225, 265, and 430 (6-8 units)

*Be aware that some courses required for your minor may have prerequisites that you must also take. Check the courses in the appropriate subject.

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*Be aware that some courses required for your minor may have prerequisites that you must also take. Check the courses in the appropriate subject.

For New Plans, leave this column blank.
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.

    N/A

11. Justification for proposal. Please indicate how past assessments of student learning prompted proposed changes.
   Students will learn to apply the subject material presented in lecture by having the opportunity to participate in hands on lab exercises dealing with real earthquake data. These kinds of lab exercises cannot be completed in 50 or 75 minute lecture sessions in GLG 265. The lab will contribute to a more meaningful understanding of the course material through observation and manipulation of earthquake seismic data.

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

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.
    N/A

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

Revised 09/07
Certifications

Department Chair/Unit Head (if appropriate)  Date

Chair of college curriculum committee  Date

Dean of college  Date

For committee use only  Date

For University Curriculum Committee  Date

Action taken:  X 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.
University Curriculum Committee
Proposal for new Academic Plan, Plan change, or Plan Deletion

<table>
<thead>
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<td>2. Academic Unit/Department</td>
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<td>3. Academic Plan Name</td>
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<td>4. Subplan (if applicable)?</td>
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<td>5. Effective Date</td>
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<td>6. Is this proposal for a:</td>
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*Plan changes must be accompanied by an updated 8 semester plan.

7.
For Plan Changes, place the existing catalog text in this column. Please copy and paste the text directly from the current online 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.

To earn this degree, complete at least 128 units of coursework, which we describe in the sections that follow:

* at least 35 units of liberal studies requirements. Be aware that you may not use courses with an ME prefix to satisfy these liberal studies requirements.
  * at least 60 units of engineering core requirements
  * at least 46 units of mechanical engineering requirements
  * elective courses, if needed, to reach an overall total of at least 128 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available courses.

To earn this degree, complete at least 129 units of coursework, which we describe in the sections that follow:

* at least 35 units of liberal studies requirements. Be aware that you may not use courses with an ME prefix to satisfy these liberal studies requirements.
  * at least 61 units of engineering core requirements
  * at least 46 units of mechanical engineering requirements
  * elective courses, if needed, to reach an overall total of at least 129 units

Be aware that some courses required for your degree may have prerequisites that you must also take. Check the courses in the appropriate subject. (You may be able to count these prerequisites toward your liberal studies or general elective credit.)

Please note that you must complete NAU's diversity requirements by taking two 3-unit courses, one in ethnic diversity and one in global awareness. These courses may be used to meet other requirements within your academic plan if you choose them carefully. Click here for a list of the available courses.
academic plan if you choose them carefully. Click here for a list of the available diversity courses.

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Also note that you can’t have more than two grades of D in your engineering and computer science courses.

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 129 units to graduate. Contact your advisor for details.

Engineering Core Requirements

These 60 units provide you with the foundation for later advanced studies in your major field as well as basic understanding of other fields in engineering.

* mathematics and science courses: CHM 151 and 151L; MAT 136, 137, 238, and 239; and PHY 161, 161L, and 262 (27 units)

* computer science and engineering courses: CENE 225 and 251, CS 122, EE 188, 188L, EGR 186, 286; ME 180, 252, and 291 (27 units)

Also be aware that NAU requires that at least 30 units of the courses you take for your degree must be upper-division courses (those numbered 300 and above).

Also note that you can’t have more than two grades of D in your engineering and computer science courses.

Finally, please note that you may be able to use some courses to meet more than one requirement; however, you must still meet the total of at least 129 units to graduate. Contact your advisor for details.

Engineering Core Requirements

These 61 units provide you with the foundation for later advanced studies in your major field as well as basic understanding of other fields in engineering.

* mathematics and science courses: CHM 151 and 151L; MAT 136, 137, 238, and 239; and PHY 161, 161L, and 262 (27 units)

* computer science and engineering courses: CENE 225 and 251, CS 122 and 122L, EE 188, 188L, EGR 186, 286; ME 180, 252, and 291 (28 units)

* ME 476C and 486C, which together meet NAU’s senior capstone requirement (6 units)

Mechanical Engineering Requirements
These 46 units include courses designed to give you an overview of mechanical engineering plus depth in the field and breadth in related fields.

Take the following 28 units, which provide an overview of the two branches of mechanical engineering—solid mechanics and thermal and fluid sciences—and give you background for further specialization:

* MAT 362 and CENE 253 and 253L (7 units)
* ENG 302W or 305W with your advisor's approval, either of which meets NAU's junior writing requirement (3 units)
* ME 340, 350, 386, 392, 395, and 495 (18 units) (ME 495 includes a lab component.)

For mechanical engineering depth, you select 9 units from either the courses listed here or from other 300- or 400-level engineering courses with approval from your advisor and department. We encourage you to gain expertise in one of the two primary branches of mechanical engineering, by means of these groupings:

* mechanical design: CENE 376 & 377, EE 325 & 458, ME 454, 455, 467, 482, and 484
* fluid and thermal sciences: CENE 430 & 480, EE 325 & 458, ME 441, 442, 451, and 454

You can also use 500-level courses as depth electives, if you meet the pre-requisites and have advisor approval.
To gain breadth in fields related to mechanical engineering, you also select 9 units of upper-division courses in engineering, natural sciences, business, or mathematics. You must get your advisor's approval for these courses.

General Electives

Additional coursework is required, if, after you have met the previously described requirements, you have not yet completed a total of 129 units of credit.

