31. Change in Curriculum

**College of Liberal Arts**
Department of Communication
BS in Telecommunication Media Studies
CHANGE IN CURRICULA
CHANGE IN CURRICULUM
COLLEGE OF LIBERAL ARTS
DEPARTMENT OF COMMUNICATION
BS IN TELECOMMUNICATION MEDIA 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, ID, MD, etc.)
2. Request change for:  ✔ Degree Program  □ Minor  □ Certificate
3. Request submitted by (Department or Program Name):  Communication
4. Program Designation and Name:  (e.g., B.A. in History, Minor in History, Certificate in European Union):  B.S. in Telecommunication Media Studies
5. Brief description of change:
   1. Permit COMM courses to fulfill general electives by removing restriction of the application of COMM courses to general electives.
   2. Permit application of up to 6 hours of COMM 485 to the TCMS-BS requirement
   3. Update renumbered courses, withdrawn and omitted courses from Degree Evaluation
   4. COMM courses in the Core Curriculum will continue to be excluded from fulfilling Core Curriculum requirements for TCMS majors.
   5. Move "Literature in English" requirement in Catalog Copy to "communication core" consistent with Degree Evaluation
   6. Correct spelling of "communication" and "telecommunication." There is no 'e' on the end of either of these words.
6. Rationale for change:
   1. TCMS BS has a requirement of a minor, therefore students have significant structure to the courses they take in addition to the core and the major. Students pursuing certificates in the Department of Communication need greater capacity to apply COMM courses to the degree without delaying time to completion.
   2. This change from 3 hours to 5 hours of Directed Study expands the options of students who pursue individualized and/or research pathways.
   3. A number of courses listed in the Degree Evaluation have been renumbered or no longer exist. They appear to be listed accurately in the Course Catalog. Some courses are omitted from major GPR list in Degree Evaluation. This change corrects the listings.
   4. This is reflected in the catalog copy but not in the degree evaluation.
   5. This change brings the catalog copy in line with the degree evaluation. It is conceptually consistent, too.

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

7. a. Proposed curriculum attached.  ✔ Yes  □ No
   b. Current catalog curricula 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

http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF31D60

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:

J. Kevin Barge, Professor & Head
Department Head or Program Chair, Type Name & Sign

Chair, College Review Committee

Date

November 11, 2015

Questions regarding this form should be directed to Curricular Services at 945-8201 or sandra-williams@tamu.edu.
Curricular Services - 04/14

RECEIVED
CURRICULAR SERVICES
NOV 20 2015
Proposed Curriculum B.S. Telecommunication Media Studies

The proposed curriculum for the B.S. in Telecommunication Media Studies is the same as the current curriculum with the exception that

1. COMM courses may be applied to the general elective category.

2. Six hours rather than three hours of COMM 485 may apply to the major.

3. COMM courses in the Core Curriculum will continue to be excluded from fulfilling Core Curriculum requirements for COMM majors. This is reflected in the catalog copy but not in the degree evaluation.

4. Renumbered courses will be updated and two courses that no longer exist will be removed from listings. The renumbered classes are accurate in the Course Catalog. Three courses omitted from the Degree Evaluation major GPR category will be restored.
# Program Requirements  Telecommunication Media Studies - BS

- [Home](#) > [Undergraduate Catalog](#) > [College of Liberal Arts](#) > [Communication](#) > Telecommunication Media Studies – BS  Program Requirements

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>COMM 230/JOUR 230</td>
<td>3</td>
</tr>
<tr>
<td>COMM 307/JOUR 201</td>
<td>3</td>
</tr>
<tr>
<td>or COMM 354</td>
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<tr>
<td>or Political Economy of Telecommunication</td>
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<tr>
<td>COMM 330</td>
<td>3</td>
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<tr>
<td>Technology and Human Communication</td>
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<tr>
<td>COMM 345</td>
<td>3</td>
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<tr>
<td>Media Industries</td>
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<td>COMM 350</td>
<td>3</td>
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<tr>
<td>Theories of Mediated Communication</td>
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<td>COMM 375</td>
<td>3</td>
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<tr>
<td>Media Audiences</td>
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<tr>
<td>COMM 400-COMM 480</td>
<td>6</td>
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</table>

Telecommunications/Electives

Select three of the following:

<table>
<thead>
<tr>
<th>Core Courses</th>
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<tbody>
<tr>
<td>COMM 100-COMM 499</td>
<td>9</td>
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<tr>
<td>CSCE 110</td>
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<tr>
<td>Programming I</td>
<td></td>
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<td>CSCE 206</td>
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<tr>
<td>Structured Programming in C</td>
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<tr>
<td>ISYS 250</td>
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<tr>
<td>Business Programming Logic and Design</td>
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<td>ISYS 310</td>
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<tr>
<td>Network Communications and Infrastructure</td>
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<td>ISYS 315</td>
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<tr>
<td>Database Programming</td>
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<td>ISYS 325</td>
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<tr>
<td>Business Object Oriented Programming with Java</td>
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<tr>
<td>ISYS 425</td>
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<tr>
<td>Complex Business Application Design</td>
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<tr>
<td>JOUR 102</td>
<td></td>
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<tr>
<td>American Mass Media</td>
<td></td>
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<tr>
<td>JOUR 301/COMM 307</td>
<td></td>
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<tr>
<td>Mass Communication, Law and Society</td>
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<tr>
<td>MGMT 209</td>
<td></td>
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<tr>
<td>Business, Government and Society</td>
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<td>MGMT 309</td>
<td></td>
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<tr>
<td>Survey of Management</td>
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<tr>
<td>TCMG 274</td>
<td></td>
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<tr>
<td>Distance Networking for Training and Development</td>
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<tr>
<td>WGST 407/COMM 407</td>
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<tr>
<td>Women, Minorities and the Mass Media</td>
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</tbody>
</table>

College and University Requirements

| ENGL 104                                                |       |
| Composition and Rhetoric                                | 3     |

Select one of the following:

<p>| ENGL 203                                                |       |
| Writing about Literature                                | 3     |
| ENGL 210                                                |       |
| Technical and Business Writing                          |       |
| COMM 203                                                |       |
| Public Speaking                                         |       |
| COMM 205                                                |       |
| Communication for Technical Professions                 |       |
| COMM 243                                                |       |
| Argumentation and Debate                                |       |
| COMM 308                                                |       |
| Research Methods in Communication                       |       |
| ISYS 210                                                |       |
| Fundamentals of Information Systems                     |       |
| STAT 303                                                |       |
| Statistical Methods                                      |       |
| ISYS 250                                                |       |
| Business Programming Logic and Design                    |       |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 220</td>
<td>or Methods of Social Research</td>
<td></td>
</tr>
<tr>
<td>STAT 307</td>
<td>or Sample Survey Techniques</td>
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</tr>
<tr>
<td>MATH 141</td>
<td>Business Mathematics I</td>
<td>3</td>
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<tr>
<td>MATH 166</td>
<td>or Topics in Contemporary Mathematics II</td>
<td></td>
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</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 131</td>
<td>Mathematical Concepts—Calculus</td>
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<tr>
<td>MATH 142</td>
<td>Business Mathematics II</td>
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<tr>
<td>MATH 151</td>
<td>Engineering Mathematics I</td>
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<tr>
<td>PHIL 240</td>
<td>Introduction to Logic (or higher)</td>
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</table>

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Life and physical sciences elective</td>
<td>9</td>
</tr>
<tr>
<td>Language, philosophy and culture elective</td>
<td>3</td>
</tr>
<tr>
<td>Creative arts elective</td>
<td>3</td>
</tr>
<tr>
<td>Language, philosophy and culture or creative arts elective</td>
<td>3</td>
</tr>
<tr>
<td>Literature in English</td>
<td>6</td>
</tr>
<tr>
<td>ECON 202</td>
<td>3</td>
</tr>
<tr>
<td>Social and behavioral sciences electives</td>
<td>3</td>
</tr>
<tr>
<td>American history elective</td>
<td>6</td>
</tr>
<tr>
<td>POLS 206</td>
<td>3</td>
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<tr>
<td>POLS 207</td>
<td>3</td>
</tr>
<tr>
<td>International and cultural diversity</td>
<td>4</td>
</tr>
</tbody>
</table>

| Minor 5                                           | 15-18        |
| General Electives 6                               | 0-6          |
| Total Semester Credit Hours                        | 120          |

1 COMM 203 and COMM 243 cannot be taken as electives. Courses in the Core Requirements not selected to meet those requirements may be selected as electives.

2 ENGL 203 will count toward the Communication requirement or the Literature in English requirement, but not both.

3 COMM course may not be used to fulfill this requirement.

4 Courses may also be used to satisfy any other requirement.

5 Courses approved by the College of Liberal Arts, except Communication. No more than 9 semester credit hours may be at a lower-division (100 and 200) level. A minor must be declared before a student completes 75 semester credit hours. Minimum grade of C is required.

6 Maximum of 9 semester credit hours of any combination of military science and physical activity courses.

Students take 24 credit hours of the required program core courses and 9-10 credit hours of telecommunication media studies elective courses for a total of 33 credit hours. At least 12 credits must be at the upper-division level. At least 12 credits must be taken in residence at Texas A&M University. Minimum grade of C in each course. No more than 3 credit hours of COMM 484; no more than 3 credit hours of COMM 485.
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 Only one course from MATH 141, 156 may be used in this degree program.

Limitation Only 14 hours of KINE 199; AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward Residency.

Program: BS TCMS
Campus: College Station
College: Liberal Arts
Degree: Bachelor of Science
Level: Undergraduate
Majors: Telecommunication Media Studies
Departments: Communication

Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date: 
Request Number: 3
Results as of: Oct 31, 2015
Minors:
Concentrations:

<table>
<thead>
<tr>
<th>Met</th>
<th>Credits</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Required</td>
<td>Used</td>
<td>Required</td>
</tr>
<tr>
<td>Total Required</td>
<td>No</td>
<td>120.00</td>
</tr>
<tr>
<td>Program GPA</td>
<td>Yes</td>
<td>.00</td>
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<tr>
<td>Overall GPA</td>
<td>No</td>
<td>2.00</td>
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</table>

Other Course Information

Transfer: 0.00 0

This is NOT an official evaluation.

Area Major Coursework (33.000 credits) - Not Met:

<table>
<thead>
<tr>
<th>Met Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low High Required</th>
<th>Credits</th>
<th>Required Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No  A.</td>
<td>COMM 230</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND  B.</td>
<td>COMM 330</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND  C.</td>
<td>COMM 350</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND  D.</td>
<td>COMM 375</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND  E.</td>
<td>COMM 345</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND  F.</td>
<td>Telecom Rqmt 1 3hrs</td>
<td>Must make a grade of &quot;C&quot; or better. Select from COMM 307, 354.</td>
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<tr>
<td>No AND  G.</td>
<td>Telecom Rqmt 1 6hrs</td>
<td>Take 6 hours of COMM 400-499. Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND  H.</td>
<td>Telecom Elect 9hrs</td>
<td>Select from COMM 101-202, 204-242, 244-499; CSCE 110, 206; ASAT 104; BIS/5 250, 300-399, 420; 422; JOUR 102; 301; MGMT 209, 309; WGST 407. 310, 315, 325, 425</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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</tbody>
</table>
unofficial evaluation

Area Quantitative Skills (12.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>AND</td>
<td>A. ISYS 210</td>
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<td>No</td>
<td>AND</td>
<td>B. STAT 303</td>
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<td>No</td>
<td>AND</td>
<td>C. Directed Elective 3hrs</td>
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<td></td>
<td>AND</td>
<td>D. COMM 308</td>
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Total Credits and GPA 0.000 0.00

unofficial evaluation

Area Communication (12.000 credits) - Not Met

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<tr>
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<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A. ENGL 104</td>
<td></td>
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<td>Must have a grade of 'C' or better.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B. Communication Reqmt 3hrs</td>
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<td>Select from ENGL 203, 210; COMM 203, 205, 243.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>C. Literature Requirement 6hrs</td>
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Total Credits and GPA 0.000 0.00

unofficial evaluation

Area Mathematics (6.000 credits) - Not Met

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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low High Required Credits</th>
<th>Required Courses</th>
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<th>Credits</th>
<th>Grade</th>
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<tbody>
<tr>
<td>No</td>
<td>A. Mathematics Reqmt 3hrs</td>
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<td>Select from MATH 141, 156.</td>
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<td>No</td>
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Total Credits and GPA 0.000 0.00

unofficial evaluation

Area Life and Physical Sciences (9.000 credits) - Not Met

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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
<th>Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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Total Credits and GPA 0.000 0.00

unofficial evaluation
unofficial evaluation

**Area Creative Arts/Lang, Phil, Cult ( 9.000 credits ) - Not Met**

<table>
<thead>
<tr>
<th>No</th>
<th>Subject</th>
<th>Attribute</th>
<th>Credits</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Lang, Phil, Culture</td>
<td>Rqmt 3hrs</td>
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<td>(except COMM 100-499)</td>
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<tr>
<td>No</td>
<td>A.</td>
<td>Creative Arts</td>
<td>3hrs</td>
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<td>(except COMM 100-499)</td>
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<td>A.</td>
<td>Cr. Arts/Lang, Phil, Cul</td>
<td>3hrs</td>
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<td>(except COMM 100-499)</td>
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unofficial evaluation

**Area Social and Behavioral Science ( 6.000 credits ) - Not Met**

<table>
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<th>Credits</th>
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<tr>
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<td>A.</td>
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<td>3hrs</td>
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<td>(except COMM 100-499)</td>
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unofficial evaluation

**Area Citizenship ( 12.000 credits ) - Not Met**

Description: Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

<table>
<thead>
<tr>
<th>No</th>
<th>Subject</th>
<th>Attribute</th>
<th>Credits</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>American History Rqmt</td>
<td>6hrs</td>
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<td>(except [KHS]) attribute</td>
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<tr>
<td>No</td>
<td>A.</td>
<td>Political Science Rqmt</td>
<td>6hrs</td>
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<td>Take FOLS 206 and FOLS 207</td>
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unofficial evaluation

**Area General Electives ( 21.000 credits ) - Not Met**

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<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>General Electives</td>
<td>21hrs</td>
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</tbody>
</table>

Select any 100-499 course not used elsewhere.

