

**UCC/UGC/ECCC**

Proposal for Plan Change or Plan Deletion

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| **FAST TRACK (Select if this will be a fast track item**. **Refer to** [**UCC**](http://www4.nau.edu/avpaa/UCCPolicy/FastTrack.docx) **or** [**UGC**](http://www.nau.edu/gradcol/UGC/UGC_FastTrack_Policy&Process.pdf) **Fast Track Policy for eligibility)** |

***If this proposal represents changes to the intent of the plan or its integral components, review by the college dean, graduate dean (for graduate items) and/or the provost may be required prior to college curricular submission.***

***All Plans with NCATE designation, or plans seeking NCATE designation, must include an NCATE Accreditation Memo of Approval from the NAU NCATE administrator prior to college curricular submission.***

***UCC proposals must include an updated 8-term plan.***

***UGC proposals must include an updated program of study.***

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| 1. College: | **CEFNS** | | | 2. Academic Unit: | | | **SESES** |
|  | |  |  | |  | | |
| 3. Academic      Plan Name: | | **Environmental Studies; B.S. (ENVSTDBSX)** | | 4. Emphasis: | | **Globalization and Environmental Change (GECBSXM)**  **Southwest Environment (SEBSXM)**  **Sustainability, Community and Biocultural Diversity (SCBDBSXM)** | |

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| 5. Plan proposal: | | Plan Change | | Plan Deletion | |
|  | New        Emphasis | | Emphasis       Change | | Emphasis             Deletion |

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| 6. Current student learning outcomes of the plan. If structured as plan/emphasis, include for **both c**ore and emphasis.    **NONE** | Show the proposed changes in this column (if applicable). **Bold** the changes, to differentiate from what is not changing, and change font to **~~Bold Red with strikethrough~~**for what is being deleted. *(*[*Resources, Examples & Tools for Developing Effective Program Student Learning Outcomes*](http://www4.nau.edu/avpaa/Assessment/ProgramLearningOutcomesPDF_090712.pdf)*)*  **Environmental Studies Learning Outcomes Students will demonstrate an understanding of key concepts of Environmental Studies.**   1. **Students will demonstrate the ability to effectively integrate key concepts from physical sciences, life sciences, social sciences, and the humanities in the context of sustainable systems.** 2. **Students will develop the ability to work in a group setting integrating multiple perspectives in addressing an environmental / sustainability challenges.** 3. **Students will demonstrate oral and written skills in presenting interdisciplinary information in environmental studies.** 4. **Students will demonstrate skills in conducting research and/or applying environmental sciences knowledge in an employment setting.** 5. **Students will demonstrate understanding of key concepts and skills in their emphasis.** |

