

**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  [***Fast Track Policy***](http://www4.nau.edu/avpaa/UCCPolicy/Agenda_FastTrack_Consent.docx) 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: | College of Engineering, Forestry, and Natural Sciences | | | 2. Academic Unit: | | | School of Earth Sciences and Environmental Sustainability |
|  | |  |  | |  | | |
| 3. Academic      Plan Name: | | Bachelor of Science in Interdisciplinary Studies | | 4. Emphasis: | | Environmental Science | |

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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.  N/A – Plan delete | 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)*).* |

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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/>) In addition to University Requirements:   * At least 67-70 units of major requirements including a specialization (28 units); either a concentration, minor, or certificate (15-18 units); and interdisciplinary studies requirements which include a science requirement (24 units) * Be aware that you may not use courses with an ENV prefix to satisfy liberal studies requirements. In addition, you may not use the specific courses in your concentration, minor, or certificate to also 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 | [STA 270](http://catalog.nau.edu/Courses/course?courseId=008088&catalogYear=1314) | | Emphasis, Minor, Certificate | Required | | Fieldwork Experience/Internship | Optional | | Research | Optional |  Liberal Studies Requirement  * + Contact the department of your specialization for information about liberal studies courses that are specific to your major.   + You may use courses with prefixes in your specialization area to fulfill liberal studies, but you may not use the same course(s) to satisfy your specialization requirements and your liberal studies requirements.   + You may not use the specific courses in your concentration to satisfy liberal studies requirements.   + If you do use some courses to meet more than one requirement, you must still meet the total of at least 120 units to graduate. Contact your Interdisciplinary Studies advisor for details.  Major Requirements  * Take the following 67 - 70 units with a Grade of "C" or better in each course:  **Environmental Sciences Specialization (28 units)**   + [STA 270](http://catalog.nau.edu/Courses/course?courseId=008088&catalogYear=1314), [ENV 230](http://catalog.nau.edu/Courses/course?courseId=002893&catalogYear=1314), [ENV 360](http://catalog.nau.edu/Courses/course?courseId=002894&catalogYear=1314) (11 units)   + [ENV 326](http://catalog.nau.edu/Courses/course?courseId=010078&catalogYear=1314), [ENV 326L](http://catalog.nau.edu/Courses/course?courseId=010079&catalogYear=1314), [POS 359](http://catalog.nau.edu/Courses/course?courseId=006850&catalogYear=1314) (7 units)   + [ENV 385W](http://catalog.nau.edu/Courses/course?courseId=002907&catalogYear=1314) (4 units)   + [ENV 408](http://catalog.nau.edu/Courses/course?courseId=002915&catalogYear=1314) or [ENV 485](http://catalog.nau.edu/Courses/course?courseId=002923&catalogYear=1314) (3 units)   + [ENV 490C](http://catalog.nau.edu/Courses/course?courseId=002925&catalogYear=1314) (3 units)   **Concentration, Minor, or Certificate Requirements (15-18 units)**   * + **Concentration (15 units)** Take at least 15 units that include a minimum of 3 units in each of the following blocks: Ethical Reasoning; Creative Inquiry; Scientific Reasoning; Changing Worlds; and Cultural Perspectives. Courses used to satisfy this requirement may not have been used to satisfy any other requirement for this degree. At least 9 units must be taken at Northern Arizona University and at least 6 units of the 9 units must be upper-division (300- or 400-level).     - **Ethical Reasoning, select from the following (3 units):**       * [COM 150](http://catalog.nau.edu/Courses/course?courseId=001610&catalogYear=1314)       * [HUM 175](http://catalog.nau.edu/Courses/course?courseId=004594&catalogYear=1314), [HUM 371](http://catalog.nau.edu/Courses/course?courseId=004631&catalogYear=1314), [HUM 373](http://catalog.nau.edu/Courses/course?courseId=004633&catalogYear=1314), [HUM 395](http://catalog.nau.edu/Courses/course?courseId=004639&catalogYear=1314)       * [PHI 105](http://catalog.nau.edu/Courses/course?courseId=006458&catalogYear=1314), [PHI 331](http://catalog.nau.edu/Courses/course?courseId=006480&catalogYear=1314)       * [REL 391](http://catalog.nau.edu/Courses/course?courseId=007483&catalogYear=1314)       * [PADM 411](http://catalog.nau.edu/Courses/course?courseId=009913&catalogYear=1314)     - **Creative Inquiry, select from the following (3 units):**       * [ANT 355](http://catalog.nau.edu/Courses/course?courseId=000326&catalogYear=1314), [ARH 351](http://catalog.nau.edu/Courses/course?courseId=000490&catalogYear=1314), [ARH 352](http://catalog.nau.edu/Courses/course?courseId=000491&catalogYear=1314), [ARH 353](http://catalog.nau.edu/Courses/course?courseId=000492&catalogYear=1314)       * [ART 100](http://catalog.nau.edu/Courses/course?courseId=000510&catalogYear=1314), [ART 300](http://catalog.nau.edu/Courses/course?courseId=000572&catalogYear=1314)       * [CCJ 215](http://catalog.nau.edu/Courses/course?courseId=001446&catalogYear=1314)       * [EMF 382](http://catalog.nau.edu/Courses/course?courseId=001624&catalogYear=1314)       * [ENG 121](http://catalog.nau.edu/Courses/course?courseId=002609&catalogYear=1314), [ENG 308](http://catalog.nau.edu/Courses/course?courseId=002658&catalogYear=1314), [ENG 364](http://catalog.nau.edu/Courses/course?courseId=002705&catalogYear=1314)       * [HUM 101](http://catalog.nau.edu/Courses/course?courseId=004590&catalogYear=1314), [HUM 120](http://catalog.nau.edu/Courses/course?courseId=009570&catalogYear=1314), [HUM 351](http://catalog.nau.edu/Courses/course?courseId=004618&catalogYear=1314), [HUM 352](http://catalog.nau.edu/Courses/course?courseId=004619&catalogYear=1314), [HUM 353](http://catalog.nau.edu/Courses/course?courseId=004620&catalogYear=1314), [HUM 370](http://catalog.nau.edu/Courses/course?courseId=004629&catalogYear=1314), [HUM 375](http://catalog.nau.edu/Courses/course?courseId=009571&catalogYear=1314)       * [MUS 260](http://catalog.nau.edu/Courses/course?courseId=005915&catalogYear=1314), [MUS 333](http://catalog.nau.edu/Courses/course?courseId=005938&catalogYear=1314)       * [PHI 240](http://catalog.nau.edu/Courses/course?courseId=006466&catalogYear=1314), [PHI 320](http://catalog.nau.edu/Courses/course?courseId=006472&catalogYear=1314), [PHI 321](http://catalog.nau.edu/Courses/course?courseId=006473&catalogYear=1314), [PHI 322](http://catalog.nau.edu/Courses/course?courseId=006474&catalogYear=1314), [PHI 351](http://catalog.nau.edu/Courses/course?courseId=006497&catalogYear=1314), [PHI 352](http://catalog.nau.edu/Courses/course?courseId=006498&catalogYear=1314)       * [REL 