*It appears that Degree Evaluation already permits application of COMM courses to General Electives.*
unofficial evaluation

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

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Courses not applied</td>
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</tbody>
</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Required Minor - Not Met**

<table>
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<tr>
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<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Required Minor</td>
<td>A minor is required for this degree program. You have not declared your minor yet. Please see your advisor to do so.</td>
<td></td>
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</tr>
</tbody>
</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: University Writing Requirement - Not Met**

<table>
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<tr>
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<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Writing Requirement</td>
<td>Two courses required. Only sections of COMM 400-480 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
<td></td>
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</tbody>
</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Int'l & Cult Diversity - Not Met**

<table>
<thead>
<tr>
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<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Int'l &amp; Cultural Diversity Shr</td>
<td>Select from courses with the International and Cultural Diversity attribute [UICO] (except sections of BUSI 289 with the UWRT attribute).</td>
<td></td>
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</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Foreign Language - Not Met**

<table>
<thead>
<tr>
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<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Foreign Language Reqmt</td>
<td></td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Resi</td>
<td>-</td>
<td>Major 12</td>
<td>hrs</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Residence</td>
<td>-</td>
<td>300-499</td>
<td>24 hrs</td>
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</table>

unofficial evaluation

**Area:** GPR-Major - Not Met
**Description:** A GPR of 2.00 must be maintained in all major field courses.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Major</td>
<td>GPR 31+</td>
<td>hrs</td>
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<tr>
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<td>Includes</td>
<td>COMM</td>
<td>101-499</td>
<td>; CSCE</td>
<td>110, 206</td>
<td>;</td>
<td>Math 113,</td>
<td>JOUR</td>
<td>102, 103</td>
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<td></td>
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<td></td>
<td>MBMT 209;</td>
<td>309</td>
<td></td>
<td></td>
<td>WEST</td>
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</tbody>
</table>

unofficial evaluation

Back to Display Options

* These courses are part of the major and therefore part of the major CPR
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS

DEPARTMENT OF HISTORY

BA IN HISTORY
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type:
   - Undergraduate ☑
   - Graduate ☐
   - First Professional (M.S., M.D. etc.) ☐

2. Request change for:
   - Degree Program ☑
   - Minor ☐
   - Certificate ☐

3. Request submitted by (Department or Program Name):
   History

4. Program Designation and Name:
   - History
   - B.A. in History
   - Certificate in European Union

5. Brief description of change:
The General Electives Area in the History degree plan is reserved for non-HIST courses. We want to allow students who major in History to be able to use up to 12 hours of upper level HIST courses in the General Electives Area.

6. Rationale for change:
   We want our students to have the flexibility to take more HIST courses and to use them in their degree plans.

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

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:

David J. Vaught, 11/12/2015

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 845-8101 or weaver-williams@tcu.edu.
Curricular Services 04/14
HISTORY DEGREE PLAN

A Bachelor of Arts degree from the College of Liberal Arts requires 120 semester hours successfully completed and distributed according to the core requirements below. The university catalog defines which courses satisfy the various categories.

History majors must maintain a GPR of 2.0 both overall and in their major to be in good standing. No grade below C will count toward either the major or minor requirements. History majors must complete a MINIMUM of 33 hours of history courses according to the schedule below. A total of 14 hours of KINE and military hours (MLSC, AERS, NVSC) may be used toward graduation.

The university Residency requirement is 36 semester hours of upper level (300-400) courses successfully completed at Texas A&M. History majors must complete 18 hours of history (100-400) in residence at Texas A&M University.

Name: ____________________________

UIN: ____________________________

Total applied hours: ____________ Cumulative GPR: ____________ Residency Hours still needed: ____________

MAJOR

History (HIST) 33 hours:

<table>
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<th>REQUIRED courses</th>
<th>semester</th>
<th>grade</th>
<th>hours</th>
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<tbody>
<tr>
<td>HIST 101 or 103</td>
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<tr>
<td>HIST 102 or 104</td>
<td>3</td>
<td></td>
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<tr>
<td>HIST 105</td>
<td>3</td>
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</tr>
<tr>
<td>HIST 106</td>
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<td>HIST 280</td>
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<tr>
<td>HIST 481</td>
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</table>

ELECTIVE courses. You need: (a) at least 12 hours (4 courses) at the 300-400 level; (b) at least 3 hours (1 course) of pre-modern history at the 200-400 level; (c) at least 3 hours (1 course each) from three of five lists (U.S.; Europe; Latin America/Caribbean; Africa/Asia/Middle East; Thematic).

<table>
<thead>
<tr>
<th>courses</th>
<th>semester</th>
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<td>(300-489)</td>
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OPTIONAL Minor:

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<th>hours</th>
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</table>

Social and Behavioral Sciences (USSC), 6 hours:

<table>
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<tbody>
<tr>
<td></td>
<td></td>
<td>3</td>
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</table>

Life & Physical Sciences [KLPS] 9 hours:

Select 9 hours from any courses with the Life & Physical Sciences attribute [KLPS]

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<th>grade</th>
<th>hours</th>
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<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>Foreign Language - 14 hours:</td>
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<tr>
<td>-----------------------------</td>
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</tr>
<tr>
<td>You MUST take a placement test if you have previously taken ANY courses in this language. Call 979-845-0532 for info. All 14 hours must be in the same language.</td>
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<td></td>
</tr>
<tr>
<td>courses</td>
<td>semester</td>
<td>grade</td>
<td>hours</td>
</tr>
<tr>
<td>101/121</td>
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<td>4</td>
</tr>
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<td>102/122</td>
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<td>4</td>
</tr>
<tr>
<td>201/221</td>
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<tr>
<td>202/222</td>
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<table>
<thead>
<tr>
<th>Mathematics and Logical Reasoning, 6 hours:</th>
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<tbody>
<tr>
<td>Select from any MATH course EXCEPT: MATH 102, 103, 104, 130, 365 or 366. You also MAY select PHIL 240. Only one course from MATH 141/166 allowed.</td>
</tr>
<tr>
<td>courses</td>
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</table>

<table>
<thead>
<tr>
<th>Political Science (POLS) - 6 hours:</th>
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</thead>
<tbody>
<tr>
<td>courses</td>
</tr>
<tr>
<td>POLS 206</td>
</tr>
<tr>
<td>POLS 207</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Int'l and Cultural Diversity (UICD) 6 hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>courses</td>
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<table>
<thead>
<tr>
<th>Communication (COMM) - 6 hours:</th>
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</thead>
<tbody>
<tr>
<td>ENGL 104 AND one of the following:</td>
</tr>
<tr>
<td>ENGL 203, ENGL 210, ENGL 235, ENGL 241, ENGL 301, COMM 203, or COMM 243,</td>
</tr>
<tr>
<td>courses</td>
</tr>
<tr>
<td>ENGL 104</td>
</tr>
<tr>
<td>ENGL/COMM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Literature (LIT) 6 hours:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses</td>
</tr>
<tr>
<td>ENGL 203 or ENGL</td>
</tr>
<tr>
<td>ENGL</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Creative Arts/Lang, Phil, Cult (9 hours):</th>
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<tbody>
<tr>
<td>A. Lang, Phil, Culture req. [KPLC], 3 hrs.</td>
</tr>
<tr>
<td>B. Creative Arts [KCRA], 3 hrs.</td>
</tr>
<tr>
<td>C. Creative Arts/Lang, Phil, Cult [KCRA or KPLC], 3 hrs.</td>
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<table>
<thead>
<tr>
<th>University Writing Requirement, 6 hrs.</th>
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<tbody>
<tr>
<td>courses</td>
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<table>
<thead>
<tr>
<th>General Electives - 25 hours (no more than 12 hours of HIST 360-499)</th>
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<tbody>
<tr>
<td>courses</td>
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<table>
<thead>
<tr>
<th>Advisor notes:</th>
</tr>
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<tbody>
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</table>
The Department of History at Texas A&M offers the B.A., M.A., and Ph.D. The faculty teach over one hundred undergraduate courses on peoples, ideas, and cultures from around the world and across the ages, and are devoted to developing students' critical thinking, reading, and writing skills. A major in history affords students both a broad education and valuable practical skills. By acquiring familiarity with people in diverse times, places and circumstances, students of history develop a sophisticated human empathy which is the key to good scholarship and good citizenship alike.

Many students rely upon a major in history as preparation for a career in teaching as well as graduate study in law, business, public administration, international relations and theology. A small number pursue graduate degrees in history itself. Other history majors seek postgraduate employment in business management, advertising and public relations, government service, museum and archival work, editorial and publishing work, park interpretation and administration, non-profit organizations, and professions requiring research and bibliographic skills.
# HISTORY - BA

**Home** > **Undergraduate Catalog** > **College of Liberal Arts** > **History** > **History - BA**

## OVERVIEW

### PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>History Requirements</strong></td>
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</tr>
<tr>
<td>HIST 101</td>
<td>Western Civilization to 1660</td>
<td>3</td>
</tr>
<tr>
<td>HIST 102</td>
<td>Western Civilization Since 1660</td>
<td>3</td>
</tr>
<tr>
<td>HIST 105</td>
<td>History of the United States</td>
<td>3</td>
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<tr>
<td>HIST 106</td>
<td>History of the United States</td>
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<tr>
<td>HIST 280</td>
<td>The Historian’s Craft ^1</td>
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<tr>
<td>HIST 481</td>
<td>Seminar in History ^1</td>
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<tr>
<td><strong>History elective ^2</strong></td>
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### College and University Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
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<tr>
<td><strong>Select one of the following:</strong></td>
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<tr>
<td>ENGL 203</td>
<td>Writing about Literature</td>
<td>3</td>
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<tr>
<td>ENGL 210</td>
<td>Technical and Business Writing</td>
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<tr>
<td>COMM 203</td>
<td>Public Speaking</td>
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<td>COMM 205</td>
<td>Communication for Technical Professions</td>
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<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
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<tr>
<td><strong>Literature in English</strong></td>
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<tr>
<td><strong>Foreign language</strong></td>
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<td><strong>Mathematics</strong></td>
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<td><strong>Select one of the following:</strong></td>
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<tr>
<td>MATH course</td>
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<tr>
<td>PHIL 240</td>
<td>Introduction to Logic</td>
<td>3</td>
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<tr>
<td>PHIL 341</td>
<td>Symbolic Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 342</td>
<td>Symbolic Logic II</td>
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<td><strong>Life and physical sciences</strong></td>
<td>9</td>
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<tr>
<td><strong>Language, philosophy and culture</strong></td>
<td>3</td>
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<td><strong>Creative arts</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Language, philosophy and culture or creative arts</strong></td>
<td>3</td>
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<tr>
<td><strong>Social and behavioral science</strong></td>
<td>6</td>
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</tr>
</tbody>
</table>
POLS 208  American National Government  3
POLS 207  State and Local Government  3

International and cultural diversity 3
Free electives (including minor) 4  25

Total Semester Credit Hours  120

1 Writing-intensive course.

2 At least 12 hours at the 300- and 400-level. At least 3 hours of pre-modern history and at least 3 hours from three of the five lists (United States; Europe; Latin America and Caribbean; Africa, Asia and the Middle East; Thematic).

3 Course may also be used to satisfy other requirements.

4 Students may use up to 12 hours of HIST 300-499 for this requirement.

5 Students should plan a program of study in consultation with one of the department’s undergraduate advisors.

-33 credits. A minimum of 33 hours in history may be applied to the degree. Students must take not less than 15 credit hours at upper level for history residency requirement. A grade of C or higher is required for a course to be counted in the major field.

