19. Change in Curriculum

**College of Geosciences**

BS in Environmental Studies
CHANGE IN CURRICULA
CHANGE IN CURRICULUM

COLLEGE OF GEOSCIENCES

BS IN ENVIRONMENTAL STUDIES
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type:
   ✔ Undergraduate
   □ Graduate
   □ First Professional (e.g., DVM, JD, MD, etc.)

2. Request change for:
   ✔ Degree Program
   □ Minor
   □ Certificate

3. Request submitted by (Department or Program Name):
   Environmental Programs in Geosciences

4. Program Designation and Name
   (e.g., B.A. in History, Minor in History; Certificate in European Union):
   B.S. in
   Environmental Studies (ENST)

5. Brief description of change:
   URPN 361 as one option to list of Environmental Policy Electives; restrict General Electives

6. Rationale for change:
   URPN 361 is already sought by ENST students and is appropriate to include on our Environmental Policy list; remedial courses should not be allowed in General Electives for this degree program; military science courses should not be allowed in General Electives for this degree program.

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached. ✔ Yes □ No
   b. Current catalog curriculum with handwritten edits attached. ✔ Yes □ No
   c. Current Howdy degree evaluation with handwritten edits attached. ✔ Yes □ No
   
   Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? □ Yes ✔ No
   b. If yes, degree program hours will change from: ________ to: ________
   c. If yes, is the Texas Higher Education Coordinating Board form attached? □ Yes □ No

9. If proposed changes affect other unit(s), are letters of support attached? □ Yes ✔ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Christian Brannstrom
Department Head or Program Chair (Type Name & Sign) Date

Dean of College Date

Chair, College Review Committee Date

Chair, GC or UCC Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
November 5, 2014

MEMORANDUM

TO: Dr. Chris Houser, Undergraduate and Faculty Affairs, College of Geosciences
FROM: Dr. Christian Brannstrom, Director of Environmental Programs in Geosciences
SUBJECT: curricular changes to Environmental Studies (ENST)

We request the following curricular changes to the ENST degree program:

-URPN 361 should be added to Environmental Policy Electives;

-Restrictions should be added to General Electives: we do not allow KINE 199, MATH 102, MATH 103, MATH 150;

-Restrictions should be added to General Electives: we do not allow SOMS, NVSC, MLSC, or AERS.
GEOL 451 Introduction to Geochemistry
GEOS 401 Polar Regions of the Earth: Science, Society and Discovery
GEOS 410 Global Change
GEOS 484 Internship
OCNG 401 Interdisciplinary Oceanography
OCNG 410 Introduction to Physical Oceanography
OCNG 440 Introduction to Chemical Oceanography
Coastal and Marine Environments
GEOS 370/ Coastal Processes
MARS 370
OCNG 401 Interdisciplinary Oceanography
Select the remaining courses from the following:
GEOG 331 Geomorphology
GEOG 360 Natural Hazards
GEOL 309 Sedimentology and Stratigraphy
GEOL 440 Engineering Geology
GEOS 444 The Science and Politics of Global Climate Change
GEOS 484 Internship
OCNG 350 Marine Pollution
OCNG 410 Introduction to Physical Oceanography
OCNG 420 Introduction to Biological Oceanography
OCNG 425 Microbial Oceanography
OCNG 430 Introduction to Geological Oceanography
OCNG 440 Introduction to Chemical Oceanography
WFSC 418 Ecology of the Coastal Zone
WFSC 425 Marine Fisheries
WFSC 428 Wetland Ecosystem Management

Human Impact on the Environment
GEOS 430 Global Science and Policy Making
GEOS 430 Environmental Justice
Select the remaining courses from the following:
ATMO 320 Environmental Atmospheric Science
ATMO 363 Introduction to Atmospheric Chemistry and Air Pollution
GEOG 309 Geography of Energy
GEOG 360 Natural Hazards
GEOG 401 Political Geography
GEOL 301 Mineral Resources
GEOL 410 Hydrogeology
GEOL 440 Engineering Geology
GEOL 451 Introduction to Geochemistry
GEOS 401 Polar Regions of the Earth: Science, Society and Discovery
GEOS 410 Global Change
GEOS 444 The Science and Politics of Global Climate Change
GEOS 484 Internship
OCNG 350 Marine Pollution
URPN 361 Urban Issues
WFSC 420 Ecology and Society