322](http://catalog.nau.edu/Courses/course?courseId=007463&catalogYear=1314), [REL 325](http://catalog.nau.edu/Courses/course?courseId=007464&catalogYear=1314)       * [TH 101](http://catalog.nau.edu/Courses/course?courseId=008272&catalogYear=1314)     - **Scientific Reasoning, select from the following (3 units):**       * [BIO 301](http://catalog.nau.edu/Courses/course?courseId=010075&catalogYear=1314), [BIO 302](http://catalog.nau.edu/Courses/course?courseId=010076&catalogYear=1314)       * [ECO 284](http://catalog.nau.edu/Courses/course?courseId=002201&catalogYear=1314), [ECO 285](http://catalog.nau.edu/Courses/course?courseId=002203&catalogYear=1314)       * [FOR 222](http://catalog.nau.edu/Courses/course?courseId=003338&catalogYear=1314), [FOR 230](http://catalog.nau.edu/Courses/course?courseId=003339&catalogYear=1314)       * [PHI 203](http://catalog.nau.edu/Courses/course?courseId=006462&catalogYear=1314), [PHI 223](http://catalog.nau.edu/Courses/course?courseId=006464&catalogYear=1314), [PHI 359](http://catalog.nau.edu/Courses/course?courseId=006509&catalogYear=1314)       * [POS 303](http://catalog.nau.edu/Courses/course?courseId=006825&catalogYear=1314)       * [PSY 101](http://catalog.nau.edu/Courses/course?courseId=007190&catalogYear=1314), [PSY 240](http://catalog.nau.edu/Courses/course?courseId=007201&catalogYear=1314)       * [SOC 365](http://catalog.nau.edu/Courses/course?courseId=007819&catalogYear=1314)     - **Changing Worlds, select from the following (3 units):**       * [AIS 202](http://catalog.nau.edu/Courses/course?courseId=000213&catalogYear=1314), [AIS 304](http://catalog.nau.edu/Courses/course?courseId=000214&catalogYear=1314)       * [ANT 105](http://catalog.nau.edu/Courses/course?courseId=009744&catalogYear=1314), [ANT 253](http://catalog.nau.edu/Courses/course?courseId=009578&catalogYear=1314), [ANT 301](http://catalog.nau.edu/Courses/course?courseId=000301&catalogYear=1314), [ANT 303](http://catalog.nau.edu/Courses/course?courseId=000305&catalogYear=1314), [ANT 306](http://catalog.nau.edu/Courses/course?courseId=000307&catalogYear=1314), [ANT 350](http://catalog.nau.edu/Courses/course?courseId=000323&catalogYear=1314), [ANT 351](http://catalog.nau.edu/Courses/course?courseId=000325&catalogYear=1314)       * [CCJ 101](http://catalog.nau.edu/Courses/course?courseId=001440&catalogYear=1314), [CCJ 250](http://catalog.nau.edu/Courses/course?courseId=001450&catalogYear=1314), [CCJ 325](http://catalog.nau.edu/Courses/course?courseId=001461&catalogYear=1314), [CCJ 340](http://catalog.nau.edu/Courses/course?courseId=001466&catalogYear=1314), [CCJ 360](http://catalog.nau.edu/Courses/course?courseId=001474&catalogYear=1314), [CCJ 380](http://catalog.nau.edu/Courses/course?courseId=001479&catalogYear=1314)       * [CST 365](http://catalog.nau.edu/Courses/course?courseId=007645&catalogYear=1314)       * [GSP 120](http://catalog.nau.edu/Courses/course?courseId=009747&catalogYear=1314), [GSP 201](http://catalog.nau.edu/Courses/course?courseId=006750&catalogYear=1314), [GSP 240](http://catalog.nau.edu/Courses/course?courseId=003613&catalogYear=1314), [GSP 241](http://catalog.nau.edu/Courses/course?courseId=003614&catalogYear=1314), [GSP 348](http://catalog.nau.edu/Courses/course?courseId=003641&catalogYear=1314), [GSP 376](http://catalog.nau.edu/Courses/course?courseId=003652&catalogYear=1314)       * [HIS 240](http://catalog.nau.edu/Courses/course?courseId=004087&catalogYear=1314), [HIS 241](http://catalog.nau.edu/Courses/course?courseId=004088&catalogYear=1314), [HIS 291](http://catalog.nau.edu/Courses/course?courseId=004098&catalogYear=1314), [HIS 292](http://catalog.nau.edu/Courses/course?courseId=004099&catalogYear=1314), [HIS 308](http://catalog.nau.edu/Courses/course?courseId=004113&catalogYear=1314), [HIS 394](http://catalog.nau.edu/Courses/course?courseId=004150&catalogYear=1314), [HIS 397](http://catalog.nau.edu/Courses/course?courseId=004155&catalogYear=1314)       * [PADM 310](http://catalog.nau.edu/Courses/course?courseId=009909&catalogYear=1314), [PADM 401](http://catalog.nau.edu/Courses/course?courseId=009912&catalogYear=1314)       * [PHI 356](http://catalog.nau.edu/Courses/course?courseId=006504&catalogYear=1314), [PHI 357](http://catalog.nau.edu/Courses/course?courseId=006506&catalogYear=1314)       * [POS 110](http://catalog.nau.edu/Courses/course?courseId=006804&catalogYear=1314), [POS 201](http://catalog.nau.edu/Courses/course?courseId=006809&catalogYear=1314), [POS 210](http://catalog.nau.edu/Courses/course?courseId=006810&catalogYear=1314), [POS 224](http://catalog.nau.edu/Courses/course?courseId=006812&catalogYear=1314), [POS 230](http://catalog.nau.edu/Courses/course?courseId=006813&catalogYear=1314), [POS 231](http://catalog.nau.edu/Courses/course?courseId=006816&catalogYear=1314), [POS 241](http://catalog.nau.edu/Courses/course?courseId=006817&catalogYear=1314), [POS 250](http://catalog.nau.edu/Courses/course?courseId=006818&catalogYear=1314), [POS 254](http://catalog.nau.edu/Courses/course?courseId=006819&catalogYear=1314), [POS 320](http://catalog.nau.edu/Courses/course?courseId=006834&catalogYear=1314), [POS 344](http://catalog.nau.edu/Courses/course?courseId=006841&catalogYear=1314), [POS 355](http://catalog.nau.edu/Courses/course?courseId=006847&catalogYear=1314), [POS 356](http://catalog.nau.edu/Courses/course?courseId=006848&catalogYear=1314), [POS 357](http://catalog.nau.edu/Courses/course?courseId=006849&catalogYear=1314), [POS 359](http://catalog.nau.edu/Courses/course?courseId=006850&catalogYear=1314), [POS 360](http://catalog.nau.edu/Courses/course?courseId=006851&catalogYear=1314), [POS 361](http://catalog.nau.edu/Courses/course?courseId=006852&catalogYear=1314), [POS 362](http://catalog.nau.edu/Courses/course?courseId=006854&catalogYear=1314), [POS 364](http://catalog.nau.edu/Courses/course?courseId=006855&catalogYear=1314)       * [PSY 250](http://catalog.nau.edu/Courses/course?courseId=007202&catalogYear=1314), [PSY 375](http://catalog.nau.edu/Courses/course?courseId=007231&catalogYear=1314)       * [REL 390](http://catalog.nau.edu/Courses/course?courseId=007482&catalogYear=1314)       * [SOC 101](http://catalog.nau.edu/Courses/course?courseId=007761&catalogYear=1314), [SOC 210](http://catalog.nau.edu/Courses/course?courseId=007771&catalogYear=1314), [SOC 301](http://catalog.nau.edu/Courses/course?courseId=007781&catalogYear=1314), [SOC 316](http://catalog.nau.edu/Courses/course?courseId=007793&catalogYear=1314), [SOC 333](http://catalog.nau.edu/Courses/course?courseId=009456&catalogYear=1314), [SOC 339](http://catalog.nau.edu/Courses/course?courseId=007805&catalogYear=1314)     - **Cultural Perspectives, select from the following (3 units):**       * [AIS 101](http://catalog.nau.edu/Courses/course?courseId=000210&catalogYear=1314), [AIS 202](http://catalog.nau.edu/Courses/course?courseId=000213&catalogYear=1314), [AIS 210](http://catalog.nau.edu/Courses/course?courseId=000215&catalogYear=1314), [ANT 