A student must complete not less than 18 hours of coursework in history at Texas A&M University.

Minor Field of Study
All history majors are encouraged to select a minor field of study from departments or divisions within or outside of the College of Liberal Arts or in a particular area of interest (as in the case of interdisciplinary minors or career opportunity minors). The minor will consist of a minimum of 15 hours of coursework, as defined by the minor department. A grade of C or higher is required for a course to be counted in the minor field. Interdisciplinary minors, such as Women's and Gender Studies, Africana Studies, Classical Studies, Religious Studies, Film Studies, Latina/o and Mexican American Studies, and Business have specific requirements; students should consult undergraduate advisors in these areas of study. A second major may substitute for the minor. Courses used to meet the minor requirements may not be used in the major. See also the statement on “Minor Field of Study” under the general requirements of the College of Liberal Arts.
Detail Requirements

⚠️ Confidential Information for 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 Only one course from MATH 141, 166 may be used in this degree program.

Limitation Only one course from MATH 131, 142, 151, 171 may be used in this degree program.

Limitation Only 14 hours of KINE 199; AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward Residency.

Limitation Only 6 hours of HIST 485 may be used in this degree program.

<table>
<thead>
<tr>
<th>Program</th>
<th>Catalog Term</th>
<th>BA HIST</th>
<th>Evaluation Term</th>
<th>Fall 2015 - College Station</th>
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<td>Degree</td>
<td>College Station Liberal Arts Bachelor of Arts Undergraduate History History</td>
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<tr>
<td>College</td>
<td>Major</td>
<td>History</td>
<td>Concentrations</td>
<td>Study of Germany</td>
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<tr>
<td>Degree</td>
<td>Minor</td>
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<td>Results as of</td>
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<td></td>
<td>Nov 02, 2015</td>
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<table>
<thead>
<tr>
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<th>Required</th>
<th>Used</th>
<th>Required</th>
<th>Used</th>
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<tr>
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<td>120.00</td>
<td>81.00</td>
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<td>Program GPA</td>
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<td>.60</td>
<td>3.698</td>
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<tr>
<td>Overall GPA</td>
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<td>2.00</td>
<td>3.698</td>
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</table>
| Other Course Information
| Transfer      | 12.000   | 4     |
| In Progress   | 15.000   | 5     |
| Unused        | 3.000    | 1     |

This is NOT an official evaluation.

Area: Major Coursework (33.000 credits) - Not Met
Description: A maximum of 6 hours of HIST 280-299 may be included in this area. (HIST 280 for 3 hours is required, and the remaining three hours can be used in Rule G or H.)

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Term</th>
<th>Subject Course Title</th>
<th>Attribute Credits Grade Source</th>
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<td>HIST 104</td>
<td>History</td>
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<td>3 hrs</td>
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<td>3 hrs</td>
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<tr>
<td>Yes</td>
<td>AND</td>
<td>B.</td>
<td>HIST 105</td>
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<tr>
<td>Yes</td>
<td>AND</td>
<td>C.</td>
<td>HIST 106</td>
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<td></td>
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<tr>
<td>Yes</td>
<td>AND</td>
<td>D.</td>
<td>HIST 107</td>
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<tr>
<td>Yes</td>
<td>AND</td>
<td>E.</td>
<td>HIST 280</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>F.</td>
<td>HIST 481</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>G.</td>
<td>History Elective</td>
<td>3</td>
<td>3</td>
<td>3 hrs</td>
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</table>

Must make grade of 'C' or better.

Select 3 hours from three of five lists:

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption


Latin America & Caribbean: HIST 304, 320-322, 326-327, 341-343, 440-441, 449.

Africa, Asia, and Middle East: HIST 344-358.


No AND H. History Elective II 6hrs

Must make grade of 'C' or better.

unofficial evaluation

<table>
<thead>
<tr>
<th>Area Communication (12.000 credits) - Met</th>
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<tbody>
<tr>
<td>Met</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>Yes AND</td>
</tr>
<tr>
<td>Yes AND</td>
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</tbody>
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unofficial evaluation

<table>
<thead>
<tr>
<th>Area Mathematics (6.000 credits) - Not Met</th>
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<tbody>
<tr>
<td>Met</td>
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<tr>
<td>Yes</td>
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<tr>
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</table>

Select from PHIL 240 or a course with a [UMAT] attribute.

Total Credits and GPA 3.00 3.00

unofficial evaluation

<table>
<thead>
<tr>
<th>Area Natural Sciences (8.000 credits) - Not Met</th>
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<tbody>
<tr>
<td>Met</td>
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<tr>
<td>-----</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>No AND</td>
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</table>

Select from any course with the USC1 or USC2 attribute.

Total Credits and GPA 4.00 4.00
unofficial evaluation

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<tr>
<th>Area</th>
<th>Foreign Language (14.000 credits) - Not Met</th>
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</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>No</td>
<td>A. Arabic 14hrs 1. 8 hours. Take ARAB 101 and 102. 2. 6 hours. Take ARAB 201 and 202.</td>
</tr>
<tr>
<td>No</td>
<td>B. Chinese 14hrs 1. 8 hours. Take CHIN 101 and 102. 2. 6 hours. Take CHIN 201 and 202.</td>
</tr>
<tr>
<td>No</td>
<td>C. French 14hrs 1. 8 hours. Take FREN 101 and 102. 2. 3 hours. Select from FREN 201 or 221. 3. 3 hours. Select from FREN 202 or 222.</td>
</tr>
<tr>
<td>No</td>
<td>D. German 14hrs 1. 8 hours. Take GERM 101 and 102. 2. 3 hours. Select from GERM 201 or 221. 3. 3 hours. Select from GERM 202 or 222.</td>
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<td>No</td>
<td>E. Greek 14hrs 1. 8 hours. Take CLAS 101 and 102. 2. 3 hours. Take CLAS 211. 3. 3 hours. Select from CLAS 311 or 312.</td>
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<td>No</td>
<td>F. Italian 14hrs 1. 8 hours. Take ITAL 101 and 102. 2. 6 hours. Take ITAL 201 and 202.</td>
</tr>
<tr>
<td>No</td>
<td>G. Japanese 14hrs 1. 8 hours. Take JAPN 101 and 102. 2. 6 hours. Take JAPN 201 and 202.</td>
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<tr>
<td>No</td>
<td>H. Latin 14hrs 1. 8 hours. Take CLAS 121 and 122. 2. 6 hours. Take CLAS 221 and 222.</td>
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<tr>
<td>No</td>
<td>I. Portuguese 14hrs 1. 8 hours. Take PORT 101 and 102. 2. 6 hours. Take PORT 201 and 202.</td>
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<tr>
<td>No</td>
<td>J. Russian 14hrs 1. 8 hours. Take RUSS 101 and 102. 2. 6 hours. Select from RUSS 201, 202, 221, 222.</td>
</tr>
<tr>
<td>No</td>
<td>K. Spanish 14hrs 1. 4 hours. Take SPAN 101. 2. 4 hours. Select from SPAN 102 or 140. 3. 3 hours. Select from SPAN 201 or 221. 4. 3 hours. Select from SPAN 202 or 222.</td>
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Total Credits and GPA 11.000 4.80

unofficial evaluation

<table>
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<tr>
<th>Area</th>
<th>Humanities and VPA (9.000 credits) - Not Met</th>
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<tbody>
<tr>
<td>Met</td>
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</tr>
<tr>
<td>Yes</td>
<td>A. Visual/Performing Arts 3hrs</td>
</tr>
<tr>
<td>Yes AND</td>
<td>B. Humanities 3hrs</td>
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https://compass-sso.tamu.edu/pla/PROD/wckcapp.P_VerifyDispEvalViewOption
unofficial evaluation

Area Social and Behavioral Science (6.000 credits) - Met

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<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tr>
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<td>A.</td>
<td>Social Science 6hrs</td>
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Total Credits and GPA 6.000 4.00

unofficial evaluation

Area Citizenship (6.000 credits) - Met

<table>
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<th>Condition</th>
<th>Rule</th>
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<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tr>
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<td>A.</td>
<td>POLS 206</td>
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<tr>
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<td>B.</td>
<td>POLS 207</td>
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</table>

Total Credits and GPA 6.000 .60

unofficial evaluation

Area Kinesiology-Physical Activity (1.000 credits) - Met

<table>
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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
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<th>Credits</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Yes</td>
<td>A.</td>
<td>KINE 199</td>
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</table>

Total Credits and GPA 1.000 .60

unofficial evaluation

Area Kinesiology-Health & Fitness (1.000 credits) - Not Met

Description Transfer students may fulfill the Kinesiology and Health Fitness Requirement by transferring two KINE 199's taken prior to attending Texas A&M.

<table>
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<tr>
<th>Met</th>
<th>Condition</th>
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<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
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<th>Credits</th>
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<tr>
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<td>A.</td>
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</table>

Total Credits and GPA 0.000 .60

unofficial evaluation

Area General Electives (24.000 credits) - Not Met

https://compass-ssb.tamu.edu/pls/PORDRbwecapp.P_VerifyDispEvalViewOpti
Select any 100-499 course not used elsewhere (except HIST 100-499, ENGL 100-499, CAEN 100-499, STLC 100-499).

Select any 100-499 course not used elsewhere (except HIST 100-499, ENGL 100-499, CAEN 100-499, STLC 100-499) Up to 12 hours of HIST 300-499 may be used.

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

<table>
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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
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<th>Required Courses</th>
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<tr>
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<td>Courses not applied</td>
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unofficial evaluation

Total Credits and GPA: 8.000 3.89

unofficial evaluation

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unofficial evaluation

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<th>Additional Coursework - Met</th>
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<td>Condition Rule Subject Attribute Low High Required Credits</td>
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<tr>
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<td>A. Premodern History RQnt. I</td>
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<tr>
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<td>AND B. Premodern History RQnt. II</td>
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unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>University Writing Requirement - Not Met</th>
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</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>No</td>
<td>A. Writing Requirement</td>
</tr>
</tbody>
</table>

Two courses required. Select from HIST 280, 481 with the Writing attribute [UWRT] to satisfy this requirement. Must have a grade of "C" or better.

Total Credits and GPA 3.000 .00

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Int'l &amp; Cult Diversity - Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>Yes</td>
<td>A. Int'l &amp; Cultural Diversity 6hr</td>
</tr>
</tbody>
</table>

Total Credits and GPA 6.000 .00

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Residence Requirement - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&amp;M University. 15 hours must be in the major field.</td>
</tr>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>No</td>
<td>A. Residence Major 15hrs</td>
</tr>
<tr>
<td>No</td>
<td>AND B. Residence - 300-499 21hrs</td>
</tr>
</tbody>
</table>

Total Credits and GPA 21.000 3.60

unofficial evaluation
### Detail Requirements

**Area:** GPR-Major - Not Met

**Description:** A GPR of 2.00 must be maintained in all major field courses.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
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<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Major GPR.33+hrs</td>
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</tr>
</tbody>
</table>

**HONORS STD**

Total Credits and GPA 24.000 3.50

unofficial evaluation

E-mail Back to Display

Options

Print
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS
DEPARTMENT OF SOCIOLOGY
BA IN SOCIOLOGY
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):
   Program Designation and Name: Department of Sociology
   (e.g., B.A. in History, Minor in History, Certificate in European Union): Bachelor of Arts in Sociology

5. Brief description of change:
   1. Change Sociology major elective range from 206-499 to 100-499
   2. Raise allowable number of SOCI 484 from 3 to 6, eliminate superscript 1
   3. Eliminate superscript 3 regarding Mathematics courses
   4. Add superscript 2 to all major requirement and eliminate the "C for major courses" note
   5. Change "free" to "general" for electives
   6. Remove superscript 4 from general electives

6. Rationale for change:
   1. This is to accommodate current and future SOCI classes numbered less than 205, SOCI203 being an example of such a class.
   2. This number has been in place for a while on the degree evaluation and in practice. This should be a general note.
   3. Two reasons: we have always accepted standard core math courses, and this note is inaccurate. MATH150 and PHIL240 are already part of the core curriculum. There's no need for this note in the catalog.
   4. This just eliminates a redundancy.
   5. They are called general electives.
   6. We are allowing up to 6 credits of SOCI 484 to count toward general electives.