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| 7. Current catalog plan overview and requirements in this column. Cut and paste the *Overview* and *Details* tabs, in their entirety, from the current on-line academic catalog: (<http://catalog.nau.edu/Catalog/>) ***Environmental Studies, Bachelor of Science***  In addition to University Requirements:   * At least 32 units of major requirements * At least 24 units of emphasis requirements * Be aware that you may not use courses with an ENV prefix to satisfy liberal studies requirements * Elective courses, if needed, to reach an overall total of at least 120 units   Please note that you may be able to use some courses to meet more than one requirement. Contact your advisor for details.   | Minimum Units for Completion | 120 | | --- | --- | | GPA | C | | Mathematics Required | [MAT 114](http://catalog.nau.edu/Courses/course?courseId=005202&catalogYear=1314) | | Emphasis, Minor, Certificate | Required | | Fieldwork Experience/Internship | Optional | | Research | Optional | | University Honors Program | Optional | | Progression Plan | [View Progression Plan](http://catalog.nau.edu/ProgressionPlans/index.jsp?inst=NAU00&cat=1314#ENVSTDBSX) |   *Major Requirements*  Take the following 56 units with a Grade of "C" or better in each course (or "Pass" in Pass/Fail courses):  Core Requirements (32 units)   * ENV 181, ENV 230, ENV 301W, ENV 326, ENV 326L (14 units) * Select one course from: ENV 408, ENV 485, ENV 497 (3 units) * ENV 490C (3 units) * COM 150 (3 units) * HUM 175 (3 units) * PHI 331 (3 units) * POS 359 (3 units)   Emphasis Requirements (Select One):  Sustainability, Community, and Biocultural Diversity (24 units)  Natural Sciences, select from the following (6 units):   * AIS 470 * CENE 150 * ENV 115, ENV 440, ENV 440L * FOR 222, FOR 230, FOR 240, FOR 270, FOR 370, FOR 381   Social Sciences, select from the following (9 units):   * ANT 102, ANT 205, ANT 301, ANT 370 * CCJ 312 * ECO 324, ECO 328 * FOR 493 * GCS 350 * GSP 148, GSP 371, GSP 376 * POS 344, POS 455 * PSY 411 * SOC 319, SOC 333, SOC 334, SOC 444   Humanities, select from the following (9 units):   * COM 250 * CM 120 * GCS 352 * HIS 308, HIS 368, HIS 397 * HUM 130, HUM 373   The Southwest Environment (24 units)  Natural Sciences, select from the following (6 units):   * AIS 470 * BIO 414 * CENE 150 * ENV 115, ENV 440, ENV 440L * FOR 230, FOR 250, FOR 270, FOR 340, FOR 370, FOR 381, FOR 479 * GLG 303, GLG 304 * ME 451   Social Sciences, select from the following (9 units):   * ANT 102, ANT 205, ANT 306, ANT 351 * CCJ 312 * ECO 324, ECO 328 * GCS 350 * POS 347, POS 455 * PRM 446 * PSY 411 * SOC 333, SOC 444   Humanities, select from the following (9 units):   * COM 250 * ENG 464 * HIS 308, HIS 368, HIS 381, HIS 397 * HUM 130, HUM 373 * GCS 352   Globalization and Environmental Change (24 units)  Natural Sciences, select from the following (6 units):   * AIS 470 * BIO 373, BIO 374 * CENE 150, CENE 440 * ENV 115, ENV 440, ENV 440L, ENV 495 * FOR 230, FOR 255, FOR 340, FOR 381, FOR 415 * GLG 107, GLG 451 * HS 471   Social Sciences, select from the following (9 units):   * CCJ 312 * ECO 324, ECO 328 * FOR 493 * GSP 240, GSP 241, GSP 376 * POS 344, POS 361, POS 455 * PRM 300 * PSY 411 * SOC 319, SOC 333, SOC 414, SOC 444   Humanities, select from the following (9 units):   * COM 250 * HA 284 * HUM 373 * REL 391   *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.)  *Additional Information*  Be aware that some courses may have prerequisites that you must also take. For prerequisite information click on the course or see your advisor. | Show the proposed changes in this column.  **Bold** the changes, to differentiate from what is not changing, and change font to **~~Bold Red with strikethrough~~** for what is being deleted.  ***Environmental Studies, Bachelor of Science***  In addition to University Requirements:   * At least **~~32~~** **38** units of major requirements * At least **~~24~~** **18** units of emphasis requirements * Be aware that you may not use courses with an ENV prefix to satisfy liberal studies requirements * Elective courses, if needed, to reach an overall total of at least 120 units   Please note that you may be able to use some courses to meet more than one requirement. Contact your advisor for details.   | Minimum Units for Completion | 120 | | --- | --- | | GPA | C | | Mathematics Required | [MAT 114](http://catalog.nau.edu/Courses/course?courseId=005202&catalogYear=1314) | | Emphasis, Minor, Certificate | Required | | Fieldwork Experience/Internship | Optional | | Research | Optional | | University Honors Program | Optional | | Progression Plan | [View Progression Plan](http://catalog.nau.edu/ProgressionPlans/index.jsp?inst=NAU00&cat=1314#ENVSTDBSX) |   *Major Requirements*  Take the following 56 units with a Grade of "C" or better in each course (or "Pass" in Pass/Fail courses):  Core Requirements (**~~32~~** **38** units)   * **ENV 115,** ENV 181, ENV 230, ENV 301W, ENV 326, ENV 326L (**~~14~~** **17** units) * **~~Select one course from: ENV 408, ENV 485, ENV 497 (3 units)~~** * ENV 490C (3 units) * COM 150 (3 units) * HUM 175 (3 units) * PHI 331 (3 units) * **POS 110,** POS 359 (**~~3~~** **6** units) * **Select one course from: ENV 408, ENV 485, ENV 497 (3 units)**   Emphasis Requirements (Select One):  **~~Sustainability, Community, and~~** **Southwest Environments and** Biocultural Diversity (**~~24~~ 18** units)   * **ENV 373 (3 units)**   **Select 15 units from the following:**  Natural Sciences, select **at least one** from **~~the following~~****~~(6 units)~~**:   * AIS 470 * **BIO 414** * **~~CENE 150~~ CENE 440** * **~~ENV 115,~~ ENV 375, ~~ENV 440, ENV 440L~~** * **~~FOR 222,~~** FOR 230, **~~FOR 240,~~** **FOR 250,** FOR 270, FOR 370, FOR 381, **FOR 479** * **GLG 303, GLG 304** * **HS 471**   Social Sciences, select **at least one** from **~~the following (9 units)~~**:   * **~~ANT 102,~~** ANT 205, **~~ANT 301,~~** **ANT 306, ANT 351,** ANT 370 * **~~CCJ 312~~** * **~~ECO 324,~~** ECO 328 * FOR 493 * **~~GCS 350~~** * GSP 148**~~, GSP 371, GSP 376~~** * POS 344**~~, POS 455~~** * PSY 411 * **~~SOC 319, SOC 333,~~** SOC 334**~~, SOC 444~~**   Humanities, select **at least one** from **~~the following~~****~~(9 units)~~**:   * COM 250 * **~~CM 120~~** * **ENG 464** * **~~GCS 352~~** * HIS 308, HIS 368, **HIS 381,** HIS 397 * HUM 130**~~, HUM 373~~**   **~~The Southwest Environment (24 units)~~**  **~~Natural Sciences, select from the following (6 units):~~**   * **~~AIS 470~~** * **~~BIO 414~~** * **~~CENE 150~~** * **~~ENV 115, ENV 440, ENV 440L~~** * **~~FOR 230, FOR 250, FOR 270, FOR 340, FOR 370, FOR 381, FOR 479~~** * **~~GLG 303, GLG 304~~** * **~~ME 451~~**   **~~Social Sciences, select from the following (9 units):~~**   * **~~ANT 102, ANT 205, ANT 306, ANT 351~~** * **~~CCJ 312~~** * **~~ECO 324, ECO 328~~** * **~~GCS 350~~** * **~~POS 347, POS 455~~** * **~~PRM 446~~** * **~~PSY 411~~** * **~~SOC 333, SOC 444~~**   **~~Humanities, select from the following (9 units):~~**   * **~~COM 250~~** * **~~ENG 464~~** * **~~HIS 308, HIS 368, HIS 381, HIS 397~~** * **~~HUM 130, HUM 373~~** * **~~GCS 352~~**   **~~Globalization and~~** **Global Sustainability** **~~Environmental Change~~** (**~~24~~** **18** units)   * **ENV 377 (3 units)**   **Select 15 units from the following:**  Natural Sciences, select **at least one** from **~~the following (6 units)~~**:   * **~~AIS 470~~** * **ANT 102, ANT 301** * BIO 373, BIO 374 * CENE 150**~~, CENE 440~~** * **~~ENV 115,~~** ENV 440, ENV 440L, ENV 495 * **FOR 222,** **~~FOR 230,~~ FOR 240,** FOR 255, FOR 340, **~~FOR 381,~~** FOR 415 * GLG 107, GLG 451 * **~~HS 471~~** * **ME 451**   Social Sciences, select **at least one** from **~~the following (9 units)~~**:   * CCJ 312 * ECO 324**~~, ECO 328~~** * **~~FOR 493~~** * GSP 240, GSP 241, **GSP 371,** GSP 376 * **~~POS 344,~~** **~~POS 361,~~** POS 455 * PRM 300**, PRM 446** * **~~PSY 411~~** * SOC 319, SOC 333, SOC 414, SOC 444   Humanities, select **at least one** from **~~the following (9 units)~~**:   * **CM 120** * **~~COM 250~~** * HA 284 * HUM 373 * REL 391   *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.)  *Additional Information*  Be aware that some courses may have prerequisites that you must also take. For prerequisite information click on the course or see your advisor. |