Water
GEOG 434 Hydrology and Environment

3 GEOL 410 Hydrogeology
3 Select the remaining courses from the following:
AGSM 335 Water and Soil Management
AGSM 337 Technology for Environmental and Natural Resource Engineering
ATMO 251 Weather Observation and Analysis
ATMO 335 Atmospheric Thermodynamics
ATMO 352 Severe Weather and Mesoscale Forecasting
ATMO 443 Radar Meteorology
ATMO 324 Physical and Regional Climatology or GEOS 324 or Global Climatic Regions
GEOG 331 Geomorphology
GEOS 360 Natural Hazards
GEOL 440 Engineering Geology
GEOS 451 Introduction to Geochemistry
GEOS 401 Polar Regions of the Earth: Science, Society and Discovery
GEOS 484 Internship
OCNG 350 Marine Pollution
OCNG 401 Interdisciplinary Oceanography
OCNG 425 Microbial Oceanography
OCNG 440 Introduction to Chemical Oceanography
SCSC 455 Environmental Soil and Water Science
SCSC 458 Watershed and Water Quality Management
Biosphere
GEOS 335 Pattern and Process in Biogeography
GEOL 305 Paleobiology
OCNG 420 Introduction to Biological Oceanography
Select the remaining courses from the following:
GEOG/GEOS Past Climates
4 GEOS 435 Principles of Plant Geography
OCNG 401 Interdisciplinary Oceanography
Biol 214 Genes, Ecology and Evolution
Biol 357 Ecology
& Biol 358 and Ecology Laboratory
GENE 302 Principles of Genetics
& GENE 312 and Comprehensive Genetics Laboratory
GENE 412 Population and Ecological Genetics
SCSC 301 Soil Science
MFPS 316 Introduction to Theory and Practice of Plant Physiology

1 Students who have taken OCNG 251 cannot take OCNG 401.

Two courses in the degree plan must be writing intensive courses designated by the Environmental Programs in the schedule of classes. Also, international and cultural diversity electives (6 hours) must be incorporated into the degrees.

Environmental Studies - BS

The increasing demands that population growth and affluence put on the natural resources and the earth's environment require greater numbers of trained professionals and informed citizens. The Bachelor of Science
degree in Environmental Studies blends science and policy with an interdisciplinary understanding of Earth’s processes and policy aspects of human interactions with the environment. The degree is designed to educate students about our planet to be knowledgeable about the scientific, human dimension and policy aspects of environmental issues facing our nation as they work in regulatory agencies, industry, and non-governmental organizations.

Program Requirements

First Year

Fall

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMO 201</td>
<td>Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>&amp; ATMO 202</td>
<td>and Weather and Climate Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOG 203</td>
<td>Planet Earth</td>
<td></td>
</tr>
<tr>
<td>&amp; GEOG 213</td>
<td>and Planet Earth Lab</td>
<td></td>
</tr>
<tr>
<td>GEOL 101</td>
<td>Principles of Geology</td>
<td></td>
</tr>
<tr>
<td>&amp; OCN 251</td>
<td>Oceanography</td>
<td></td>
</tr>
<tr>
<td>&amp; OCN 252</td>
<td>and Oceanography Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOS 101</td>
<td>Introduction to the Geosciences (^1)</td>
<td>1</td>
</tr>
<tr>
<td>GEOS 105</td>
<td>Introduction to Environmental Geoscience</td>
<td>3</td>
</tr>
<tr>
<td>MATH 141</td>
<td>Business Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>POLS 206</td>
<td>American National Government</td>
<td>3</td>
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</table>

| Term Semester Credit Hours | 14 |

Spring

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMO 201</td>
<td>Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>or ATMO 202</td>
<td>and Weather and Climate Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOG 203</td>
<td>Planet Earth</td>
<td></td>
</tr>
<tr>
<td>&amp; GEOG 213</td>
<td>and Planet Earth Lab</td>
<td></td>
</tr>
<tr>
<td>GEOL 101</td>
<td>Principles of Geology</td>
<td></td>
</tr>
<tr>
<td>OCN 251</td>
<td>Oceanography</td>
<td></td>
</tr>
<tr>
<td>&amp; OCN 252</td>
<td>and Oceanography Laboratory</td>
<td></td>
</tr>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 201</td>
<td>Introduction to Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>MATH 142</td>
<td>Business Mathematics II</td>
<td>3</td>
</tr>
<tr>
<td>Creative arts elective (p. 22) (^2)</td>
<td>3</td>
<td></td>
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</tbody>
</table>