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
      http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

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:

Jane Sell  11-18-15
Department Head or Program Chair (Type Name & Sign) Date

Dean of College  11-18-15
Date

Chair, College Review Committee  11-18-15
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
Changes

7. Eliminate superscript 5

8. Change “33 credits of sociology may be applied to the degree” to “to the major”

Reasons

7. This is unnecessary

8. We are allowing 6 credits of SOCI 484 to count towards general electives.
### SOCIOLOGY – Bachelor of Arts

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 205</td>
<td>Introduction to Sociology(^1)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Methods of Social Research(^1)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 230</td>
<td>Classical Sociological Theory(^1)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 420</td>
<td>Advanced Methods of Social Research(^1)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 430</td>
<td>Contemporary Sociological Theory(^2)</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 100-499(^1)</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric(^1)</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 203</td>
<td>Writing about Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 210</td>
<td>Technical and Business Writing</td>
<td></td>
</tr>
<tr>
<td>COMM 203</td>
<td>Public Speaking</td>
<td></td>
</tr>
<tr>
<td>COMM 205</td>
<td>Communication for Technical Professionals</td>
<td></td>
</tr>
<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
<td></td>
</tr>
</tbody>
</table>

Literature – 6 credits
Mathematics – 6 credits
Life and Physical Sciences – 9 credits
Foreign Language – 14 credits
Creative Arts – 3 credits
Language, Philosophy, and Culture – 3 credits
Creative Arts or Language, Philosophy, and Culture – 3 credits
Social and Behavioral Sciences\(^2\) – 6 credits
American History – 6 credits
POLS 206 American National Government – 3 credits
POLS 207 State and Local Government – 3 credits
International and Cultural Diversity\(^3\) – 6 credits
General Electives\(^4\) – 19 credits
A grade of C or better is required for credit.

SOCI courses do not count toward fulfilling this requirement

Courses may be used to satisfy any other requirement

No more than 6 credits of SOCI 484 may count toward this requirement.

No more than 33 credits in SOCI may be applied to the major.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing intensive requirement (W). See the section on general requirements for baccalaureate degrees for more information.
SOCI 205 - Introduction to Sociology 3
SOCI 220 - Methods of Social Research 3
SOCI 230 - Classical Sociological Theory 3
SOCI 420 - Advanced Methods of Social Research 3
SOCI 430 - Contemporary Sociological Theory 3

College and University Requirements

Communication

ENGL 104 - Composition and Rhetoric 3

Select one of the following:

ENGL 203 - Writing about Literature
ENGL 210 - Technical and Business Writing
COMM 203 - Public Speaking
COMM 205 - Communication for Technical Professions
COMM 243 - Argumentation and Debate
<table>
<thead>
<tr>
<th>Course Category</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Literature in English</td>
<td>6</td>
</tr>
<tr>
<td>Foreign language</td>
<td>14</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>Life and physical sciences</td>
<td>9</td>
</tr>
<tr>
<td>Language, philosophy and culture</td>
<td>3</td>
</tr>
<tr>
<td>Creative arts</td>
<td>3</td>
</tr>
<tr>
<td>Language, philosophy and culture or Creative arts</td>
<td>3</td>
</tr>
<tr>
<td>Social and behavioral science</td>
<td>6</td>
</tr>
<tr>
<td>American history</td>
<td>6</td>
</tr>
<tr>
<td>POLS 206 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 207 State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>International and cultural diversity</td>
<td>3</td>
</tr>
<tr>
<td>General Free electives</td>
<td>19</td>
</tr>
</tbody>
</table>

**Total Semester Credit Hours** 120

4. No more than 3 semester credit hours for SOCI 484 may be applied to the Bachelor of Arts degree in Sociology.

5. A grade of C or better is required for credit.

3. At least 3 hours must be in MATH except MATH 102, MATH 150, MATH 365, and MATH 366. Three hours may be PHIL 240.

2. SOCI courses do not count toward fulfilling this requirement.

5. Only American history courses fulfill this requirement.

9. Course may be used to satisfy any other requirement.
No more than 33 hours in sociology may be applied to the degree.

A grade of C or higher is required if a course is to be counted in the major field.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing requirement (W). See the section on general requirements for baccalaureate degrees for more information.
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 Only one course from MATH 144, 156 may be used in this degree program.

Limitation Only 14 hours of KINE 199; AEJS 100-499; MISC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward Residency.

Limitation Only 6 hours of SOCI 484 may be used in this program.

<table>
<thead>
<tr>
<th>Program</th>
<th>Catalog Term</th>
<th>Evaluation Term</th>
<th>Expected Graduation Date</th>
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<tbody>
<tr>
<td>BA SOCI</td>
<td>Fall 2015 - College Station</td>
<td>Fall 2015 - College Station</td>
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<table>
<thead>
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<th>Degree</th>
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<tr>
<td>Bachelor of Arts</td>
<td>Undergrads</td>
<td>Sociology</td>
<td>Sociology</td>
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</table>

<table>
<thead>
<tr>
<th>Met Credits</th>
<th>Courses</th>
</tr>
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<tbody>
<tr>
<td>Required</td>
<td>Used</td>
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<tr>
<td>Total Required</td>
<td>120.000</td>
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<tr>
<td>Program GPA</td>
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<tr>
<td>Overall GPA</td>
<td>No</td>
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</table>

Other Course Information

Transfer:

0.000 0

This is NOT an official evaluation.

Area Major Coursework (33.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>SOCI 205</td>
<td></td>
<td></td>
<td></td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>SOCI 220</td>
<td></td>
<td></td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>C.</td>
<td>SOCI 230</td>
<td></td>
<td></td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td></td>
<td></td>
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<tr>
<td>No</td>
<td>AND</td>
<td>D.</td>
<td>SOCI 420</td>
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<td></td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td></td>
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<tr>
<td>No</td>
<td>AND</td>
<td>E.</td>
<td>SOCI 430</td>
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<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>F.</td>
<td>SOCI Undergrad 18hrs</td>
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<td>Select from SOCI 499.</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<td>Total Credits and GPA 0.000 .00</td>
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</tr>
</tbody>
</table>

unofficial evaluation

Area Communication (12.000 credits) - Not Met

https://compass-ssb.tamu.edu/pls/PROD/twcxcapp_P_VerifyDispEvalViewOption
unofficial evaluation

Area Mathematics (6.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met Condition Rule Subject Attribute Low High Required</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No A. Mathematics Reqmt 3hrs</td>
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<td></td>
</tr>
<tr>
<td>No AND B. MathLogic Reqmt 3hrs</td>
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</table>

unofficial evaluation

Area Life and Physical Sciences (9.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met Condition Rule Subject Attribute Low High Required</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No A. Life/Physical Sciences 9hrs</td>
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unofficial evaluation

Area Foreign Language (14.000 credits) - Not Met

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<th>Met Condition Rule Subject Attribute Low High Required</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No (A. Arabic 14hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No OR(B. Chinese 14hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No OR(C. French 14hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No OR(D. German 14hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No OR(E. Greek 14hrs</td>
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</tbody>
</table>
3. 3 hours. Select from CLAS 311 or 312.

No OR (F) Italian 14hrs
1. 8 hours. Take ITAL 101 and 102.
2. 6 hours. Take ITAL 201 and 202.

No OR (G) Japanese 14hrs
1. 8 hours. Take JAPN 101 and 102.
2. 6 hours. Take JAPN 201 and 202.

No OR (H) Latin 14hrs
1. 8 hours. Take CLAS 121 and 122.
2. 6 hours. Take CLAS 221 and 222.

No OR (I) Portuguese 14hrs
1. 8 hours. Take PORT 101 and 102.
2. 6 hours. Take PORT 201 and 202.

No OR (J) Russian 14hrs
1. 8 hours. Take RUSS 101 and 102.
2. 6 hours. Select from RUSS 201, 202, 221, 222.

No OR (K) Spanish 14hrs
1. 4 hours. Take SPAN 101.
2. 4 hours. Select from SPAN 102 or 140.
3. 3 hours. Select from SPAN 201 or 221.
4. 3 hours. Select from SPAN 202, 203 or 222.

unofficial evaluation

Area: Lang., Phil., Cult. & Cr. Arts (9,000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Grade Source
Credits Courses
No A. Creative Arts 3hrs
Select from any course with the Creative Arts [KCRA] attribute.

No AND B. Lang., Phil., & Cul. 3hrs
Select from any course with the Language, Philosophy, and Culture [KLPC] attribute.

No AND C. Lang., Phil., Cul.& Cr. Art 3hrs
Select from any course with the Language, Philosophy, and Culture [KLPC] attribute or with the Creative Arts [KCRA] attribute.

unofficial evaluation

Area: Social and Behavioral Science (4,000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Grade Source
Credits Courses
No A. Social Science 3hrs
Select from any course with the Social and Behavioral Sciences [KSO] attribute (except SOCI 100-499).

No AND B. Social Science 3hrs
Select from any course with the Social and Behavioral Sciences [KSO] attribute (except SOCI 100-499).

unofficial evaluation

Area: Citizenship (12,000 credits) - Not Met
Description: Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

https://compass-sbe.tamu.edu/pts/PROD/bwscappp.P_VerifyDistEvalViewOption
unofficial evaluation

Area: General Electives (19.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
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</tbody>
</table>

Select any 100-99 course not used elsewhere, except SOCI 100-499. No more than 6 credits of SOCI 181 may count toward this requirement.

Total Credits and GPA 0.000 0.00

unofficial evaluation

Area: Work Not Applied - Met

Description: See adviser for acceptable substitutions.

<table>
<thead>
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<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
</tr>
</thead>
<tbody>
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</table>

Density course not applied

Total Credits and GPA 0.000 0.00

unofficial evaluation

Area: University Writing Requirement - Not Met

<table>
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<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
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</thead>
<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

Two courses required. Only sections of SOCI 205-309, 310, 315, 320, 420, 424, 429-499 with the Writing attribute [UWRT] may be used to satisfy this requirement.

Total Credits and GPA 0.000 0.00

unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
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<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Select from courses with the International and Cultural Diversity attribute [UITCD], except sections of BUSN 289 with the UWRT attribute).

Total Credits and GPA 0.000 0.00

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.
unofficial evaluation

**Area:** GPR-Major - Not Met  
**Description:** A GPR of 2.00 must be maintained in all major field courses.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute Low High Required Required Term Subject</th>
<th>Course Title Attribute Credits</th>
<th>Grade Source</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Residence</td>
<td>Major 12hrs</td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Residence - 300-499 24hrs</td>
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**Total Credits and GPA:** 0.000 .00

unofficial evaluation

Back to Display Options
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS

DEPARTMENT OF SOCIOLOGY

BA IN SOCIOLOGY AND MPSA - 3+2
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.)
   ☑ Degree Program ☐ Minor ☐ Certificate

2. Request change for:

3. Request submitted by (Department or Program Name):
   Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union): Bachelor of Arts/Master of Public Service and Administration 3+2

4. Brief description of change:
   1. Change major elective and general elective details
   2. Remove superscript 3
   3. Remove “degree” to “major” in the “No more than 33 hours...” clause
   4. Remove “A grade of C or higher...” clause
   5. Add a new clause 4

5. Rationale for change:
   1. These are what the Bush School program has been using for some time.
   2. Two reasons: we have always accepted standard core math courses, and this note is inaccurate. MATH 150 and PHIL 240 are already part of the core curriculum. There is no need for this note in the catalog.
   3. This is redundant - the link goes to only American History courses.
   4. We are allowing 3 credits of SOCI 484 to count toward general electives.
   5. This is redundant.
   6. We are allowing 3 credits of SOCI 484 to count toward general electives.

6. Use the checkboxes below to make sure that all information is included.
   ☑ Yes ☐ No
   ☑ Yes ☐ No
   ☑ Yes ☐ No

7. a. Proposed curriculum attached.
   b. Current catalog curriculum with handwritten edits attached.
   c. Current Howdy degree evaluation with handwritten edits attached.

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?
      http://www.thecb.state.tx.us/index.cfm?objectid=A0F9E7FA-9A92-4F11-2756AD3BBFF01D69

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:
Jane Sell
Department Head or Program Chair (Type Name & Sign) Date 11-18-15
Chair, College Review Committee Date 11-14-15

Dean of College Date 11-18-15
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
### SOCIOLOGY – 5 Year Bachelor of Science/Master of Public Service and Administration

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<thead>
<tr>
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<th>Title</th>
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<tr>
<td>SOCI 205</td>
<td>Introduction to Sociology</td>
<td>3</td>
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<td>SOCI 220</td>
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<td>ENGL 210</td>
<td>Technical and Business Writing</td>
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</tr>
<tr>
<td>COMM 203</td>
<td>Public Speaking</td>
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<td>COMM 205</td>
<td>Communication for Technical Professionals</td>
<td></td>
</tr>
<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
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### Literature

- 6 credits

### Mathematics

- 6 credits

### Life and Physical Sciences

- 9 credits

### Foreign Language

- 14 credits

### Creative Arts

- 3 credits

### Language, Philosophy, and Culture

- 3 credits

### Creative Arts or Language, Philosophy, and Culture

- 3 credits

### Social and Behavioral Sciences

- 6 credits

### American History

- 6 credits

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<td>PSAA 621</td>
<td>Economic Analysis</td>
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1A grade of C or better is required for credit.

2SOCI courses do not count toward fulfilling this requirement.