102](http://catalog.nau.edu/Courses/course?courseId=000272&catalogYear=1314), [ANT 103](http://catalog.nau.edu/Courses/course?courseId=000273&catalogYear=1314), [ANT 104](http://catalog.nau.edu/Courses/course?courseId=000274&catalogYear=1314), [ANT 205](http://catalog.nau.edu/Courses/course?courseId=000285&catalogYear=1314), [ANT 209](http://catalog.nau.edu/Courses/course?courseId=000287&catalogYear=1314), [ANT 301](http://catalog.nau.edu/Courses/course?courseId=000301&catalogYear=1314), [ANT 303](http://catalog.nau.edu/Courses/course?courseId=000305&catalogYear=1314), [ANT 306](http://catalog.nau.edu/Courses/course?courseId=000307&catalogYear=1314), [ANT 350](http://catalog.nau.edu/Courses/course?courseId=000323&catalogYear=1314)       * [CCJ 314](http://catalog.nau.edu/Courses/course?courseId=001458&catalogYear=1314), [CCJ 360](http://catalog.nau.edu/Courses/course?courseId=001474&catalogYear=1314)       * [COM 301](http://catalog.nau.edu/Courses/course?courseId=001620&catalogYear=1314)       * [CST 323](http://catalog.nau.edu/Courses/course?courseId=007613&catalogYear=1314)       * [ENG 245](http://catalog.nau.edu/Courses/course?courseId=002637&catalogYear=1314), [ENG 345](http://catalog.nau.edu/Courses/course?courseId=002691&catalogYear=1314), [ENG 381](http://catalog.nau.edu/Courses/course?courseId=002715&catalogYear=1314)       * [ES 191](http://catalog.nau.edu/Courses/course?courseId=003045&catalogYear=1314), [ES 215](http://catalog.nau.edu/Courses/course?courseId=003046&catalogYear=1314), [ES 356](http://catalog.nau.edu/Courses/course?courseId=003047&catalogYear=1314), [ES 391](http://catalog.nau.edu/Courses/course?courseId=003048&catalogYear=1314)       * [HIS 102](http://catalog.nau.edu/Courses/course?courseId=004075&catalogYear=1314), [HIS 220](http://catalog.nau.edu/Courses/course?courseId=004082&catalogYear=1314), [HIS 221](http://catalog.nau.edu/Courses/course?courseId=004083&catalogYear=1314), [HIS 230](http://catalog.nau.edu/Courses/course?courseId=004084&catalogYear=1314), [HIS 231](http://catalog.nau.edu/Courses/course?courseId=004085&catalogYear=1314), [HIS 240](http://catalog.nau.edu/Courses/course?courseId=004087&catalogYear=1314), [HIS 241](http://catalog.nau.edu/Courses/course?courseId=004088&catalogYear=1314), [HIS 249](http://catalog.nau.edu/Courses/course?courseId=004089&catalogYear=1314), [HIS 250](http://catalog.nau.edu/Courses/course?courseId=004090&catalogYear=1314), [HIS 251](http://catalog.nau.edu/Courses/course?courseId=004091&catalogYear=1314), [HIS 280](http://catalog.nau.edu/Courses/course?courseId=004094&catalogYear=1314), [HIS 281](http://catalog.nau.edu/Courses/course?courseId=004095&catalogYear=1314), [HIS 293](http://catalog.nau.edu/Courses/course?courseId=004100&catalogYear=1314), [HIS 295](http://catalog.nau.edu/Courses/course?courseId=004102&catalogYear=1314), [HIS 312](http://catalog.nau.edu/Courses/course?courseId=004116&catalogYear=1314), [HIS 314](http://catalog.nau.edu/Courses/course?courseId=004118&catalogYear=1314), [HIS 325](http://catalog.nau.edu/Courses/course?courseId=004119&catalogYear=1314), [HIS 332](http://catalog.nau.edu/Courses/course?courseId=004121&catalogYear=1314), [HIS 366](http://catalog.nau.edu/Courses/course?courseId=004139&catalogYear=1314), [HIS 379](http://catalog.nau.edu/Courses/course?courseId=004104&catalogYear=1314), [HIS 381](http://catalog.nau.edu/Courses/course?courseId=004143&catalogYear=1314), [HIS 382](http://catalog.nau.edu/Courses/course?courseId=004144&catalogYear=1314), [HIS 396](http://catalog.nau.edu/Courses/course?courseId=004153&catalogYear=1314)       * [HUM 130](http://catalog.nau.edu/Courses/course?courseId=004591&catalogYear=1314), [HUM 261](http://catalog.nau.edu/Courses/course?courseId=004607&catalogYear=1314), [HUM 281](http://catalog.nau.edu/Courses/course?courseId=004610&catalogYear=1314), [HUM 291](http://catalog.nau.edu/Courses/course?courseId=004612&catalogYear=1314), [HUM 362](http://catalog.nau.edu/Courses/course?courseId=004625&catalogYear=1314), [HUM 381](http://catalog.nau.edu/Courses/course?courseId=004634&catalogYear=1314), [HUM 382](http://catalog.nau.edu/Courses/course?courseId=004636&catalogYear=1314)       * [MUS 360](http://catalog.nau.edu/Courses/course?courseId=005948&catalogYear=1314), [MUS 365](http://catalog.nau.edu/Courses/course?courseId=005952&catalogYear=1314)       * [PHI 150](http://catalog.nau.edu/Courses/course?courseId=009538&catalogYear=1314)       * [POS 120](http://catalog.nau.edu/Courses/course?courseId=006805&catalogYear=1314), [POS 366](http://catalog.nau.edu/Courses/course?courseId=006856&catalogYear=1314), [POS 370](http://catalog.nau.edu/Courses/course?courseId=006858&catalogYear=1314), [POS 374](http://catalog.nau.edu/Courses/course?courseId=006859&catalogYear=1314)       * [REL 150](http://catalog.nau.edu/Courses/course?courseId=007438&catalogYear=1314), [REL 201](http://catalog.nau.edu/Courses/course?courseId=007442&catalogYear=1314), [REL 206](http://catalog.nau.edu/Courses/course?courseId=007446&catalogYear=1314), [REL 210](http://catalog.nau.edu/Courses/course?courseId=007447&catalogYear=1314), [REL 220](http://catalog.nau.edu/Courses/course?courseId=007448&catalogYear=1314), [REL 301](http://catalog.nau.edu/Courses/course?courseId=007455&catalogYear=1314), [REL 311](http://catalog.nau.edu/Courses/course?courseId=007458&catalogYear=1314), [REL 321](http://catalog.nau.edu/Courses/course?courseId=007462&catalogYear=1314), [REL 331](http://catalog.nau.edu/Courses/course?courseId=007466&catalogYear=1314), [REL 341](http://catalog.nau.edu/Courses/course?courseId=007468&catalogYear=1314), [REL 351](http://catalog.nau.edu/Courses/course?courseId=007470&catalogYear=1314), [REL 355](http://catalog.nau.edu/Courses/course?courseId=007471&catalogYear=1314), [REL 380](http://catalog.nau.edu/Courses/course?courseId=007478&catalogYear=1314)       * [SOC 204](http://catalog.nau.edu/Courses/course?courseId=007768&catalogYear=1314), [SOC 215](http://catalog.nau.edu/Courses/course?courseId=007773&catalogYear=1314), [SOC 315](http://catalog.nau.edu/Courses/course?courseId=007792&catalogYear=1314)       * [WGS 150](http://catalog.nau.edu/Courses/course?courseId=009446&catalogYear=1314), [WGS 191](http://catalog.nau.edu/Courses/course?courseId=008590&catalogYear=1314), [WGS 260](http://catalog.nau.edu/Courses/course?courseId=009761&catalogYear=1314), [WGS 360](http://catalog.nau.edu/Courses/course?courseId=009713&catalogYear=1314)   + **Minor (18 units)** You may also fulfill this requirement by completing a minor outside your specialization field, instead of either a concentration or certificate. The minor, which will require at least 18 units, must be completed according to the requirements listed in your catalog of graduation. Refer to specific academic areas within this catalog for information about the coursework requirements for particular minors you may be interested in. (Please note that not all minors are available statewide or online.)   + **Certificate (15 units)** You may also fulfill this requirement by completing a certificate outside your specialization field, instead of either a concentration or a minor. The certificate, which will require at least 15 units, must be completed according to the requirements listed in your catalog of graduation. Refer to specific academic areas within this catalog for information about the coursework requirements for particular certificates you may be interested in. (Please note that not all certificates are available statewide or online.)  Interdisciplinary Studies Requirements  * **Computer Literacy (6 units)** This coursework must help you to understand, in general, the technical components of computers and information systems, how to solve problems using information systems technology, word processing, spreadsheet use, database management, graphic information software, website development, graphic design and use of statistical analysis software. Course(s) must have been taken within 10 years of admission to Northern Arizona University subject to advisor approval. * **Communication Courses (6 units)** You must choose 6 units in the following two categories. At least 3 units of the 6 units must be upper-division.   + Performance-based courses, select one from the following (3 units):     - [CST 111](http://catalog.nau.edu/Courses/course?courseId=007567&catalogYear=1314), [CST 311](http://catalog.nau.edu/Courses/course?courseId=007603&catalogYear=1314), [CST 312](http://catalog.nau.edu/Courses/course?courseId=007604&catalogYear=1314), [CST 314](http://catalog.nau.edu/Courses/course?courseId=007605&catalogYear=1314), [CST 315](http://catalog.nau.edu/Courses/course?courseId=007606&catalogYear=1314), [CST 318](http://catalog.nau.edu/Courses/course?courseId=007609&catalogYear=1314) (Performance-based courses are defined as having at least 51 percent of the evaluation of the student being based upon oral performance.)   + **Theory-based courses, select one from the following (3 units):**     - [COM 200](http://catalog.nau.edu/Courses/course?courseId=001615&catalogYear=1314)     - [CST 271](http://catalog.nau.edu/Courses/course?courseId=007598&catalogYear=1314), [CST 321](http://catalog.nau.edu/Courses/course?courseId=007611&catalogYear=1314), [CST 323](http://catalog.nau.edu/Courses/course?courseId=007613&catalogYear=1314), [CST 351](http://catalog.nau.edu/Courses/course?courseId=007633&catalogYear=1314), [CST 361](http://catalog.nau.edu/Courses/course?courseId=007640&catalogYear=1314), [CST 365](http://catalog.nau.edu/Courses/course?courseId=007645&catalogYear=1314), [CST 424](http://catalog.nau.edu/Courses/course?courseId=007662&catalogYear=1314), [CST 465](http://catalog.nau.edu/Courses/course?courseId=007682&catalogYear=1314), [CST 472](http://catalog.nau.edu/Courses/course?courseId=007686&catalogYear=1314), [CST 475](http://catalog.nau.edu/Courses/course?courseId=009657&catalogYear=1314), [CST 477](http://catalog.nau.edu/Courses/course?courseId=007687&catalogYear=1314) * Please note that you cannot use CLEP or locally prepared exams to satisfy this requirement. Transfer credit used to satisfy this requirement must be approved by the program director. * **Science Requirement, select from the following (12 units):**   + [ANT 101](http://catalog.nau.edu/Courses/course?courseId=000271&catalogYear=1314), [ANT 102](http://catalog.nau.edu/Courses/course?courseId=000272&catalogYear=1314), [ANT 104](http://catalog.nau.edu/Courses/course?courseId=000274&catalogYear=1314)   + [BBA 340](http://catalog.nau.edu/Courses/course?courseId=010266&catalogYear=1314)   + [BIO 301](http://catalog.nau.edu/Courses/course?courseId=010075&catalogYear=1314), [BIO 302](http://catalog.nau.edu/Courses/course?courseId=010076&catalogYear=1314)   + ([CCJ 355](http://catalog.nau.edu/Courses/course?courseId=001472&catalogYear=1314) or [PADM 355](http://catalog.nau.edu/Courses/course?courseId=008072&catalogYear=1314)) or [PADM 356](http://catalog.nau.edu/Courses/course?courseId=010083&catalogYear=1314)   + [MAT 114](http://catalog.nau.edu/Courses/course?courseId=005202&catalogYear=1314), [STA 270](http://catalog.nau.edu/Courses/course?courseId=008088&catalogYear=1314), or equivalent   + [POS 303](http://catalog.nau.edu/Courses/course?courseId=006825&catalogYear=1314)   + [PSY 230](http://catalog.nau.edu/Courses/course?courseId=007198&catalogYear=1314) or equivalent   + [SOC 355W](http://catalog.nau.edu/Courses/course?courseId=007815&catalogYear=1314) or [SOC 365](http://catalog.nau.edu/Courses/course?courseId=007819&catalogYear=1314)   + Courses with Biology, Physics, Astronomy, Mathematics, Statistics, Geology, Environmental Sciences, Chemistry prefixes   Please note that other courses must be approved by the program director. 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.  **~~In addition to University Requirements:~~**   * **~~At least 67-70 units of major requirements including a specialization (28 units); either a concentration, minor, or certificate (15-18 units); and interdisciplinary studies requirements which include a science requirement (24 units)~~** * **~~Be aware that you may not use courses with an ENV prefix to satisfy liberal studies requirements. In addition, you may not use the specific courses in your concentration, minor, or certificate to also 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~~** | [**~~STA 270~~**](http://catalog.nau.edu/Courses/course?courseId=008088&catalogYear=1314) | | **~~Emphasis, Minor, Certificate~~** | **~~Required~~** | | **~~Fieldwork Experience/Internship~~** | **~~Optional~~** | | **~~Research~~** | **~~Optional~~** |   **~~Liberal Studies Requirement~~**  * + **~~Contact the department of your specialization for information about liberal studies courses that are specific to your major.~~**   + **~~You may use courses with prefixes in your specialization area to fulfill liberal studies, but you may not use the same course(s) to satisfy your specialization requirements and your liberal studies requirements.~~**   + **~~You may not use the specific courses in your concentration to satisfy liberal studies requirements.~~**   + **~~If you do use some courses to meet more than one requirement, you must still meet the total of at least 120 units to graduate. Contact your Interdisciplinary Studies advisor for details.