| Term Semester Credit Hours | 16 |

Second Year

Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ECON 202</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 205 or</td>
<td>Environmental Change or Climate Change</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 210</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 207</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>Communication elective (p. 20)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Life and physical sciences elective</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 101</td>
<td>Botany</td>
<td></td>
</tr>
<tr>
<td>BIOL 107</td>
<td>Zoology</td>
<td></td>
</tr>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
<td></td>
</tr>
<tr>
<td>BIOL 112</td>
<td>Introductory Biology II</td>
<td></td>
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</table>

| Language, philosophy and culture elective (p. 21) \(^2\) | 3 |
| Life and physical sciences elective | 4 |

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 101</td>
<td>Fundamentals of Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 111</td>
<td>and Fundamentals of Chemistry Laboratory I</td>
<td></td>
</tr>
<tr>
<td>CHEM 102</td>
<td>Fundamentals of Chemistry II</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 112</td>
<td>and Fundamentals of Chemistry Laboratory II</td>
<td></td>
</tr>
</tbody>
</table>

Term Semester Credit Hours | 16 |
Biol 1101 Botany
Biol 1107 Zoology
Biol 1111 Introductory Biology I
Biol 1112 Introductory Biology II
Chem 101 Fundamentals of Chemistry I
& Chem 111 Fundamentals of Chemistry Laboratory I
Chem 102 Fundamentals of Chemistry II
& Chem 112 Fundamentals of Chemistry Laboratory II
Free elective

<table>
<thead>
<tr>
<th>Term Semester Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>16</td>
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</table>

**Third Year**

**Fall**
- Agec 350 Environmental and Natural Resource Economics 3
- Geog 330 Resources and the Environment 3
- Geog 335 Pattern and Process in Biogeography 3
- Stat 303 Statistical Methods 3

Geoscience elective 3
Select one of the following:
- Atmo 321 Computer Applications in the Atmospheric Sciences
- Atmo 326 Environmental Atmospheric Science
- Atmo 363 Introduction to Atmospheric Chemistry and Air Pollution
- Atmo 453 Air Pollution Meteorology
- Atmo 491 Research
- Geog 324 Global Climatic Regions
- Geog 331 Geomorphology
- Geog 352 GNSS in the Geosciences
- Geol 352
- Geog 360 Natural Hazards
- Geog 370 Coastal Processes
- Mars 370
- Geog 400 Arid Lands Geomorphology
- Geog 404 Spatial Thinking, Perception and Behavior
- Geog 434 Hydrology and Environment
- Geog 435 Principles of Plant Geography
- Geog 442 Past Climates
- Geog 442
- Geog 450 Field Geography
- Geog 467 Dynamic Modeling of Earth and Environmental Systems
- Geog 475 Advanced Topics in GIS (Geographic Information Systems)
- Geog 491 Research
- Geol 420 Environmental Geology
- Geol 491 Research
- Geos 401 Polar Regions of the Earth: Science, Society and Discovery
- Geos 410 Global Change
- Geos 491 Research
- Ocng 350 Marine Pollution
- Ocng 420 Introduction to Biological Oceanography
- Ocng 425 Microbial Oceanography
- Ocng 430 Introduction to Geological Oceanography
- Ocng 440 Introduction to Chemical Oceanography
- Ocng 491 Research

<table>
<thead>
<tr>
<th>Term Semester Credit Hours</th>
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<tbody>
<tr>
<td>15</td>
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</tbody>
</table>

**Spring**
- Geog 390 Workshop in Environmental Studies 3
- Geog 399 Principles of Geographic Information Systems 4
- American history elective (p. 23) 3
- Environmental policy elective 3

Select one of the following:
- Besc 387 U.S. Environmental Regulations
- Econ 203 Principles of Economics
- Econ 323 Microeconomic Theory
- Econ 435 Economics of Resource Scarcity
- Geog 306 Introduction to Urban Geography
- Geog 309 Geography of Energy
- Geog 401 Political Geography
- Geog 406 Geographic Perspectives on Contemporary Urban Issues
- Geog 430 Environmental Justice
- Geos 444 The Science and Politics of Global Climate Change
- Geos 484 Internship
- Poli 347 Politics of Energy and the Environment
- Soc 328 Environmental Sociology
- Urpn 202 Building Better Cities
- Urpn 360 Issues in Environmental Quality
- Urpn 371 Environmental Health Planning and Policy
- Urpn 460 Sustainable Communities