3Courses may be used to satisfy any other requirement

4No more than 6 credits of SOCI 484 may count toward this requirement.

No more than 33 credits in SOCI may be applied to the major.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing intensive requirement (W). See the section on general requirements for baccalaureate degrees for more information.
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<td>Advanced Methods of Social Research</td>
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<tr>
<td>SOCI 430</td>
<td>Contemporary Sociological Theory</td>
<td>3</td>
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Select from the following: 18

- BUSH 635 Quantitative Methods in Public Management II: Policy Analysis Emphasis
- BUSH 636 Quantitative Methods II: Game Theory Emphasis
- PSAA 630 Program Evaluation in Public and Nonprofit Organizations
- SOCI 100-SOCI 499
- SOCI 608 Social Organization
- SOCI 616 Political Sociology

College and University Requirements

Communication
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<td>ENGL 104</td>
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<td>Select one of the following:</td>
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<tr>
<td>ENGL 203</td>
<td>Writing about Literature</td>
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<td>COMM 243</td>
<td>Argumentation and Debate</td>
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<td>Literature in English</td>
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<td>Foreign language</td>
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<td>Mathematics ²</td>
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<td>Life and physical sciences</td>
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<td>Language, philosophy and culture</td>
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<td>Language, philosophy and culture or Creative arts</td>
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<tr>
<td>Social and behavioral science ²</td>
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Any 100-499 course (except SOCI) 40

**Total Semester Credit Hours** 120

---

1. A grade of C or better is required for credit.

2. At least 3 hours must be in MATH except MATH 102, MATH 150, MATH 365, and MATH 366. Three hours may be PHIL 240.

3. SOCI courses do not count toward fulfilling this requirement.

4. Only American history courses fulfill this requirement.

5. Course may be used to satisfy any other requirement.

No more than 33 hours in sociology may be applied to the degree.

A grade of C or higher is required if a course is to be counted in the major field.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing requirement (W). See the section on general requirements for baccalaureate degrees for more information.

4. No more than 3 credits of SOCI 484 must be used toward fulfilling this requirement.
### 3+2 changes

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<tr>
<td>SOCI 100-499</td>
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<td>BUSH 631</td>
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### General electives⁴

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</table>
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 Only one course from MATH 141, 146 may be used in this degree program.

Limitation Only 13 hours of KINE 198-199, AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward residency.

Limitation Only 3 hours of SOCI 484 may be used in this program.

Limitation No more than 33 hours of SOCI can be applied to the degree.

Program: BA SOCI - 3+2 Program
Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date: Fall 2015 - College Station
Request Number: 3
Results as of: Nov 18, 2015
Minors:
Concentrations:

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This is NOT an official evaluation.

Area Major Coursework (33.000 credits) - Not Met:

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Must make a grade of "C" or better.
unofficial evaluation

Area Communication (12,000 credits) - Not Met

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<td>AND</td>
<td>B.</td>
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Total Credits and GPA 0.000 0.00

unofficial evaluation

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Total Credits and GPA 0.000 0.00

unofficial evaluation

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Total Credits and GPA 0.000 0.00

unofficial evaluation

Area Foreign Language (14,000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td></td>
<td>Arabic 14hrs</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1. 8 hours. Take ARAB 101 and 102.</td>
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<td></td>
<td></td>
<td></td>
<td>2. 6 hours. Take ARAB 201 and 202.</td>
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</tr>
<tr>
<td>No</td>
<td>OR</td>
<td>B.</td>
<td>Chinese 14hrs</td>
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<td></td>
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<td></td>
<td>1. 8 hours. Take CHIN 101 and 102.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>2. 6 hours. Take CHIN 201 and 202.</td>
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</table>

https://compass-ssb.tamu.edu/pls/PROD/twckappl.P_VerifyDispEvalViewOption
### French 14hrs
1. 8 hours. Take FREN 101 and 102.
2. 3 hours. Select from FREN 201 or 221.
3. 3 hours. Select from FREN 202 or 222.

### German 14hrs
1. 8 hours. Take GERM 101 and 102.
2. 3 hours. Select from GERM 201 or 221.
3. 3 hours. Select from GERM 202 or 222.

### Greek 5hrs
1. 8 hours. Take CLAS 101 and 102.
2. 3 hours. Take CLAS 211.
3. 3 hours. Select from CLAS 311 or 312.

### Italian 3hrs
1. 8 hours. Take ITAL 101 and 102.
2. 6 hours. Take ITAL 201 and 202.

### Japanese 14hrs
1. 8 hours. Take JAPN 101 and 102.
2. 6 hours. Take JAPN 201 and 202.

### Latin 14hrs
1. 8 hours. Take CLAS 121 and 122.
2. 6 hours. Take CLAS 221 and 222.

### Portuguese 14hrs
1. 8 hours. Take PORT 101 and 102.
2. 6 hours. Take PORT 201 and 202.

### Russian 14hrs
1. 8 hours. Take RUSS 101 and 102.
2. 6 hours. Select from RUSS 201, 202, 221, 222.

### Spanish 14hrs
1. 4 hours. Take SPAN 101.
2. 4 hours. Select from SPAN 102 or 140.
3. 3 hours. Select from SPAN 201 or 221.
4. 3 hours. Select from SPAN 202, 203 or 222.

Total Credits and GPA 0.000 .00

### Unofficial Evaluation

**Area Lang. Phil. Cult. & Cr. Arts (9.00 credits) - Not Met**

<table>
<thead>
<tr>
<th>Met Condition</th>
<th>Rule Subject Attribute</th>
<th>Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
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<tr>
<td>No</td>
<td>A. Creative Arts 3hrs</td>
<td>Select from any course with the Creative Arts (KCLA) attribute.</td>
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<tr>
<td>No AND</td>
<td>B. Lang. Phil. &amp; Cul 3hrs</td>
<td>Select from any course with the Language, Philosophy, and Culture (KLPC) attribute.</td>
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<tr>
<td>No AND</td>
<td>C. Lang. Phil. Cul.&amp; Art 3hrs</td>
<td>Select from any course with the Language, Philosophy, and Culture (KLPC) attribute or with the Creative Arts (KCLA) attribute.</td>
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Total Credits and GPA 0.000 .00

### Unofficial Evaluation

**Area Social and Behavioral Science (4.00 credits) - Not Met**

<table>
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<th>Rule Subject Attribute</th>
<th>Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Social Science 3hrs</td>
<td>Select from any course with the Social and Behavioral Sciences (KSOC) attribute (except SOCI 100-499).</td>
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<tr>
<td>No AND</td>
<td>B. Social Science 3hrs</td>
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unofficial evaluation

**Area:** Citizenship (12.000 credits) - Not Met  
**Description:** Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.  
**Met**  
<table>
<thead>
<tr>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
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<th>Required</th>
<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
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<th>Source</th>
<th>Total Credits and GPA</th>
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<tbody>
<tr>
<td>No</td>
<td></td>
<td>A.</td>
<td>American History</td>
<td>Reqmt</td>
<td>6hrs</td>
<td>Select from any course with the [KHIS] attribute.</td>
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<tr>
<td>No AND</td>
<td>B.</td>
<td>Political Science</td>
<td>Reqmt</td>
<td>6hrs</td>
<td>Take POLS 206 and POLS 207.</td>
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unofficial evaluation

**Area:** General Electives (19.000 credits) - Not Met  
**Met**  
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<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
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<th>Courses</th>
<th>Grade</th>
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<tbody>
<tr>
<td>No AND</td>
<td>A.</td>
<td>PSAA 601</td>
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<tr>
<td>No AND</td>
<td>B.</td>
<td>PSAA 611</td>
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<tr>
<td>No AND</td>
<td>C.</td>
<td>PSAA 621</td>
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</tbody>
</table>
| No AND    | D.   | General Electives IV | 10hrs | | 10hrs any 100-499 (except SOCI)  
No more than 3 credits of SOCI may count toward this requirement. | | | | | | | | | |

unofficial evaluation

**Area:** Work Not Applied - Met  
**Description:** See advisor for acceptable substitutions.  
**Met**  
<table>
<thead>
<tr>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
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<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
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<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
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<td>Courses not applied</td>
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unofficial evaluation

**Area:** University Writing Requirement - Not Met  
**Met**  
<table>
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<tr>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
<th>Grade</th>
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<th>Total Credits and GPA</th>
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<td>Writing Requirement</td>
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</tbody>
</table>

Two courses required.  
Only SOCI courses with the Writing attribute [UWRT] may be used to satisfy this requirement.  
These courses may also be used to satisfy major requirements.  

unofficial evaluation

**Area:** Int'l & Cult Diversity - Not Met  

### Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source

<table>
<thead>
<tr>
<th>No</th>
<th>A. Int'l &amp; Cultural Diversity 6hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select from courses with the International and Cultural Diversity attribute (UICD: (except sections of BUSN 289 with the UWRT attribute).</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Residence - Major 12hrs</td>
</tr>
<tr>
<td>No</td>
<td>AND B. Residence - 300-499 24hrs</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

### Area: GPR-Major - Not Met

**Description** A GPR of 2.00 must be maintained in all major field courses.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Major GPR 33+hrs</td>
</tr>
<tr>
<td></td>
<td>Includes SOCI 100-499 and all courses cross-listed with SOCI 100-499; BUSH 631, 632, 635; PSAA 630, and other PSAA elective or track requirements.</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

Back to Display Options
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS

DEPARTMENT OF SOCIOLOGY

BS IN SOCIOLOGY
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):
   Department of Sociology

Program Designation and Name
(e.g., B.A. in History, Minor in History, Certificate in European Union):
   Bachelor of Science in Sociology

4. Brief description of change:
   1. Remove BUSH 635, BUSH 636, SOCI 608, SOCI 616 from the list of acceptable major electives
   2. Remove superscript 2
   3. Remove superscript 4
   4. Remove PSAA 601, PSAA 611, PSAA 621, PSAA 622 or PSAA 634 from the list of acceptable general electives
   5. Add superscript 4
   6. Change "degree" to "major" for how many credits of SOCI may apply to the major

5. Rationale for change:
   1. These are related to the 3+2 BS/MPSA program, not the standard BS.
   2. The note is unnecessary - PHIL 240 is listed under the KMTH link.
   3. This note is unnecessary - the link goes only to American History classes.
   4. These are related to the 3+2 BS/MPSA program, not the standard BS.
   5. Sociology is not allowing 6 credits of SOCI 484 to count toward general electives
   6. We are allowing 6 credits of SOCI 484 to count towards general electives

6. 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

   http://www.theeb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3B8FF01D60

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:

Jane Sell
Department Head or Program Chair (Name & Sign) Date: 11-18-15

Dean of College Date: 11-18-15

Chair, College Review Committee Date: 11-18-15

Chair, GC or UCC Date: 11-18-15

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

7. Remove the “a grade of C...” independent clause.
8. Include a writing intensive clause
9. Change number of required core science classes from 20 to 21

Reasons

7. This is redundant, the information is included under superscript 1.
8. The writing intensive requirements are university policy.
9. This is a typo – the BS requires 21 science credits.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 205</td>
<td>Introduction to Sociology&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Methods of Social Research&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 230</td>
<td>Classical Sociological Theory&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 420</td>
<td>Advanced Methods of Social Research&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3</td>
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<tr>
<td>SOCI 430</td>
<td>Contemporary Sociological Theory&lt;sup&gt;1&lt;/sup&gt;</td>
<td>3</td>
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<tr>
<td>SOCI 100-499&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>18</td>
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<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric&lt;sup&gt;1&lt;/sup&gt;</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 203</td>
<td>Writing about Literature</td>
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</tr>
<tr>
<td>ENGL 210</td>
<td>Technical and Business Writing</td>
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</tr>
<tr>
<td>COMM 203</td>
<td>Public Speaking</td>
<td></td>
</tr>
<tr>
<td>COMM 205</td>
<td>Communication for Technical Professionals</td>
<td></td>
</tr>
<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
<td></td>
</tr>
</tbody>
</table>

Literature 6 credits
Mathematics 6 credits
Life and Physical Sciences 21 credits
Creative Arts 3 credits
Language, Philosophy, and Culture 3 credits
Creative Arts or Language, Philosophy, and Culture 3 credits
Social and Behavioral Sciences<sup>2</sup> 6 credits
American History 6 credits
POLS 206 American National Government 3 credits
POLS 207 State and Local Government 3 credits
International and Cultural Diversity<sup>3</sup> 6 credits
General Electives<sup>4</sup> 21 credits

<sup>1</sup>A grade of C or better is required for credit.
SOCI courses do not count toward fulfilling this requirement.

Courses may be used to satisfy any other requirement.

No more than 6 credits of SOCI 484 may count toward this requirement.