~~**  **~~Major Requirements~~**  * **~~Take the following 67 - 70 units with a Grade of "C" or better in each course:  Environmental Sciences Specialization (28 units)~~**   + [**~~STA 270~~**](http://catalog.nau.edu/Courses/course?courseId=008088&catalogYear=1314)**~~,~~** [**~~ENV 230~~**](http://catalog.nau.edu/Courses/course?courseId=002893&catalogYear=1314)**~~,~~** [**~~ENV 360~~**](http://catalog.nau.edu/Courses/course?courseId=002894&catalogYear=1314) **~~(11 units)~~**   + [**~~ENV 326~~**](http://catalog.nau.edu/Courses/course?courseId=010078&catalogYear=1314)**~~,~~** [**~~ENV 326L~~**](http://catalog.nau.edu/Courses/course?courseId=010079&catalogYear=1314)**~~,~~** [**~~POS 359~~**](http://catalog.nau.edu/Courses/course?courseId=006850&catalogYear=1314) **~~(7 units)~~**   + [**~~ENV 385W~~**](http://catalog.nau.edu/Courses/course?courseId=002907&catalogYear=1314) **~~(4 units)~~**   + [**~~ENV 408~~**](http://catalog.nau.edu/Courses/course?courseId=002915&catalogYear=1314) **~~or~~** [**~~ENV 485~~**](http://catalog.nau.edu/Courses/course?courseId=002923&catalogYear=1314) **~~(3 units)~~**   + [**~~ENV 490C~~**](http://catalog.nau.edu/Courses/course?courseId=002925&catalogYear=1314) **~~(3 units)~~**   **~~Concentration, Minor, or Certificate Requirements (15-18 units)~~**   * + **~~Concentration (15 units) Take at least 15 units that include a minimum of 3 units in each of the following blocks: Ethical Reasoning; Creative Inquiry; Scientific Reasoning; Changing Worlds; and Cultural Perspectives. Courses used to satisfy this requirement may not have been used to satisfy any other requirement for this degree. At least 9 units must be taken at Northern Arizona University and at least 6 units of the 9 units must be upper-division (300- or 400-level).~~**     - **~~Ethical Reasoning, select from the following (3 units):~~**       * [**~~COM 150~~**](http://catalog.nau.edu/Courses/course?courseId=001610&catalogYear=1314)       * [**~~HUM 175~~**](http://catalog.nau.edu/Courses/course?courseId=004594&catalogYear=1314)**~~,~~** [**~~HUM 371~~**](http://catalog.nau.edu/Courses/course?courseId=004631&catalogYear=1314)**~~,~~** [**~~HUM 373~~**](http://catalog.nau.edu/Courses/course?courseId=004633&catalogYear=1314)**~~,~~** [**~~HUM 395~~**](http://catalog.nau.edu/Courses/course?courseId=004639&catalogYear=1314)       * [**~~PHI 105~~**](http://catalog.nau.edu/Courses/course?courseId=006458&catalogYear=1314)**~~,~~** [**~~PHI 331~~**](http://catalog.nau.edu/Courses/course?courseId=006480&catalogYear=1314)       * [**~~REL 391~~**](http://catalog.nau.edu/Courses/course?courseId=007483&catalogYear=1314)       * [**~~PADM 411~~**](http://catalog.nau.edu/Courses/course?courseId=009913&catalogYear=1314)     - **~~Creative Inquiry, select from the following (3 units):~~**       * [**~~ANT 355~~**](http://catalog.nau.edu/Courses/course?courseId=000326&catalogYear=1314)**~~,~~** [**~~ARH 351~~**](http://catalog.nau.edu/Courses/course?courseId=000490&catalogYear=1314)**~~,~~** [**~~ARH 352~~**](http://catalog.nau.edu/Courses/course?courseId=000491&catalogYear=1314)**~~,~~** [**~~ARH 353~~**](http://catalog.nau.edu/Courses/course?courseId=000492&catalogYear=1314)       * [**~~ART 100~~**](http://catalog.nau.edu/Courses/course?courseId=000510&catalogYear=1314)**~~,~~** [**~~ART 300~~**](http://catalog.nau.edu/Courses/course?courseId=000572&catalogYear=1314)       * [**~~CCJ 215~~**](http://catalog.nau.edu/Courses/course?courseId=001446&catalogYear=1314)       * [**~~EMF 382~~**](http://catalog.nau.edu/Courses/course?courseId=001624&catalogYear=1314)       * [**~~ENG 121~~**](http://catalog.nau.edu/Courses/course?courseId=002609&catalogYear=1314)**~~,~~** [**~~ENG 308~~**](http://catalog.nau.edu/Courses/course?courseId=002658&catalogYear=1314)**~~,~~** [**~~ENG 364~~**](http://catalog.nau.edu/Courses/course?courseId=002705&catalogYear=1314)       * [**~~HUM 101~~**](http://catalog.nau.edu/Courses/course?courseId=004590&catalogYear=1314)**~~,~~** [**~~HUM 120~~**](http://catalog.nau.edu/Courses/course?courseId=009570&catalogYear=1314)**~~,~~** [**~~HUM 351~~**](http://catalog.nau.edu/Courses/course?courseId=004618&catalogYear=1314)**~~,~~** [**~~HUM 352~~**](http://catalog.nau.edu/Courses/course?courseId=004619&catalogYear=1314)**~~,~~** [**~~HUM 353~~**](http://catalog.nau.edu/Courses/course?courseId=004620&catalogYear=1314)**~~,~~** [**~~HUM 370~~**](http://catalog.nau.edu/Courses/course?courseId=004629&catalogYear=1314)**~~,~~** [**~~HUM 375~~**](http://catalog.nau.edu/Courses/course?courseId=009571&catalogYear=1314)       * [**~~MUS 260~~**](http://catalog.nau.edu/Courses/course?courseId=005915&catalogYear=1314)**~~,~~** [**~~MUS 333~~**](http://catalog.nau.edu/Courses/course?courseId=005938&catalogYear=1314)       * [**~~PHI 240~~**](http://catalog.nau.edu/Courses/course?courseId=006466&catalogYear=1314)**~~,~~** [**~~PHI 320~~**](http://catalog.nau.edu/Courses/course?courseId=006472&catalogYear=1314)**~~,~~** [**~~PHI 321~~**](http://catalog.nau.edu/Courses/course?courseId=006473&catalogYear=1314)**~~,~~** [**~~PHI 322~~**](http://catalog.nau.edu/Courses/course?courseId=006474&catalogYear=1314)**~~,~~** [**~~PHI 351~~**](http://catalog.nau.edu/Courses/course?courseId=006497&catalogYear=1314)**~~,~~** [**~~PHI 352~~**](http://catalog.nau.edu/Courses/course?courseId=006498&catalogYear=1314)       * [**~~REL 322~~**](http://catalog.nau.edu/Courses/course?courseId=007463&catalogYear=1314)**~~,~~** [**~~REL 325~~**](http://catalog.nau.edu/Courses/course?courseId=007464&catalogYear=1314)       * [**~~TH 101~~**](http://catalog.nau.edu/Courses/course?courseId=008272&catalogYear=1314)     - **~~Scientific Reasoning, select from the following (3 units):~~**       * [**~~BIO 301~~**](http://catalog.nau.edu/Courses/course?courseId=010075&catalogYear=1314)**~~,~~** [**~~BIO 302~~**](http://catalog.nau.edu/Courses/course?courseId=010076&catalogYear=1314)       * [**~~ECO 284~~**](http://catalog.nau.edu/Courses/course?courseId=002201&catalogYear=1314)**~~,~~** [**~~ECO 285~~**](http://catalog.nau.edu/Courses/course?courseId=002203&catalogYear=1314)       * [**~~FOR 222~~**](http://catalog.nau.edu/Courses/course?courseId=003338&catalogYear=1314)**~~,~~** [**~~FOR 230~~**](http://catalog.nau.edu/Courses/course?courseId=003339&catalogYear=1314)       * [**~~PHI 203~~**](http://catalog.nau.edu/Courses/course?courseId=006462&catalogYear=1314)**~~,~~** [**~~PHI 223~~**](http://catalog.nau.edu/Courses/course?courseId=006464&catalogYear=1314)**~~,~~** [**~~PHI 359~~**](http://catalog.nau.edu/Courses/course?courseId=006509&catalogYear=1314)       * [**~~POS 303~~**](http://catalog.nau.edu/Courses/course?courseId=006825&catalogYear=1314)       * [**~~PSY 101~~**](http://catalog.nau.edu/Courses/course?courseId=007190&catalogYear=1314)**~~,~~** [**~~PSY 240~~**](http://catalog.nau.edu/Courses/course?courseId=007201&catalogYear=1314)       * [**~~SOC 365~~**](http://catalog.nau.edu/Courses/course?courseId=007819&catalogYear=1314)     - **~~Changing Worlds, select from the following (3 units):~~**       * [**~~AIS 202~~**](http://catalog.nau.edu/Courses/course?courseId=000213&catalogYear=1314)**~~,~~** [**~~AIS 304~~**](http://catalog.nau.edu/Courses/course?courseId=000214&catalogYear=1314)       * [**~~ANT 105~~**](http://catalog.nau.edu/Courses/course?courseId=009744&catalogYear=1314)**~~,~~** [**~~ANT 253~~**](http://catalog.nau.edu/Courses/course?courseId=009578&catalogYear=1314)**~~,~~** [**~~ANT 