<table>
<thead>
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<th>Term Semester Credit Hours</th>
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<tbody>
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<td>13</td>
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</tbody>
</table>

**Fourth Year**

**Fall**
- Geog 304 Economic Geography 3
- Geog 430 Global Science and Policy Making 3
- American history elective (p. 23) 3
- Environmental policy elective 3

Select one of the following:
- Besc 387 U.S. Environmental Regulations
- Econ 203 Principles of Economics
- Econ 323 Microeconomic Theory
- Econ 435 Economics of Resource Scarcity
- Geog 306 Introduction to Urban Geography
- Geog 309 Geography of Energy
- Geog 401 Political Geography
- Geog 406 Geographic Perspectives on Contemporary Urban Issues
- Geog 430 Environmental Justice
- Geos 444 The Science and Politics of Global Climate Change
**Term Semester Credit Hours:** 15

**Total Semester Credit Hours:** 120

1. Freshman entering the program take a first year seminar. GEOS 101. The choice is not restricted. Students transferring or changing majors into the program, who have not taken GEOS 101, are required to take GEOS 481 in their junior or senior year.

2. It is recommended to select a course that also fulfills an international and cultural diversity requirement.

3. Seek guidance about courses from the ENVAP academic advisor or faculty mentor.

4. Other courses which match the ENVAP technical elective definition will be allowed by adjustment. Guidance about technical electives (including the definition used by the Environmental Programs in Geosciences) can be found on the programs' website. Seek guidance about choices from the ENVAP academic advisor or faculty mentor.

Two courses in the degree plan must be writing intensive courses designated by the Environmental Programs in the schedule above. Also, international and cultural diversity electives (6 hours) must be incorporated into the degree.

**Environmental Geosciences - 5-Year Bachelor of Science/Master of Science in Oceanography**

The Fast Track Program offers motivated and exceptionally talented students the opportunity to achieve the degree requirements in an efficient program at Texas A&M, completing the Bachelor of Science (B.S.) degree in the Environmental Geosciences program and the Oceanography non-thesis M.S. degree in 5 years. There will be only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program will enable these motivated students to coordinate the required B.S. coursework (114 undergraduate credit hours plus 6 dual credit graduate courses) and non-thesis M.S. coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work and within 5 years.

**Application and Eligibility:**

- Applications to the Fast Track program will be submitted by July 1 after the completion of the student's junior year. Applications submitted after that time will be evaluated on a case by case basis.
- Applicants must have a minimum undergraduate GPR of 3.0. Applicants must also earn a C or better in all Chemistry, Calculus and Physics courses. Once admitted to the program, students must maintain a minimum 3.0 GPR.
- A faculty advisor will be assigned to each student. Students may seek additional mentors, but a formal committee is not required.
- Students admitted into the Fast Track program must finish the entire 150 credit hours to obtain both the Bachelor's and Master's degrees.
Detail Requirements

Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Limitation No more than 5 hours of 488 credit may be used in this degree plan.

Program : BS ERST [Geosciences]
Campus : College Station
College : Geosciences
Degree : Bachelor of Science
Level : Undergraduate
Majors : Environmental Studies
Departments : Geography
Catalog Term : Fall 2015 - College Station
Evaluation Term : Fall 2015 - College Station
Expected Graduation Date :
Request Number :
Results as of :
Oct 28, 2015
Minors :
Concentrations :

<table>
<thead>
<tr>
<th>Met</th>
<th>Credits</th>
<th>Courses</th>
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<tbody>
<tr>
<td></td>
<td>Required</td>
<td>Used</td>
</tr>
<tr>
<td>Total Required</td>
<td>No</td>
<td>120.00</td>
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<tr>
<td>Program GPA :</td>
<td>Yes</td>
<td>0.00</td>
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<tr>
<td>Overall GPA :</td>
<td>No</td>
<td>2.00</td>
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<td>Other Course Information</td>
<td>Transfer :</td>
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</table>

This is NOT an official evaluation.