8. Justification for proposal:

**We are seeking to simplify and strengthen the Environmental Studies degree by (1) reducing the emphasis areas from three to two in order to better focus our content, (2) redistributing the emphasis electives to make the two emphases unique, (3) adding POS 110 as a core requirement so that students are better prepared for POS 359, (4) adding ENV 115 as a core course due to its relevance to environmental and sustainability issues, and (5) adding a required, common emphasis course for each new emphasis to fill a content need, and to help build community within each emphasis.**

9. NCATE designation, if applicable**:**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Initial Plan |  | Advanced Plan | | | |  | Remove Designation | |
| 10. Effective beginning **FALL**: | | | **2014** | |  | | |
| [**See effective dates calendar**](http://www4.nau.edu/avpaa/timelines/1213Effective.xls). | | | |  | | | |

11. Will this proposal impact other plans, sub plans, or course offerings, etc.?

Yes      No

      If yes, describe the impact and include a letter of response from each impacted academic unit.

**See attached notifications to/support memos from: PIA (POS 110)**

**Answer 12-13 for UCC/ECCC only:**

12. A major is differentiated from another major by required course commonality: 24 units of the        required credit hours of a major must be unique, (i.e. not common or not dual use as a required        element in another major), to that major. Does this plan have 24 units of unique required        credit? Yes       No

13. Minor: A planned group of courses from one or more subject matter areas consisting of at least        18 hours and no more than 24 hours. At least 12 hours of the minor must be unique to that minor        to differentiate it from other minors.

       Does this minor have 12 units of unique required credit? Yes       No

**Answer 14-15 for UGC only:**

14. If this is a non-thesis plan, does it require a minimum of 24 units of formal graded coursework?                                                                                                                                       Yes       No

       If no, explain why this proposal should be approved.

15. If this is a thesis plan, does it require a minimum of 18 units of formal graded coursework?                                                                                                                                       Yes       No

       If no, explain why this proposal should be approved.

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| **FLAGSTAFF MOUNTAIN CAMPUS** |  |
| **Scott Galland** | **1/27/2014** |
| Reviewed by Curriculum Process Associate | Date |
|  |  |
| **Approvals**: |  |
|  |  |
| Department Chair/Unit Head (if appropriate) | Date |
|  |  |
| Chair of college curriculum committee | Date |
|  |  |
| Dean of college | Date |
|  |  |
| **For Committee use only:** |  |
|  |  |
| UCC/UGC Approval | Date |

Approved as submitted: Yes  No

Approved as modified: Yes  No

|  |  |
| --- | --- |
| **EXTENDED CAMPUSES** |  |
|  |  |
| Reviewed by Curriculum Process Associate | Date |
|  |  |
| **Approvals:** |  |
|  | |
| Academic Unit Head | Date |
|  | |
| Division Curriculum Committee (Yuma, Yavapai, or Personalized Learning) | Date |
|  | |
| Division Administrator in Extended Campuses (Yuma, Yavapai, or Personalized Learning) | Date |
|  | |
| Faculty Chair of Extended Campuses Curriculum Committee (Yuma, Yavapai, or Personalized Learning) | Date |
|  | |
| Chief Academic Officer; Extended Campuses (or Designee) | Date |
|  |  |

Approved as submitted: Yes  No

Approved as modified: Yes  No

**From:** solop21@gmail.com [mailto:solop21@gmail.com] **On Behalf Of** Fred Solop  
**Sent:** Monday, January 27, 2014 8:40 PM  
**To:** Stuart S Galland  
**Subject:** Re: FW: POS 110 Support

Yes, our department supports the environmental studies degree programs. We can accommodate an additional 40-50 students in this class.

On Mon, Jan 27, 2014 at 5:12 PM, Stuart S Galland <[Stuart.Galland@nau.edu](mailto:Stuart.Galland@nau.edu)> wrote:

Hi Fred,

The SESES is proposing to add POS 110 as a required course for the Environmental Studies BA/BS.   They anticipate an additional 40-50 students per year will need the course.

Please let me know if you support their proposal, or not, or if you need any additional information.

Thanks!

Scott Galland

Curriculum Process Associate

Office of Curriculum, Learning Design, and Academic Assessment

[928-523-1753](tel:928-523-1753)

[928-699-9147](tel:928-699-9147) (cell)

[scott.galland@nau.edu](mailto:scott.galland@nau.edu)