301~~**](http://catalog.nau.edu/Courses/course?courseId=000301&catalogYear=1314)**~~,~~** [**~~ANT 303~~**](http://catalog.nau.edu/Courses/course?courseId=000305&catalogYear=1314)**~~,~~** [**~~ANT 306~~**](http://catalog.nau.edu/Courses/course?courseId=000307&catalogYear=1314)**~~,~~** [**~~ANT 350~~**](http://catalog.nau.edu/Courses/course?courseId=000323&catalogYear=1314)**~~,~~** [**~~ANT 351~~**](http://catalog.nau.edu/Courses/course?courseId=000325&catalogYear=1314)       * [**~~CCJ 101~~**](http://catalog.nau.edu/Courses/course?courseId=001440&catalogYear=1314)**~~,~~** [**~~CCJ 250~~**](http://catalog.nau.edu/Courses/course?courseId=001450&catalogYear=1314)**~~,~~** [**~~CCJ 325~~**](http://catalog.nau.edu/Courses/course?courseId=001461&catalogYear=1314)**~~,~~** [**~~CCJ 340~~**](http://catalog.nau.edu/Courses/course?courseId=001466&catalogYear=1314)**~~,~~** [**~~CCJ 360~~**](http://catalog.nau.edu/Courses/course?courseId=001474&catalogYear=1314)**~~,~~** [**~~CCJ 380~~**](http://catalog.nau.edu/Courses/course?courseId=001479&catalogYear=1314)       * [**~~CST 365~~**](http://catalog.nau.edu/Courses/course?courseId=007645&catalogYear=1314)       * [**~~GSP 120~~**](http://catalog.nau.edu/Courses/course?courseId=009747&catalogYear=1314)**~~,~~** [**~~GSP 201~~**](http://catalog.nau.edu/Courses/course?courseId=006750&catalogYear=1314)**~~,~~** [**~~GSP 240~~**](http://catalog.nau.edu/Courses/course?courseId=003613&catalogYear=1314)**~~,~~** [**~~GSP 241~~**](http://catalog.nau.edu/Courses/course?courseId=003614&catalogYear=1314)**~~,~~** [**~~GSP 348~~**](http://catalog.nau.edu/Courses/course?courseId=003641&catalogYear=1314)**~~,~~** [**~~GSP 376~~**](http://catalog.nau.edu/Courses/course?courseId=003652&catalogYear=1314)       * [**~~HIS 240~~**](http://catalog.nau.edu/Courses/course?courseId=004087&catalogYear=1314)**~~,~~** [**~~HIS 241~~**](http://catalog.nau.edu/Courses/course?courseId=004088&catalogYear=1314)**~~,~~** [**~~HIS 291~~**](http://catalog.nau.edu/Courses/course?courseId=004098&catalogYear=1314)**~~,~~** [**~~HIS 292~~**](http://catalog.nau.edu/Courses/course?courseId=004099&catalogYear=1314)**~~,~~** [**~~HIS 308~~**](http://catalog.nau.edu/Courses/course?courseId=004113&catalogYear=1314)**~~,~~** [**~~HIS 394~~**](http://catalog.nau.edu/Courses/course?courseId=004150&catalogYear=1314)**~~,~~** [**~~HIS 397~~**](http://catalog.nau.edu/Courses/course?courseId=004155&catalogYear=1314)       * [**~~PADM 310~~**](http://catalog.nau.edu/Courses/course?courseId=009909&catalogYear=1314)**~~,~~** [**~~PADM 401~~**](http://catalog.nau.edu/Courses/course?courseId=009912&catalogYear=1314)       * [**~~PHI 356~~**](http://catalog.nau.edu/Courses/course?courseId=006504&catalogYear=1314)**~~,~~** [**~~PHI 357~~**](http://catalog.nau.edu/Courses/course?courseId=006506&catalogYear=1314)       * [**~~POS 110~~**](http://catalog.nau.edu/Courses/course?courseId=006804&catalogYear=1314)**~~,~~** [**~~POS 201~~**](http://catalog.nau.edu/Courses/course?courseId=006809&catalogYear=1314)**~~,~~** [**~~POS 210~~**](http://catalog.nau.edu/Courses/course?courseId=006810&catalogYear=1314)**~~,~~** [**~~POS 224~~**](http://catalog.nau.edu/Courses/course?courseId=006812&catalogYear=1314)**~~,~~** [**~~POS 230~~**](http://catalog.nau.edu/Courses/course?courseId=006813&catalogYear=1314)**~~,~~** [**~~POS 231~~**](http://catalog.nau.edu/Courses/course?courseId=006816&catalogYear=1314)**~~,~~** [**~~POS 241~~**](http://catalog.nau.edu/Courses/course?courseId=006817&catalogYear=1314)**~~,~~** [**~~POS 250~~**](http://catalog.nau.edu/Courses/course?courseId=006818&catalogYear=1314)**~~,~~** [**~~POS 254~~**](http://catalog.nau.edu/Courses/course?courseId=006819&catalogYear=1314)**~~,~~** [**~~POS 320~~**](http://catalog.nau.edu/Courses/course?courseId=006834&catalogYear=1314)**~~,~~** [**~~POS 344~~**](http://catalog.nau.edu/Courses/course?courseId=006841&catalogYear=1314)**~~,~~** [**~~POS 355~~**](http://catalog.nau.edu/Courses/course?courseId=006847&catalogYear=1314)**~~,~~** [**~~POS 356~~**](http://catalog.nau.edu/Courses/course?courseId=006848&catalogYear=1314)**~~,~~** [**~~POS 357~~**](http://catalog.nau.edu/Courses/course?courseId=006849&catalogYear=1314)**~~,~~** [**~~POS 359~~**](http://catalog.nau.edu/Courses/course?courseId=006850&catalogYear=1314)**~~,~~** [**~~POS 360~~**](http://catalog.nau.edu/Courses/course?courseId=006851&catalogYear=1314)**~~,~~** [**~~POS 361~~**](http://catalog.nau.edu/Courses/course?courseId=006852&catalogYear=1314)**~~,~~** [**~~POS 362~~**](http://catalog.nau.edu/Courses/course?courseId=006854&catalogYear=1314)**~~,~~** [**~~POS 364~~**](http://catalog.nau.edu/Courses/course?courseId=006855&catalogYear=1314)       * [**~~PSY 250~~**](http://catalog.nau.edu/Courses/course?courseId=007202&catalogYear=1314)**~~,~~** [**~~PSY 375~~**](http://catalog.nau.edu/Courses/course?courseId=007231&catalogYear=1314)       * [**~~REL 390~~**](http://catalog.nau.edu/Courses/course?courseId=007482&catalogYear=1314)       * [**~~SOC 101~~**](http://catalog.nau.edu/Courses/course?courseId=007761&catalogYear=1314)**~~,~~** [**~~SOC 210~~**](http://catalog.nau.edu/Courses/course?courseId=007771&catalogYear=1314)**~~,~~** [**~~SOC 301~~**](http://catalog.nau.edu/Courses/course?courseId=007781&catalogYear=1314)**~~,~~** [**~~SOC 316~~**](http://catalog.nau.edu/Courses/course?courseId=007793&catalogYear=1314)**~~,~~** [**~~SOC 333~~**](http://catalog.nau.edu/Courses/course?courseId=009456&catalogYear=1314)**~~,~~** [**~~SOC 339~~**](http://catalog.nau.edu/Courses/course?courseId=007805&catalogYear=1314)     - **~~Cultural Perspectives, select from the following (3 units):~~**       * [**~~AIS 101~~**](http://catalog.nau.edu/Courses/course?courseId=000210&catalogYear=1314)**~~,~~** [**~~AIS 202~~**](http://catalog.nau.edu/Courses/course?courseId=000213&catalogYear=1314)**~~,~~** [**~~AIS 210~~**](http://catalog.nau.edu/Courses/course?courseId=000215&catalogYear=1314)**~~,~~** [**~~ANT 102~~**](http://catalog.nau.edu/Courses/course?courseId=000272&catalogYear=1314)**~~,~~** [**~~ANT 103~~**](http://catalog.nau.edu/Courses/course?courseId=000273&catalogYear=1314)**~~,~~** [**~~ANT 104~~**](http://catalog.nau.edu/Courses/course?courseId=000274&catalogYear=1314)**~~,~~** [**~~ANT 205~~**](http://catalog.nau.edu/Courses/course?courseId=000285&catalogYear=1314)**~~,~~** [**~~ANT 209~~**](http://catalog.nau.edu/Courses/course?courseId=000287&catalogYear=1314)**~~,~~** [**~~ANT 301~~**](http://catalog.nau.edu/Courses/course?courseId=000301&catalogYear=1314)**~~,~~** [**~~ANT 303~~**](http://catalog.nau.edu/Courses/course?courseId=000305&catalogYear=1314)**~~,~~** [**~~ANT 306~~**](http://catalog.nau.edu/Courses/course?courseId=000307&catalogYear=1314)**~~,~~** [**~~ANT 350~~**](http://catalog.nau.edu/Courses/course?courseId=000323&catalogYear=1314)       * [**~~CCJ 314~~**](http://catalog.nau.edu/Courses/course?courseId=001458&catalogYear=1314)**~~,~~** [**~~CCJ 