Area Major Coursework (22.000 credits) - Not Met

<table>
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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>GEOS 105</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>GEOS 210 or GEOG 205 3hrs</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>C.</td>
<td>GEOG 201</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>D.</td>
<td>GEOG 330</td>
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<td>No</td>
<td>AND</td>
<td>E.</td>
<td>GEOG 335</td>
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<td>No</td>
<td>AND</td>
<td>F.</td>
<td>GEOG 380</td>
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<td>No</td>
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<td>G.</td>
<td>GEOG 405</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>L.</td>
<td>Seminar thr</td>
<td></td>
<td></td>
<td>Select from GEOS 101 or GEOS 481.</td>
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unofficial evaluation

Area Supporting Coursework (13.040 credits) - Not Met

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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Geoscience electives 6 hrs</td>
<td>Select from ATMO 321, 326, 363, 463, 491; GEOG 324, 331, 335, 360, 361, 370, 460, 490, 494, 434, 435, 442, 450, 467, 475, 491; GEOG 420, 491; GEOG 401, 410, 442, 491; CCNSG 150, 420, 425, 430, 440, 491.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Technical electives 7hrs</td>
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</table>
Detail Requirements

Complete the following:
1. Take GEOG 200 for 4hrs.
2. Select from ATM 321, 464; GEOG 212, 361, 450, 467, 475; GEOL 309, GEOG/GEOL 352; GEOS 470.

unofficial evaluation

**Area Environmental Policy Electives (24.000 credits) - Not Met**

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>AGEC 350</th>
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<tr>
<td></td>
<td>B.</td>
<td>GEOG 304</td>
</tr>
<tr>
<td></td>
<td>C.</td>
<td>GEOS 430</td>
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<tr>
<td></td>
<td>D.</td>
<td>PHIL 314</td>
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<tr>
<td></td>
<td>E.</td>
<td>REIR 470</td>
</tr>
<tr>
<td></td>
<td>F.</td>
<td>Enviro Policy Elect 9hrs</td>
</tr>
</tbody>
</table>

Select remaining 9 hours from: BESC 367; ECON 203, 323, 415; GEOG 306, 509, 401, 406, 450; GEOG 444, 484; POLS 347; SOC 328; URFN 302, 350, 371, 460.

unofficial evaluation

**Area Communication (6.000 credits) - Not Met**

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>ENGL 104</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>B.</td>
<td>Communication Rqmt 3hrs</td>
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</table>

Select 3 hours from any courses with the Communication attribute [ICOM].

unofficial evaluation

**Area Mathematics (9.000 credits) - Not Met**

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>MATH 141</th>
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</thead>
<tbody>
<tr>
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<td>B.</td>
<td>MATH 142</td>
</tr>
<tr>
<td></td>
<td>C.</td>
<td>STAT 303</td>
</tr>
</tbody>
</table>

unofficial evaluation

**Area Life and Physical Sciences (15.000 credits) - Not Met**

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>Introductory Geosciences 4hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select from ATM 201/202; GEOG 203/213; GEOL 101; OCN 251/252.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B.</td>
<td>Introductory Geosciences 4hrs</td>
</tr>
<tr>
<td></td>
<td>Select from ATM 201/202; GEOG 203/213; GEOL 101; OCN 251/252 not used in Rule A.</td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>C. Science Elect 8hrs</td>
</tr>
<tr>
<td>----</td>
<td>-----</td>
<td>-------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Select from BIOL 101, 107, 111, 112; CHEM 101/111, 102/112.</td>
</tr>
</tbody>
</table>

**unofficial evaluation**

<table>
<thead>
<tr>
<th>Area</th>
<th>Language, Philosophy &amp; Culture (3.000 credits) - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits Courses</td>
</tr>
<tr>
<td>No</td>
<td>A. Lang, Phil, Culture Reqnt 3hrs</td>
</tr>
<tr>
<td></td>
<td>Select any course with the Language, Philosophy and Culture attribute [KPC].</td>
</tr>
</tbody>
</table>

**unofficial evaluation**

<table>
<thead>
<tr>
<th>Area</th>
<th>Creative Arts (3.000 credits) - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits Courses</td>
</tr>
<tr>
<td>No</td>
<td>A. Creative Arts Requirement</td>
</tr>
<tr>
<td></td>
<td>Select three hours from any course with the Creative Arts attribute [ICRA].</td>
</tr>
</tbody>
</table>

**unofficial evaluation**

<table>
<thead>
<tr>
<th>Area</th>
<th>Social and Behavioral Science (3.000 credits) - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits Courses</td>
</tr>
<tr>
<td>No</td>
<td>A. ECON 202</td>
</tr>
</tbody>
</table>