No more than 33 credits in SOCI may be applied to the major.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing intensive requirement (W). See the section on general requirements for baccalaureate degrees for more information.
## SOCIOLGY - BS

- Home >
- Undergraduate Catalog >
- College of Liberal Arts >
- Sociology >
- Sociology - BS
- OVERVIEW
- PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOCI 205</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Methods of Social Research</td>
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<tr>
<td>SOCI 230</td>
<td>Classical Sociological Theory</td>
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</tr>
<tr>
<td>SOCI 420</td>
<td>Advanced Methods of Social Research</td>
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</tr>
<tr>
<td>SOCI 430</td>
<td>Contemporary Sociological Theory</td>
<td>3</td>
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</table>

Select from the following: 18

- BUSH 635: Quantitative Methods in Public Management II: Policy Analysis Emphasis
- BUSH 636: Quantitative Methods II: Game Theory Emphasis
- SOCI 100-SOCI 499
- SOCI 608: Social Organization
- SOCI 616: Political Sociology

### College and University Requirements

- Communication

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
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Select one of the following:

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<tr>
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<tr>
<td>ENGL 203</td>
<td>Writing about Literature</td>
</tr>
<tr>
<td>ENGL 210</td>
<td>Technical and Business Writing</td>
</tr>
<tr>
<td>COMM 203</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>COMM 205</td>
<td>Communication for Technical Professions</td>
</tr>
<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
</tr>
</tbody>
</table>

Literature in English 6

Mathematics 6

Life and physical sciences 20

Language, philosophy and culture 3

Creative arts 3

Language, philosophy and culture or Creative arts 3

Social and behavioral sciences 6

American history 6

POLS 206 American National Government 3

POLS 207 State and Local Government 3

International and cultural diversity 3

General electives

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PSAA 601</td>
<td>Fundations of Public Service</td>
</tr>
<tr>
<td>PSAA 611</td>
<td>Public Policy Formation</td>
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<tr>
<td>Course</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>PSAA 621</td>
<td>Economic Analysis</td>
</tr>
<tr>
<td>PSAA 622</td>
<td>Public Finance</td>
</tr>
<tr>
<td>or PSAA 634</td>
<td>or Public Management</td>
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<td>PSAA elective</td>
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<td>Any 100-499 course (except SOC)</td>
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</tr>
</tbody>
</table>

**Total Semester Credit Hours**

120

1 A grade of C or better is required for credit.

2 Three hours may be PHIL 240.

2. SOCI courses do not count toward fulfilling this requirement.

4 Only American history courses fulfill this requirement.

3 Course may be used to satisfy any other requirement.

No more than 33 hours in sociology may be applied to the degree.

A grade of C or higher is required if a course is to be counted in the major field.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

4 No more than 6 semester credit hours for SOCI 484 may be applied to the Bachelor of Science degree in Sociology.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing intensive requirement. (iv). See the section on general requirements for baccalaureate degrees for more information.
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 Only one course from MATH 141, 156 may be used in this degree program.

Limitation Only 14 hours of KINE 199; AEKS 100-499; MLC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward Residency.

Limitation Only 6 hours of SOCI 484 may be used in this program.

Program: B5 SOCI
Campus: College Station
College: Liberal Arts
Degree: Bachelor of Science
Level: Undergraduate
Majors: Sociology
Department: Sociology

Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date: Request Number: Results as of: 2 Nov 18, 2015

Met Credits Courses
Required Used Required Used
Total Required: No 120.00 0.00 0
Program GPA: Yes .00 .00
Overall GPA: No 2.00 .00

Transfer: 0.00 0

This is NOT an official evaluation.

Area Major Coursework (33.000 credits) - Not Met

Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source
No A. SOCI 205
Must make a grade of "C" or better.
No AND B. SOCI 220
Must make a grade of "C" or better.
No AND C. SOCI 230
Must make a grade of "C" or better.
No AND D. SOCI 420
Must make a grade of "C" or better.
No AND E. SOCI 430
Must make a grade of "C" or better.
No AND F. SOCI Rept 18hrs
Select from SOCI 205
Must make a grade of "C" or better.

unofficial evaluation

Area Communication (12.000 credits) - Not Met

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption

Total Credits and GPA 0.000 .30
### Detail Requirements

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course</th>
<th>Title Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
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</table>

**Total Credits and GPA** 0.000 .00

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### unofficial evaluation

#### Area Mathematics (6,000 credits) - Not Met

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<th>A.</th>
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<th>Required Courses</th>
<th>Term Subject Course</th>
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<th>Grade Source</th>
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<tr>
<td></td>
<td>Mathematics Reqmt 3hrs</td>
<td>Select any course with the [KATH] attribute.</td>
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</table>

**Total Credits and GPA** 0.000 .00

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### unofficial evaluation

#### Area Life and Physical Sciences (21,000 credits) - Not Met

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<th>Low</th>
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<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course</th>
<th>Title Attribute</th>
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<th>Grade Source</th>
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<tr>
<td></td>
<td>Science Reqmt 9hrs</td>
<td>Select any course with a [KLPS] attribute.</td>
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<tr>
<td></td>
<td>Science Reqmt 12hrs</td>
<td>Select from the following courses: AGRO 304, 405, 445; ANSC 303-505, 310-320; APOR 306-324, 335-483; BIOL 100-483; BIOU 300-483; BIOL 200-483; CHIM 227-230, 315-483; CPSC 100-499; DASC 312-313, 417; ENGR 200-283; ETOO 100-499; FRSC 203, 302-305, 307, 414; FSTC 202, 312-313; GEOG 320-483; GEO 300-483; GEOG 400-483; HORT 201; INFO 316, 322, 410, 435, 456; ISSYS 350, 355, 417; KINE 426-427, 433; MATH 100-499; NEDS 100-499; METR 206-294, 335-483; MCR 100-483; NUTR 100-483; OCNG 400-483; PH 200, 305-307, 341-342; PHYS 100-499; PLPA 100-499; POSC 208, 414, 417; PW 100-499; RENR 376-483; RLEM 315-316, 417-418; STAT 100-499; VIBS 305, 404; VTP 100-499; WSC 301-302, 311, 315, 401-403, 414, 417, 422. The following courses are excluded from this area: MATH 365-366 and NUTR 285.</td>
<td></td>
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**Total Credits and GPA** 0.000 .00

---

### unofficial evaluation

#### Area Lang. Phil. Cult. & Cr. Arts (9,000 credits) - Not Met

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<th>Subject Attribute</th>
<th>Low</th>
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<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course</th>
<th>Title Attribute</th>
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<th>Grade Source</th>
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<tr>
<td></td>
<td>Creative Arts 3hrs</td>
<td>Select from any course with the Creative Arts [KCRA] attribute.</td>
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---
unofficial evaluation

Area Social and Behavioral Science (5.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Social Science 3hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select from any course with the Social and Behavioral Sciences [KSOC] attribute (except SOCI 100-499).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No AND</td>
<td>B. Social Science 3hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select from any course with the Social and Behavioral Sciences [KSOC] attribute (except SOCI 100-499).</td>
<td></td>
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</table>

unofficial evaluation

Area: Citizenship (12.000 credits) - Not Met

Description: Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. American History Rqmt 6hrs</td>
<td></td>
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<tr>
<td></td>
<td>Select from any course with the [KHIS] attribute.</td>
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<tr>
<td>No AND</td>
<td>B. Political Science Rqmt 6hrs</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Take POLS 206 and POLS 207.</td>
<td></td>
<td></td>
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</table>

unofficial evaluation

Area General Electives (21.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A. General Electives 21hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select any 100-499 course not used elsewhere, (except SOCI 100-499).</td>
<td></td>
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<tr>
<td>No more than 4 credits of SOCI/HSI may count toward this requirement.</td>
<td></td>
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</table>

unofficial evaluation

Area: Work Not Applied - Met

Description: See advisor for acceptable substitutions.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject: Attribute Low High Required Required Term Subject Course Title Attribute Credits Grade Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A. Courses not applied</td>
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unofficial evaluation

Area University Writing Requirement - Not Met

<table>
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<tr>
<th>Met</th>
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<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A. Writing Requirement</td>
<td></td>
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</table>

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption
Two courses required. Only sections of SOCI 205-206, 210-215, 315, 320, 322, 335, 420, 424, 459-499 with the Writing attribute (UWRT) may be used to satisfy this requirement.

unofficial evaluation

### Area Intl & Cult Diversity - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required</th>
<th>Credits</th>
<th>Required</th>
<th>Courses</th>
<th>Term Subject</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Intl &amp; Cultural Diversity 6hr</td>
<td>Select from courses with the International and Cultural Diversity attribute (UICO) (except sections of BUSIN 289 with the UWRT attribute).</td>
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</table>

Total Credits and GPA 0.000 0.00

unofficial evaluation

### Area Foreign Language - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required</th>
<th>Credits</th>
<th>Required</th>
<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Foreign Language ReqInt</td>
<td>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.</td>
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</tbody>
</table>

Total Credits and GPA 0.000 0.00

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.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required</th>
<th>Credits</th>
<th>Required</th>
<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Residence - Major 12hrs</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Residence - 300-499 24hrs</td>
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</tbody>
</table>

Total Credits and GPA 0.000 0.00

unofficial evaluation

### Area : GPR-Major - Not Met

**Description** A GPR of 2.00 must be maintained in all major field courses.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required</th>
<th>Credits</th>
<th>Required</th>
<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Major GPR 33+hrs</td>
<td>Includes SOCI 100-499 and all courses cross-listed with SOCI</td>
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</table>

Total Credits and GPA 0.000 0.00

unofficial evaluation

Back to Display Options

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CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS

DEPARTMENT OF SOCIOLOGY

BS IN SOCIOLOGY AND MPSA - 3+2
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: 
   - ☑ Undergraduate
   - ☐ Graduate
   - ☐ First Professional (ex., DVM, JD, MD, etc.)

2. Request change for: 
   - ☑ Degree Program
   - ☐ Minor
   - ☐ Certificate

3. Request submitted by (Department or Program Name): 
   Department of Sociology

4. Program Designation and Name:
   (e.g., B.A. in History, Minor in History, Certificate in European Union):
   Bachelor of Science/Master of Public Service and Administration 3+2

5. Brief description of change:
   1. Change major elective and general elective details
   2. Remove superscript 3
   3. Remove superscript 4
   4. Change number of required core science classes from 20 to 21
   5. Change "degree" to "major" in the "No more than 33 hours in..." clause
   6. Remove "A grade of C or higher" clause
   7. Add writing intensive clause

6. Rationale for change:
   1. These are what the Bush School program has been using for some time.
   2. Two reasons: we have always accepted standard core math courses, and this is incorrect. MATH 150 and PHIL 240 are already part of the core curriculum. There is no need for this note in the catalog.
   3. This is redundant - the link goes only to American History classes.
   4. This is a typo - the BS requires 21 science credits.
   5. We are allowing 3 credits of SOCI 484 to count toward general electives.
   6. This is redundant, the information is included under superscript 1.
   7. This is university requirement

7. Use the checkboxes below to make sure that all information is included.
     ☑ Yes
     ☐ No
   - b. Current catalog curriculum with handwritten edits attached.
     ☑ Yes
     ☐ No
     ☑ 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? 
      http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60
     ☑ 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-UCCGC, 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:

Jane Sell  
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

[Received stamp]
SOCIOLOGY – 5 Year Bachelor of Science/Master of Public Service and Administration

SOCI 205  Introduction to Sociology\(^1\) 3 credits
SOCI 220  Methods of Social Research\(^1\) 3 credits
SOCI 230  Classical Sociological Theory\(^1\) 3 credits
SOCI 420  Advanced Methods of Social Research\(^1\) 3 credits
SOCI 430  Contemporary Sociological Theory\(^1\) 3 credits
SOCI 100-499\(^1\) 9 credits
BUSH 631  Quantitative Methods in Public Management\(^1\) 3 credits
One of the following:  BUSH 632 or BUSH 635 or PSAA 630\(^1\) 3 credits
Approved PSAA elective or track requirement\(^1\) 3 credits

ENGL 104  Composition and Rhetoric\(^1\) 3 credits

Select one of the following:
- ENGL 203  Writing about Literature
- ENGL 210  Technical and Business Writing
- COMM 203  Public Speaking
- COMM 205  Communication for Technical Professionals
- COMM 243  Argumentation and Debate

Literature  6 credits
Mathematics  6 credits
Life and Physical Sciences  21 credits
Creative Arts  3 credits
Language, Philosophy, and Culture  3 credits
Creative Arts or Language, Philosophy, and Culture  3 credits
Social and Behavioral Sciences\(^2\) 6 credits
American History  6 credits
POLS 206  American National Government  3 credits
POLS 207  State and Local Government  3 credits
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSAA 601</td>
<td>Foundations of Public Service</td>
<td>3</td>
</tr>
<tr>
<td>PSAA 611</td>
<td>Public Policy Formation</td>
<td>3</td>
</tr>
<tr>
<td>PSAA 621</td>
<td>Economic Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