360~~**](http://catalog.nau.edu/Courses/course?courseId=001474&catalogYear=1314)       * [**~~COM 301~~**](http://catalog.nau.edu/Courses/course?courseId=001620&catalogYear=1314)       * [**~~CST 323~~**](http://catalog.nau.edu/Courses/course?courseId=007613&catalogYear=1314)       * [**~~ENG 245~~**](http://catalog.nau.edu/Courses/course?courseId=002637&catalogYear=1314)**~~,~~** [**~~ENG 345~~**](http://catalog.nau.edu/Courses/course?courseId=002691&catalogYear=1314)**~~,~~** [**~~ENG 381~~**](http://catalog.nau.edu/Courses/course?courseId=002715&catalogYear=1314)       * [**~~ES 191~~**](http://catalog.nau.edu/Courses/course?courseId=003045&catalogYear=1314)**~~,~~** [**~~ES 215~~**](http://catalog.nau.edu/Courses/course?courseId=003046&catalogYear=1314)**~~,~~** [**~~ES 356~~**](http://catalog.nau.edu/Courses/course?courseId=003047&catalogYear=1314)**~~,~~** [**~~ES 391~~**](http://catalog.nau.edu/Courses/course?courseId=003048&catalogYear=1314)       * [**~~HIS 102~~**](http://catalog.nau.edu/Courses/course?courseId=004075&catalogYear=1314)**~~,~~** [**~~HIS 220~~**](http://catalog.nau.edu/Courses/course?courseId=004082&catalogYear=1314)**~~,~~** [**~~HIS 221~~**](http://catalog.nau.edu/Courses/course?courseId=004083&catalogYear=1314)**~~,~~** [**~~HIS 230~~**](http://catalog.nau.edu/Courses/course?courseId=004084&catalogYear=1314)**~~,~~** [**~~HIS 231~~**](http://catalog.nau.edu/Courses/course?courseId=004085&catalogYear=1314)**~~,~~** [**~~HIS 240~~**](http://catalog.nau.edu/Courses/course?courseId=004087&catalogYear=1314)**~~,~~** [**~~HIS 241~~**](http://catalog.nau.edu/Courses/course?courseId=004088&catalogYear=1314)**~~,~~** [**~~HIS 249~~**](http://catalog.nau.edu/Courses/course?courseId=004089&catalogYear=1314)**~~,~~** [**~~HIS 250~~**](http://catalog.nau.edu/Courses/course?courseId=004090&catalogYear=1314)**~~,~~** [**~~HIS 251~~**](http://catalog.nau.edu/Courses/course?courseId=004091&catalogYear=1314)**~~,~~** [**~~HIS 280~~**](http://catalog.nau.edu/Courses/course?courseId=004094&catalogYear=1314)**~~,~~** [**~~HIS 281~~**](http://catalog.nau.edu/Courses/course?courseId=004095&catalogYear=1314)**~~,~~** [**~~HIS 293~~**](http://catalog.nau.edu/Courses/course?courseId=004100&catalogYear=1314)**~~,~~** [**~~HIS 295~~**](http://catalog.nau.edu/Courses/course?courseId=004102&catalogYear=1314)**~~,~~** [**~~HIS 312~~**](http://catalog.nau.edu/Courses/course?courseId=004116&catalogYear=1314)**~~,~~** [**~~HIS 314~~**](http://catalog.nau.edu/Courses/course?courseId=004118&catalogYear=1314)**~~,~~** [**~~HIS 325~~**](http://catalog.nau.edu/Courses/course?courseId=004119&catalogYear=1314)**~~,~~** [**~~HIS 332~~**](http://catalog.nau.edu/Courses/course?courseId=004121&catalogYear=1314)**~~,~~** [**~~HIS 366~~**](http://catalog.nau.edu/Courses/course?courseId=004139&catalogYear=1314)**~~,~~** [**~~HIS 379~~**](http://catalog.nau.edu/Courses/course?courseId=004104&catalogYear=1314)**~~,~~** [**~~HIS 381~~**](http://catalog.nau.edu/Courses/course?courseId=004143&catalogYear=1314)**~~,~~** [**~~HIS 382~~**](http://catalog.nau.edu/Courses/course?courseId=004144&catalogYear=1314)**~~,~~** [**~~HIS 396~~**](http://catalog.nau.edu/Courses/course?courseId=004153&catalogYear=1314)       * [**~~HUM 130~~**](http://catalog.nau.edu/Courses/course?courseId=004591&catalogYear=1314)**~~,~~** [**~~HUM 261~~**](http://catalog.nau.edu/Courses/course?courseId=004607&catalogYear=1314)**~~,~~** [**~~HUM 281~~**](http://catalog.nau.edu/Courses/course?courseId=004610&catalogYear=1314)**~~,~~** [**~~HUM 291~~**](http://catalog.nau.edu/Courses/course?courseId=004612&catalogYear=1314)**~~,~~** [**~~HUM 362~~**](http://catalog.nau.edu/Courses/course?courseId=004625&catalogYear=1314)**~~,~~** [**~~HUM 381~~**](http://catalog.nau.edu/Courses/course?courseId=004634&catalogYear=1314)**~~,~~** [**~~HUM 382~~**](http://catalog.nau.edu/Courses/course?courseId=004636&catalogYear=1314)       * [**~~MUS 360~~**](http://catalog.nau.edu/Courses/course?courseId=005948&catalogYear=1314)**~~,~~** [**~~MUS 365~~**](http://catalog.nau.edu/Courses/course?courseId=005952&catalogYear=1314)       * [**~~PHI 150~~**](http://catalog.nau.edu/Courses/course?courseId=009538&catalogYear=1314)       * [**~~POS 120~~**](http://catalog.nau.edu/Courses/course?courseId=006805&catalogYear=1314)**~~,~~** [**~~POS 366~~**](http://catalog.nau.edu/Courses/course?courseId=006856&catalogYear=1314)**~~,~~** [**~~POS 370~~**](http://catalog.nau.edu/Courses/course?courseId=006858&catalogYear=1314)**~~,~~** [**~~POS 374~~**](http://catalog.nau.edu/Courses/course?courseId=006859&catalogYear=1314)       * [**~~REL 150~~**](http://catalog.nau.edu/Courses/course?courseId=007438&catalogYear=1314)**~~,~~** [**~~REL 201~~**](http://catalog.nau.edu/Courses/course?courseId=007442&catalogYear=1314)**~~,~~** [**~~REL 206~~**](http://catalog.nau.edu/Courses/course?courseId=007446&catalogYear=1314)**~~,~~** [**~~REL 210~~**](http://catalog.nau.edu/Courses/course?courseId=007447&catalogYear=1314)**~~,~~** [**~~REL 220~~**](http://catalog.nau.edu/Courses/course?courseId=007448&catalogYear=1314)**~~,~~** [**~~REL 301~~**](http://catalog.nau.edu/Courses/course?courseId=007455&catalogYear=1314)**~~,~~** [**~~REL 311~~**](http://catalog.nau.edu/Courses/course?courseId=007458&catalogYear=1314)**~~,~~** [**~~REL 321~~**](http://catalog.nau.edu/Courses/course?courseId=007462&catalogYear=1314)**~~,~~** [**~~REL 331~~**](http://catalog.nau.edu/Courses/course?courseId=007466&catalogYear=1314)**~~,~~** [**~~REL 341~~**](http://catalog.nau.edu/Courses/course?courseId=007468&catalogYear=1314)**~~,~~** [**~~REL 351~~**](http://catalog.nau.edu/Courses/course?courseId=007470&catalogYear=1314)**~~,~~** [**~~REL 355~~**](http://catalog.nau.edu/Courses/course?courseId=007471&catalogYear=1314)**~~,~~** [**~~REL 380~~**](http://catalog.nau.edu/Courses/course?courseId=007478&catalogYear=1314)       * [**~~SOC 204~~**](http://catalog.nau.edu/Courses/course?courseId=007768&catalogYear=1314)**~~,~~** [**~~SOC 215~~**](http://catalog.nau.edu/Courses/course?courseId=007773&catalogYear=1314)**~~,~~** [**~~SOC 315~~**](http://catalog.nau.edu/Courses/course?courseId=007792&catalogYear=1314)       * [**~~WGS 150~~**](http://catalog.nau.edu/Courses/course?courseId=009446&catalogYear=1314)**~~,~~** [**~~WGS 191~~**](http://catalog.nau.edu/Courses/course?courseId=008590&catalogYear=1314)**~~,~~** [**~~WGS 260~~**](http://catalog.nau.edu/Courses/course?courseId=009761&catalogYear=1314)**~~,~~** [**~~WGS 360~~**](http://catalog.nau.edu/Courses/course?courseId=009713&catalogYear=1314)   + **~~Minor (18 units) You may also fulfill this requirement by completing a minor outside your specialization field, instead of either a concentration or certificate. The minor, which will require at least 18 units, must be completed according to the requirements listed in your catalog of graduation. Refer to specific academic areas within this catalog for information about the coursework requirements for particular minors you may be interested in. (Please note that not all minors are available statewide or online.)