**unofficial evaluation**

<table>
<thead>
<tr>
<th>Area</th>
<th>Citizenship (12.000 credits) - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</td>
</tr>
<tr>
<td>No</td>
<td>A. American History Reqnt 6hrs</td>
</tr>
<tr>
<td></td>
<td>Select from any course with the [KHS] attribute.</td>
</tr>
<tr>
<td>No</td>
<td>AND B. Political Science Reqnt 6hrs</td>
</tr>
<tr>
<td></td>
<td>Take POLS 206 and POLS 207.</td>
</tr>
</tbody>
</table>

**unofficial evaluation**

<table>
<thead>
<tr>
<th>Area</th>
<th>General Electives (9.000 credits) - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits Courses</td>
</tr>
<tr>
<td>No</td>
<td>A. General Electives 9hrs</td>
</tr>
</tbody>
</table>
unofficial evaluation

Area: Work Not Applied - Met
Description: See advisor for acceptable substitutions.

Met
Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No
A. Courses not applied

Total Credits and GPA 0.000 .00

unofficial evaluation

Area: University Writing Requirement - Not Met

Met
Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No
A. Writing Requirement
Two courses required.
Only sections of ATMO 456, 459, 463, 491; GEOG 309, 324, 360, 404, 430, 435, 476, 491; GEOL 301, 311-312, 410 420, 440, 491.
GEOG 491; GEOG 405, 491; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

Met
Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No
A. Int'l & Cultural Diversity 6hr
Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).

Total Credits and GPA 0.000 .00

unofficial evaluation

Area: Foreign Language - Not Met

Met
Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No
A. Foreign Language Reqmt
Complete one of the following:
1. Two years of the same foreign language in High School.
2. A two semester sequence of the same foreign language for University credit.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area: Residence Requirement - Not Met
Description: A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

Total Credits and GPA 0.000 .00
<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject</th>
<th>Attribute Low High Required Required</th>
<th>Term Subject Course Title Attribute Credits Grace Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Residence-Major 12hrs</td>
<td></td>
<td>(Select from AGEC 350; ATMO 321, 464; BESC 367; ECON 323 435; GEOG 304, 312, 330, 332, 335, 352, 361, 380, 390 400, 430, 467, 475; GEOL 309, 352, 420; GEOS 405, 430, 444, 470; HIL 314; POLS 347; RENV 470; SOC 328; URPY 360, 371, 460.)</td>
</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>B. Residence 300-499 24hrs</td>
<td>(Select any 300 or 400 level courses.)</td>
</tr>
</tbody>
</table>

| Total Credits and GPA | 0.000 | .40 |

unofficial evaluation

Area GPR-Major - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject</th>
<th>Attribute Low High Required Required</th>
<th>Term Subject Course Title Attribute Credits Grace Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Major GPR 30 hrs</td>
<td></td>
<td>(Select from ATMO 201, 202; GEOG 201, 203, 205, 213, 330, 335, 380; GEOL 101, 104; GEOS 101, 105, 210, 405, 481; GCNG 251, 252.)</td>
</tr>
</tbody>
</table>

| Total Credits and GPA | 0.000 | .00 |

unofficial evaluation

Back to Display Options
My understanding is that it is only the lower level.

Chris

---

Dr. Chris Houser | Global Faculty Ambassador
Associate Dean for Undergraduate and Faculty Affairs
Associate Professor, Department of Geography
College of Geosciences | Texas A&M University

On Dec 9, 2015, at 4:42 PM, Jake Williams <jakewilliams@tamu.edu> wrote:

Good afternoon, Dr. Houser.

The following comment was made at the UCC meeting regarding the BS-ENST program.

<table>
<thead>
<tr>
<th>D86</th>
<th>College of Geosciences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BS in Environmental Studies</td>
</tr>
</tbody>
</table>

Does the department want to restrict ALL ROTC courses or just the lower level from the General Electives?

I just wanted to follow up with you quick to see if you wanted to make any updates in response to this comment?

Thank you,

Jake Williams | Administrative Coordinator
Office of the Registrar, Academic Affairs | Texas A&M University
0100 TAMU | College Station, Texas 77843

ph: 979-845-8201 | jakewilliams@tamu.edu | registrar.tamu.edu

It’s Time for Texas A&M

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