You may take these remaining courses from any academic areas, using these courses to pursue your specific interests and goals. We encourage you to consult with your advisor to select the courses that will be most advantageous to you. (Please note that you may also use prerequisites or transfer credits as electives if they weren't used to meet major, minor, or liberal studies requirements.)
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.


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

   We will now be requiring CS 122 L for all ME students. In the past we have found that students do not display the necessary confidence in programming to apply their skills to actual engineering problems after completing CS 122. Therefore we are requiring the new lab associated with CS 122, so that students will have more hands-on programming experience and thus more confidence with programming.

   We are also including some additional engineering courses for mechanical engineering “depth electives” to give students additional options and flexibility. These additional choices are all very closely related to mechanical engineering, even though they are offered by other departments.

   Finally, a proposal is being submitted separately to change ME 350 to ME 450, so references to ME 350 in the program of study have been changed to ME 450.

12. If this academic plan/subplan will require additional faculty, space, or equipment, how will these requirements be satisfied?
   None required.

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.
   No.

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

Revised 09/07
Certifications

[Signatures and Dates]

For committee use only

[Signatures and Date]

For University Curriculum Committee

[Signature and 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.
PROGRAM INFORMATION

A minimum of 129 units are required for this degree.

You can not have more than two grades of D in your engineering and computer science courses.

* Take a Liberal Studies course that also satisfies a Diversity requirement.

**Depth electives include 9 units from the following lists or 300-400 level engineering courses with approval from your advisor. It is encouraged that you select course from only one of the two areas.
- Mechanical design: CENE 476 or 377; EE 325 or 458; ME 454, 455, 467, 482 or 484
- Fluid & thermal sciences: CENE 430 or 480; EE 325 or 458; ME 441, 442, 451 or 454
- You can also use 500-level courses as depth electives, if you meet the pre-requisites and have advisor approval

*** Breadth electives include 9 additional units of upper-division courses in engineering, natural sciences, business or mathematics as approved by your academic advisor.

GENERAL INFORMATION

- This degree progression plan is to be used in conjunction with the academic catalog and degree progress report.
- Students should see an academic advisor regularly to confirm their academic progress.
- Students must see an academic advisor before enrollment for the 7th term in preparation for graduation.
- Many courses have pre-requisites. Please check the academic catalog for pre-requisite and placement information.
- Submit graduation application during 7th term.
- Honors students complete different requirements to meet NAU's liberal studies program. Students should consult an Honors Program advisor for complete information on fulfilling Honors Liberal Studies requirements.
- All students are required to complete at least 120 total units which includes:
  - 35 units of liberal studies courses: [http://www4.nau.edu/aio/Articulation/LScourselist.htm](http://www4.nau.edu/aio/Articulation/LScourselist.htm)
  - 6 units of diversity courses (3 units in Global & 3 units in Ethnic). The diversity requirement may be fulfilled in any part of the program of study: [http://www4.nau.edu/aio/Articulation/DiversityCourseList.htm](http://www4.nau.edu/aio/Articulation/DiversityCourseList.htm)
  - 30 units of upper division courses (300-400 level), 18 of these units must be taken at NAU
- Math placement: [http://www.cefnx.nau.edu/Academic/Math/studentInformation/Placement/Placement.shtml](http://www.cefnx.nau.edu/Academic/Math/studentInformation/Placement/Placement.shtml)

CONTACT INFORMATION

Engineering Programs
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Phone: 928-523-5251
Department Chair: Ernesto Penado
Phone: 928-523-9453
Email: Ernesto.Penado@nau.edu

Debbie Wildermuth
Academic Services Coordinator
College of Engineering, Forestry & Natural Sciences
Building 21, Room 102
Phone: 928-523-3842
Email: Debbie.Wildermuth@nau.edu

Revised 3/19/2009
### Bachelor of Science in Engineering
MECHANICAL ENGINEERING
2009-2010 Undergraduate Catalog
Degree Progression Plan

#### Freshman Year

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Total units 16

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Total units 17

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Total units 16

#### Senior Year

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Total units 18

Liberal Studies Distribution blocks

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In support of our commitment to global education for all students and to attract more international students to NAU, we propose adjusting our academic requirements to both reflect and accommodate the circumstances of our incoming students while preserving the academic integrity of the degrees we offer. In a decision comparable to the AGEC policy, we have instituted the INTGE that exempts students earning degrees from NAU and their home university from the NAU Liberal Studies requirements. This has made it possible for Chinese students enrolled in the 1+2+1 program to complete their major requirements in a reasonable amount of time, recognizing that they have met the Liberal Studies requirements at their home institutions. The same policy applies to Chinese students enrolled in the 2+2 program who will receive a bachelor’s degree from their home institution, in addition to the degree they will receive from NAU.

As we expand the 2+2 program to other partner institutions in China, and as we move forward to forge similar relationships with institutions in India, we would like to grant these students the same benefits of the INTGE by recognizing that they have met the Liberal Studies requirements at their home institution. There is no guarantee that students who participate in such programs in the future will complete a degree at their home university. However, we request that the INTGE apply to all student entering NAU under the 1-2-1 and the 2+2 programs. This request is made based upon the premise that when students enter these programs and come to NAU, the intent of the program is that the students will complete a degree at both NAU and the home institution.

The adoption of such a policy for all international students participating in 2+2 programs will allow students to prepare a program of study upon initial matriculation at NAU, help to assure that they complete the requirements for their major within a reasonable amount of time after first arriving at NAU, and assist in attracting more international students to NAU. We request your favorable consideration of this request.