~~**   + **~~Certificate (15 units) You may also fulfill this requirement by completing a certificate outside your specialization field, instead of either a concentration or a minor. The certificate, which will require at least 15 units, must be completed according to the requirements listed in your catalog of graduation. Refer to specific academic areas within this catalog for information about the coursework requirements for particular certificates you may be interested in. (Please note that not all certificates are available statewide or online.)~~**  **~~Interdisciplinary Studies Requirements~~**  * **~~Computer Literacy (6 units) This coursework must help you to understand, in general, the technical components of computers and information systems, how to solve problems using information systems technology, word processing, spreadsheet use, database management, graphic information software, website development, graphic design and use of statistical analysis software. Course(s) must have been taken within 10 years of admission to Northern Arizona University subject to advisor approval.~~** * **~~Communication Courses (6 units) You must choose 6 units in the following two categories. At least 3 units of the 6 units must be upper-division.~~**   + **~~Performance-based courses, select one from the following (3 units):~~**     - [**~~CST 111~~**](http://catalog.nau.edu/Courses/course?courseId=007567&catalogYear=1314)**~~,~~** [**~~CST 311~~**](http://catalog.nau.edu/Courses/course?courseId=007603&catalogYear=1314)**~~,~~** [**~~CST 312~~**](http://catalog.nau.edu/Courses/course?courseId=007604&catalogYear=1314)**~~,~~** [**~~CST 314~~**](http://catalog.nau.edu/Courses/course?courseId=007605&catalogYear=1314)**~~,~~** [**~~CST 315~~**](http://catalog.nau.edu/Courses/course?courseId=007606&catalogYear=1314)**~~,~~** [**~~CST 318~~**](http://catalog.nau.edu/Courses/course?courseId=007609&catalogYear=1314) **~~(Performance-based courses are defined as having at least 51 percent of the evaluation of the student being based upon oral performance.)~~**   + **~~Theory-based courses, select one from the following (3 units):~~**     - [**~~COM 200~~**](http://catalog.nau.edu/Courses/course?courseId=001615&catalogYear=1314)     - [**~~CST 271~~**](http://catalog.nau.edu/Courses/course?courseId=007598&catalogYear=1314)**~~,~~** [**~~CST 321~~**](http://catalog.nau.edu/Courses/course?courseId=007611&catalogYear=1314)**~~,~~** [**~~CST 323~~**](http://catalog.nau.edu/Courses/course?courseId=007613&catalogYear=1314)**~~,~~** [**~~CST 351~~**](http://catalog.nau.edu/Courses/course?courseId=007633&catalogYear=1314)**~~,~~** [**~~CST 361~~**](http://catalog.nau.edu/Courses/course?courseId=007640&catalogYear=1314)**~~,~~** [**~~CST 365~~**](http://catalog.nau.edu/Courses/course?courseId=007645&catalogYear=1314)**~~,~~** [**~~CST 424~~**](http://catalog.nau.edu/Courses/course?courseId=007662&catalogYear=1314)**~~,~~** [**~~CST 465~~**](http://catalog.nau.edu/Courses/course?courseId=007682&catalogYear=1314)**~~,~~** [**~~CST 472~~**](http://catalog.nau.edu/Courses/course?courseId=007686&catalogYear=1314)**~~,~~** [**~~CST 475~~**](http://catalog.nau.edu/Courses/course?courseId=009657&catalogYear=1314)**~~,~~** [**~~CST 477~~**](http://catalog.nau.edu/Courses/course?courseId=007687&catalogYear=1314) * **~~Please note that you cannot use CLEP or locally prepared exams to satisfy this requirement. Transfer credit used to satisfy this requirement must be approved by the program director.~~** * **~~Science Requirement, select from the following (12 units):~~**   + [**~~ANT 101~~**](http://catalog.nau.edu/Courses/course?courseId=000271&catalogYear=1314)**~~,~~** [**~~ANT 102~~**](http://catalog.nau.edu/Courses/course?courseId=000272&catalogYear=1314)**~~,~~** [**~~ANT 104~~**](http://catalog.nau.edu/Courses/course?courseId=000274&catalogYear=1314)   + [**~~BBA 340~~**](http://catalog.nau.edu/Courses/course?courseId=010266&catalogYear=1314)   + [**~~BIO 301~~**](http://catalog.nau.edu/Courses/course?courseId=010075&catalogYear=1314)**~~,~~** [**~~BIO 302~~**](http://catalog.nau.edu/Courses/course?courseId=010076&catalogYear=1314)   + **~~(~~**[**~~CCJ 355~~**](http://catalog.nau.edu/Courses/course?courseId=001472&catalogYear=1314) **~~or~~** [**~~PADM 355~~**](http://catalog.nau.edu/Courses/course?courseId=008072&catalogYear=1314)**~~) or~~** [**~~PADM 356~~**](http://catalog.nau.edu/Courses/course?courseId=010083&catalogYear=1314)   + [**~~MAT 114~~**](http://catalog.nau.edu/Courses/course?courseId=005202&catalogYear=1314)**~~,~~** [**~~STA 270~~**](http://catalog.nau.edu/Courses/course?courseId=008088&catalogYear=1314)**~~, or equivalent~~**   + [**~~POS 303~~**](http://catalog.nau.edu/Courses/course?courseId=006825&catalogYear=1314)   + [**~~PSY 230~~**](http://catalog.nau.edu/Courses/course?courseId=007198&catalogYear=1314) **~~or equivalent~~**   + [**~~SOC 355W~~**](http://catalog.nau.edu/Courses/course?courseId=007815&catalogYear=1314) **~~or~~** [**~~SOC 365~~**](http://catalog.nau.edu/Courses/course?courseId=007819&catalogYear=1314)   + **~~Courses with Biology, Physics, Astronomy, Mathematics, Statistics, Geology, Environmental Sciences, Chemistry prefixes~~**   **~~Please note that other courses must be approved by the program director.~~** **~~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:

Northern Arizona University has been streamlining the number of degrees it offers over the last several years.  EC and ISASC are asking for this change of plan to align Interdisciplinary Studies with a university-supported trend which EC also supports.  We are not changing any requirements for this degree—we are instead, limiting the number of degrees to help improve university efficiency.  Students will retain the choice of taking four semesters of modern language or four semesters of science, but the degree name will be less cumbersome.  An added advantage is that we will cut the number of interdisciplinary degrees offered in half.

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Initial Plan |  | Advanced Plan | | | |  | Remove Designation | |
| 10. Effective beginning **FALL**: | | | 2014 | |  | | |
| [**See effective dates calendar**](http://www4.nau.edu/avpaa/timelines/1314Effective.xls). | | | |  | | | |

11. Will this proposal impact other plans, sub plans, or course offerings, etc.? Yes      No

   If yes, describe the impact. If applicable, include evidence of notification to and/or response from

each impacted academic unit

**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.

|  |  |
| --- | --- |
| **FLAGSTAFF MOUNTAIN CAMPUS** |  |
|  |  |
| 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** |  |
| Jenny Scott | 1/7/13 |
| 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