1 A grade of C or better is required for credit.

2 SOCI courses do not count toward fulfilling this requirement

3 Courses may be used to satisfy any other requirement

4 No more than 6 credits of SOCI 484 may count toward this requirement.

No more than 33 credits in SOCI may be applied to the major.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing intensive requirement (W). See the section on general requirements for baccalaureate degrees for more information.
SOCIOLOGY - 5-YEAR BACHELOR OF SCIENCE/MASTER OF PUBLIC SERVICE ADMINISTRATION

- Home
- Undergraduate Catalog
- College of Liberal Arts
- Sociology
- Sociology - 5-Year Bachelor of Science/Master of Public Service Administration
- OVERVIEW
- PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>SOCI 205</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 220</td>
<td>Methods of Social Research</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 230</td>
<td>Classical Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 420</td>
<td>Advanced Methods of Social Research</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 430</td>
<td>Contemporary Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Sociology electives</td>
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College and University Requirements

Communication

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
<td>3</td>
</tr>
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</table>

Select one of the following: 3

- ENGL 203  Writing about Literature
- ENGL 210  Technical and Business Writing
- COMM 203  Public Speaking
- COMM 205  Communication for Technical Professions
- COMM 243  Argumentation and Debate

See addition
<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature in English</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>Life and physical sciences</td>
<td>20.21</td>
</tr>
<tr>
<td>Language, philosophy and culture</td>
<td>3</td>
</tr>
<tr>
<td>Creative arts</td>
<td>3</td>
</tr>
<tr>
<td>Language, philosophy and culture or Creative arts</td>
<td>3</td>
</tr>
<tr>
<td>Social and behavioral sciences</td>
<td>6</td>
</tr>
<tr>
<td>American history</td>
<td>6</td>
</tr>
<tr>
<td>POLS 206  American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 207  State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>International and cultural diversity</td>
<td>3</td>
</tr>
<tr>
<td>Free Electives</td>
<td>22</td>
</tr>
<tr>
<td><strong>Total Semester Credit Hours</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

1. No more than 3 credit hours for SOCI 484 may be applied to the Bachelor of Science degree in Sociology.

2. A grade of C or better is required for credit.

3. At least 3 hours must be in MATH except MATH 102, MATH 150, MATH 365, and MATH 366. Three hours may be PHIL 240.

4. SOCI courses do not count toward fulfilling this requirement.

5. Only American history courses fulfill this requirement.

6. Course may be used to satisfy any other requirement.

No more than 33 hours in sociology may be applied to the degree.
A grade of C or higher is required if a course is to be counted in the major field.

Other courses may qualify. Consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or from departmental advisors. No more than one course may be counted in more than one category.

Please note that university requirements specify that all students must take at least two courses in their major that are designated as fulfilling a writing intensive requirement (w). See the section on general requirements for baccalaureate degrees for more information.
3+2 changes

SOCI 100-499\textsuperscript{2} \textsuperscript{\textcopyright} \textbullet 8

BUSH 631 Quantitative Methods in Public Management\textsuperscript{1} 3 credits

One of the following: BUSH 632 or BUSH 635 or PSAA 630\textsuperscript{1} 3 credits

Approved PSAA elective or track requirement\textsuperscript{1} 3 credits

General Electives\textsuperscript{4}\textsuperscript{1} 12 credits

PSAA 601 Foundations of Public Service\textsuperscript{3} 3 credits

PSAA 611 Public Policy Formation\textsuperscript{1} 3 credits

PSAA 621 Economic Analysis\textsuperscript{1} 3 credits
Detail Requirements

Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

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

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

Limitations Only one course from MATH 111, 166 may be used in this degree program.

Limitations Only 13 hours of KINE 199-199, AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward residency.

Limitations Only 3 hours of SOCI 484 may be used in this program.

Limitations No more than 33 hours of SOC can be applied to the degree.

Program : BS SOCI - 3+2 Program
Campus : College Station
College : Liberal Arts
Degree : Bachelor of Science
Level : Undergraduate
Majors : Sociology
Departments : Sociology

Catalog Term : Fall 2015 - College Station
Evaluation Term : Fall 2015 - College Station
Expected Graduation Date : 
Request Number : 5
Results as of : Nov 18, 2015

Met | Credits | Courses
--- | --- | ---
Total Required | No | 120.000 | 0.000 | 0
Program GPA | Yes | .00 | .00 |
Overall GPA | No | 2.00 | .00 |
Other Course Information

Transfer : 0.000 | 0

This is NOT an official evaluation.

Area Major Coursework (33,000 credits) - Not Met

| Met Condition | Rule Subject | Attribute Low High | Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source |
|---------------|--------------|--------------------|------------------------|-------------------------------------------------|----------------|--------------|-----------------|-----------------|
| No A. | SOCI 205 | | | | | | |
| No AND B. | SOCI 220 | | | | | | |
| No AND C. | SOCI 230 | | | | | | |
| No AND D. | SOCI 420 | | | | | | |
| No AND E. | SOCI 430 | | | | | | |
| No AND F. | SOCI Reqmt 9hrs | | | | | | |
| No AND G. | BUSH 631 | | | | | | |
| No AND H. | BUSH 632 or 635 or PSAA 630 | | | | | | |
| No AND I. | Apprvd PSAA elec or track reqmt | | | | | | |

Must make a grade of "C" or better.

Must make a grade of "C" or better.

Must make a grade of "C" or better.

Must make a grade of "C" or better.

Select from SOCI 100-499, 608.

Must make a grade of "C" or better.

Must make a grade of "C" or better.

Must make a grade of "C" or better.

Must make a grade of "C" or better.

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp_P_VerifyDispEvalViewOption

1/5
unofficial evaluation

**Area Communication ( 12.000 credits ) - Not Met**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
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<th>Required Courses</th>
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<tr>
<td>A.</td>
<td>ENGL 104</td>
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<td></td>
<td>Must have a grade of 'C' or better.</td>
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<tr>
<td>A. AND B.</td>
<td>Communication Rqmnt 3hrs</td>
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<td></td>
<td>Select from ENGL 203, 210; COMM 203, 205, 243.</td>
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<tr>
<td>A. AND C.</td>
<td>Literature Rqmnt 3hrs</td>
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**Total Credits and GPA** 0.000 .00

unofficial evaluation

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

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<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
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</thead>
<tbody>
<tr>
<td>A.</td>
<td>Mathematics Rqmnt 3hrs</td>
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<td></td>
<td>Select any course with the [KMTH] attribute.</td>
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<tr>
<td>A. AND B.</td>
<td>Math/Logic Rqmnt 3hrs</td>
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<td></td>
<td>Select from PHIL 240 or any course with the [KMTH] attribute.</td>
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</table>

**Total Credits and GPA** 0.000 .00

unofficial evaluation

**Area Life and Physical Sciences ( 21.000 credits ) - Not Met**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Science Rqmnt 9hrs</td>
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<td>Select any course with a [KLPS] attribute.</td>
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<tr>
<td>A. AND C.</td>
<td>Science Rqmnt 12hrs</td>
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<td></td>
<td>Select from the following courses: AGRO 304, 405, 445; ANSC 303-305, 318-320; ATMD 206-324, 335-483; BCH 100-483; BIOI 300-303; BIPH 100-483; CHEM 227-238, 315-483; CS 100-495; DASC 312-313, 417; ENGR 202-283; ENTO 100-483; FRSC 203, 302-306, 307, 414, 425; GCST 200, 312-313; GENH 320-483; GEOG 300-306, 308-483; GEDS 100-483; ORST 201; INF 318, 332, 410, 435, 458; ISYS 303, 305, 417; KINE 426-427, 433; MATH 100-499; MEPS 100-499; MTR 206-324, 335-483; Micro 100-483; NUTR 100-483; OCEG 400-483; RHEL 240, 305-307, 341-342; PHYS 300-499; PLPA 100-499; PSOC 338, 411, 414; PPHY 100-499; RENR 375-483; RLAM 315-316, 417-419, STAT 100-499; VIBS 305, 404; VTPP 100-499; VTPP 100-499; WESC 301-302, 311, 315, 401-403, 414, 417, 422. The following courses are excluded from this area: MATH 365-366 and NUTR 289.</td>
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</table>

**Total Credits and GPA** 0.000 .30

unofficial evaluation

**Area Lang, Phil. Cult. & Cr. Arts ( 9.000 credits ) - Not Met**

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<tr>
<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
</tr>
</thead>
</table>

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOplion
unofficial evaluation

Area Social and Behavioral Science (6.000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Course Credits
No A. Social Science 3hrs
Select from any course with the Social and Behavioral Sciences [KSOC] attribute (except SOCI 100-499).

No AND B. Social Science 3hrs
Select from any course with the Social and Behavioral Sciences [KSOC] attribute (except SOCI 100-499).

unofficial evaluation

Area Citizenship (12.000 credits) - Not Met
Description Completion of 4 semesters of RFTC may be substituted for 3 hours of American History and 3 hours of Political Science.
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Course Credits
No A. American History Reqnt 3hrs
Select from any course with the [KHES] attribute.

No AND B. Political Science Rqnt 3hrs
Take POS 206 and POS 207.

unofficial evaluation

Area General Electives (21.000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Course Credits
No A. PSAA 601

No AND B. PSAA 611

No AND C. PSAA 621

No AND D. General Electives IV 12hrs
No more than 3 credits of SOCI 481 may count toward this requirement

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 Course Credits
No A. Courses not applied
unofficial evaluation

**Area University Writing Requirement - Not Met**

<table>
<thead>
<tr>
<th>Met Condition</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Courses</th>
<th>Term Subject Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Writing Requirement</td>
<td></td>
<td></td>
<td>Two courses required.</td>
<td>Only SOCI courses with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
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</table>

unofficial evaluation

**Area Int'l & Cult Diversity - Not Met**

<table>
<thead>
<tr>
<th>Met Condition</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Courses</th>
<th>Term Subject Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Int'l &amp; Cultural Diversity 6hr</td>
<td></td>
<td></td>
<td>Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).</td>
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unofficial evaluation

**Area Foreign Language - Not Met**

<table>
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<th>Met Condition</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Courses</th>
<th>Term Subject Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A. Foreign Language Reqnt</td>
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<td>Complete one of the following:</td>
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</table>

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.

<table>
<thead>
<tr>
<th>Met Condition</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Courses</th>
<th>Term Subject Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Residence - Major 12hrs</td>
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<tr>
<td>No</td>
<td>AND B. Residence - 300-499 24hrs</td>
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</table>

unofficial evaluation

**Area GPR-Major - Not Met**

**Description** A GPA of 2.00 must be maintained in all major field courses.

<table>
<thead>
<tr>
<th>Met Condition</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Courses</th>
<th>Term Subject Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
</table>

https://compass-ssb.tamu.edu/pfs/PROD/bwckcapp.P_VerifyDispEvalViewOption
A. Major GPR 33+hrs
Includes SOCI 100-499 and all courses cross-listed with SOCI 100-499; Bush 631, 632, 635; PSAA 630, and other PSAA elective or track requirements.

unofficial evaluation

Total Credits and GPA 0.000 .00

Back to Display Options

Print
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS

DEPARTMENT OF SOCIOLOGY

MINOR IN LATINA/O AND MEXICAN-AMERICAN 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):
   Sociology

4. Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union):
   Minor in Latino/a and Mexican-American Studies

5. Brief description of change:
   We are adding course options for students. None of the options change the requirements for the minor. To List A, we are adding LMAS 201, Introduction to Latino/a and Mexican American Studies. To list B, we are adding SOCI 203, US-Mexico Border; POLS 306 Immigration and Political Theory, POLS 362 Latin American Political Thought, PSYC 208 Stereotypes, Prejudice, and Minority Experience, PSYC 209 Psychology of Culture and Diversity, and PSYC 303 Psychology of Women of Color.

6. Rationale for change:
   We created two lower division courses for the minor, LMAS 201 and SOCI 203 because the minor did not include a sufficient number of lower division courses. We are also adding courses from Political Science and Psychology that are similar to many other courses in the minor but that are not currently included. Both changes will make it easier for more students to enroll in the minor and complete the requirements without changing the requirements.

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: __________
   □ Yes □ No

   c. If yes, is the Texas Higher Education Coordinating Board form attached?
   http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60
   □ 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:

Jane Sell
Department Head or Program Chair (Type Name & Sign) Date 10-30-2015

Dean of College
Date 11-8-15

Nancy Jiminez
Chair, College Review Committee Date 11-14-15

Chair, GC or UCC
Date 11-14-15

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

RECEIVED
CURRICULAR SERVICES

NOV 20 2015
Select at least 6 hours from the following: 1, 2
ENGL 362/HISP 362 Latino/a Literature
HISP 363 Borderlands: U.S. and Mexico
HIST 307 Latino Communities of the U.S.
POLS 304 Latino Politics in the United States
SOCI 403 Sociology of Latinos
SPAN 412 Hispanic Writers in the U.S.
LMAS 201 Introduction to Latino/a and Mexican American Studies

Select the remaining hours from the following: 2 12
AFST 325 African Humanities
ANTH 303 Archaeology of the American Southwest
COMM 407/WGST 407 Women, Minorities and the Mass Media
GEOG 323 Geography of Latin America
HISP 204 Spanish and Spanish American Literature in Translation
HIST 258 American Indian History
HIST 304 Mexican-American Frontier to 1848
HIST 305 Mexican-American History 1848-Present
HLTH 236 Race, Ethnicity and Health
PHIL 283 Latin American Philosophy
POLS 306 Contemporary Political Problems and Issues
POLS 362 Latin American Political Thought
PSYC 208 Stereotypes, Prejudice, and Minority Experience
PSYC 209 Psychology of Culture and Diversity
PSYC 303 Psychology of Women of Color
SOCI 203 U.S.-Mexico Border
SOCI 317 Introduction to Race and Ethnicity
SOCI 337 International Migration
SOCI 402 Sociology of Latin America
SPAN 450 Contemporary Spanish and Spanish-American Literature
TEFB 273 Introduction to Culture, Community, Society and Schools

1 The two courses (6 hours) from the first area must come from two departments.
2 Students will select 18 hours total from both lists with a minimum of 9 hours at the upper-division level (300- and 400-level).
Students must earn a C or higher in each course to be counted in the minor field.
Latino/a and Mexican-American Studies - Minor

- Home >
- Undergraduate Catalog >
- College of Liberal Arts >
- Sociology >
- Latino/a and Mexican-American Studies - Minor

- Overview
- Program Requirements

Select at least 6 hours from the following:  

ENGL 362/HISP 362  |  Latino/a Literature
HISP 363  |  Borderlands: U.S. and Mexico
HIST 307  |  Latino Communities of the U.S.
POLS 304  |  Latino Politics in the United States
SOCI 403  |  Sociology of Latinos
SPAN 412  |  Hispanic Writers in the U.S.

Total Semester Credit Hours

Select the remaining hours from the following:  

AFST 325  |  Africana Humanities
ANTH 303  |  Archaeology of the American Southwest
COMM 407/WGST 407  |  Women, Minorities and the Mass Media
GEOG 323  |  Geography of Latin America
HISP 204  |  Spanish and Spanish American Literature in Translation
HIST 258  |  American Indian History
HIST 304  |  Mexican-American Frontier to 1848
HIST 305  |  Mexican-American History 1848-Present
HLTH 236  |  Race, Ethnicity and Health
PHIL 283  |  Latin American Philosophy
POLS 306  |  Contemporary Political Problems and Issues
POLS 362  |  Latin American Political Thought
SOCI 203  |  U.S.-Mexico Border
SOCI 217  |  Introduction to Race and Ethnicity
SOCI 337  |  International Migration
SOCI 402  |  Sociology of Latin America
SPAN 450  |  Contemporary Spanish and Spanish-American Literature
TEFB 273  |  Introduction to Culture, Community, Society and Schools

Total Semester Credit Hours

1 The two courses (6 hours) from the first area must come from two departments.

2 Students will select 18 hours total from both lists with a minimum of 9 hours at the upper-division level (300- and 400-level).

Students must earn a C or higher in each course to be counted in the minor field.
<table>
<thead>
<tr>
<th>Term Subject Course</th>
<th>Grade</th>
<th>Total Credits and GPA</th>
<th>Offc Evaluated</th>
<th>Area:</th>
<th>Writing Requirement</th>
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**Term Subject Course**: The attribute credits grade source is not met.
CHANGE IN CURRICULUM
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICS
BS IN UNIVERSITY STUDIES - MATHEMATICS FOR BUSINESS CONCENTRATION
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): Department of Mathematics

4. Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union): B.S. in University Studies - Mathematics for Business Concentration

5. Brief description of change:
   *To replace STAT 212 with MATH 251 or MATH 221 as a required Area of Concentration course.
   *To change the Language, Philosophy and Culture requirement to, "Select from any 200-499 course with the [KLPC] attribute."

6. Rationale for change:
   *MATH 251 or MATH 221 is a prerequisite for MATH 308 and several upper-level MATH courses.
   *To make the LPC requirement the same as all other MATH degree plans.

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?
       http://www.thecb.state.tx.us/index.cfm?objectid=A0F9E7FA-9A92-4F11-2756AD3BBFF01D60  □ 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-UCO/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:
Dr. Paulo Lima-Filho 10/30/15
Department Head or Program Chair (Type Name & Sign)

Date

Chair, College Review Committee 11/2/15

Date

Dear of College 11-3-15

Date

Chair, GC or UCC

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

RECEIVED CURRICULAR SERVICES

NOV 04 2015
University Studies - BS, Mathematics for Business Concentration

Home >
Undergraduate Catalog >
College of Science >
University Studies Programs >
University Studies - BS, Mathematics for Business Concentration
The Bachelor of Science in University Studies, Mathematics for Business area of concentration consists of courses that are designed to give students who are both interested in business and mathematically inclined a way to combine both interests.

MATH 220 Foundations of Mathematics 1
MATH 308 Differential Equations 1
MATH 325 The Mathematics of Interest
MATH 425 The Mathematics of Contingent Claims
STAT 211 Principles of Statistics I
STAT 212 Principles of Statistics II
MATH 304 Linear Algebra 1
or MATH 323 or Linear Algebra
MATH 442 Mathematical Modeling
or STAT 408 or Introduction to Linear Models

University and College Requirements
ENGL 104 Communication
3

Select one of the following:
COMM 203 Public Speaking
COMM 205 Communication for Technical Professions
COMM 243 Argumentation and Debate

Mathematics
MATH 151 Engineering Mathematics I 1
or MATH 171 or Analytic Geometry and Calculus
MATH 152 Engineering Mathematics II 1
or MATH 172 or Calculus

Life and physical sciences
Language, philosophy and culture (with ENGL prefix)
Creative arts
Social and behavioral sciences
American history
POLS 206 American National Government 2
POLS 207 State and Local Government 2
Minor 1 15-18
Minor 2 15-18
General Electives 3
Total Semester Credit Hours 16-22

1Must make a grade of 'C' or better.
2Completion of four semesters of upper-level ROTC may be substituted for three hours of the requirement.
3Hours must be in 100-499 courses not used elsewhere.

Select 3 hours from any 200-499 level course.
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.

Program: BS USSSC-Math for Business
Campus: College Station
College: Science
Degree: Bachelor of Science
Level: Undergraduate
Majors: University Studies
Departments: College of Science
Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date:
Request Number: 5
Results as of: Oct 30, 2015
Minors:
Concentrations:

<table>
<thead>
<tr>
<th>Met Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td>Used</td>
</tr>
<tr>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

This is NOT an official evaluation.

Area: Concentration Field of Study (24.000 credits) - Not Met

| Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|----------------------------------------------------------|-------------------------------------------------|
| No                                                      | A. MATH 220                                    |
|                                                        | Has make a grade of 'C' or better.              |
| No                                                      | B. MATH 308                                    |
|                                                        | Has make a grade of 'C' or better.              |
| No                                                      | C. MATH 325                                    |
| No                                                      | D. MATH 425                                    |
| No                                                      | E. STAT 211                                    |
| No                                                      | F. STAT 212-
|                                                        | MATH 251 or MATH 221 |
| No                                                      | G. Linear Algebra 3hrs
|                                                        | Select from MATH 304, 323.                     |
|                                                        | Must make a grade of 'C' or better.             |
| No                                                      | H. Math Models 3hrs
|                                                        | Select from MATH 442; STAT 408.                |

Total Credits and GPA 0.000

unofficial evaluation
### Detail Requirements

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

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
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<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>ENGL 104</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Communication Elect 3hrs</td>
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<td></td>
<td>Select from COMM 203, 205, or 243.</td>
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</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area: Mathematics (8.000 credits) - Not Met**

<table>
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<tr>
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<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
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<th>High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>MATH Rqmt I 4hrs</td>
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<td>Select from MATH 151, 171. Must make a grade of 'C' or better.</td>
</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>MATH Rqmt II 4hrs</td>
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<td>Select from MATH 152, 172. Must make a grade of 'C' or better.</td>
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</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area: Life and Physical Sciences (9.000 credits) - Not Met**

<table>
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<th>Attribute</th>
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<th>High</th>
<th>Required</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<tr>
<td>No</td>
<td>A.</td>
<td>Life/Physical Sciences 9hrs</td>
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<td>Select 9 hours from any courses with the Life and Physical Sciences attribute [KLPS].</td>
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</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area: Language, Philosophy & Culture (3.000 credits) - Not Met**

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Language, Philosophy &amp; Culture</td>
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<td></td>
<td>Select from any Language, Philosophy and Culture [KLPC] course with an ENGL prefix.</td>
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<td></td>
<td>Select from any 200-499 course with the [KLPC] attribute.</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area: Creative Arts (3.000 credits) - Not Met**

<table>
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<tr>
<th>Met</th>
<th>Condition</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Creative Arts Requirement</td>
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<td></td>
<td>Select three hours from any course with the Creative Arts attribute [KCRA].</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

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https://compass-ssb.tamt.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption 10/30/2015
unofficial evaluation

Area: Social and Behavioral Sciences (3.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Social Science Rqmt 3hrs Select from courses with the Social and Behavioral Science attribute (K5OC).</td>
</tr>
</tbody>
</table>

unofficial evaluation

Area: Citizenship (12.000 credits) - Not Met

Description: Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. American History Rqmt 6hrs Select from any course with the [KHS] attribute.</td>
</tr>
<tr>
<td>No</td>
<td>AND B. Political Science Rqmt 6hrs Take POLS 206 and POLS 207.</td>
</tr>
</tbody>
</table>

unofficial evaluation

Area: General Electives (52.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. General Electives 52hrs Includes 30-36 hours of courses that were used to satisfy the two minor requirements and 16-22 hours of 100-499 courses not used elsewhere.</td>
</tr>
</tbody>
</table>

unofficial evaluation

Area: Work Not Applied - Met

Description: See advisor for acceptable substitutions.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Courses not applied</td>
</tr>
</tbody>
</table>

unofficial evaluation

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VERIFYDISPEVALVIEWOPTION 10/30/2015
### Area: University Studies Minor Rqmt - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Required Minor</td>
</tr>
</tbody>
</table>

- Two university approved minors are required for this degree program. This area ensures completion of minors and will be removed once an application for degree has been submitted.

**Total Credits and GPA**: 0.000

---

### Area: University Writing Requirement - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Writing Requirement</td>
</tr>
</tbody>
</table>

- Two courses required.
- Only sections 100-499 courses with the Writing attribute [UWR] or Communication attribute [UCRT] may be used to satisfy this requirement.

**Total Credits and GPA**: 0.000

---

### Area: Int'l & Cult Diversity - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Int'l &amp; Cultural Diversity 6hr</td>
</tr>
</tbody>
</table>

- 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

---

### Area: Foreign Language - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Foreign Language Rqmt</td>
</tr>
</tbody>
</table>

- 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

---

### Area: Residence Requirement - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Residence - Major 12hrs</td>
</tr>
</tbody>
</table>

---

---
Includes MATH 304, 308, 325, 425, 442; STAT 408. Must be taken in residence at Texas A&M University.

No AND B. Residence 300-499 74hrs
Includes any 300-499 taken in residence at Texas A&M University.

unofficial evaluation

Area: GPR-Major - Not Met
Description: A GPR of 2.00 must be maintained in all major field courses.

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute C
Credits Courses
No A. Major GPR 24+hrs
Includes MATH 220, 304, 308, 323, 325, 425, 442; STAT 211-231, 402.

unofficial evaluation

Back to Display Options

Print
CHANGE IN CURRICULUM

COLLEGE OF SCIENCE

DEPARTMENT OF MATHEMATICS

BS IN UNIVERSITY STUDIES - MATHEMATICS FOR TEACHING
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: ☑ Undergraduate  □ Graduate  □ First Professional (ex., DVM, JD, MD, etc.)

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

3. Request submitted by (Department or Program Name):
   Department of Mathematics

4. Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union):
   B.S. in University Studies - Math for Teaching Concentration

5. Brief description of change:
   *To change Language, Philosophy and Culture requirement to, "Select from any 200-499 course with the [KLPC] attribute."

6. Rationale for change:
   *To make the LPC requirements the same as all other MATH degree plans.

7. Use the checkboxes below to make sure that all information is included.
   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
      http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBF01D60

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:
Dr. Paulo Lima-Filho  10/27/15

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

Chair, College Review Committee  10-28-15

Dean of College  10-28-15

Chair, GC or UCC  10-28-15

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu
Curricular Services – 04/14
University Studies - BS, Mathematics for Teaching Concentration

Home >
Undergraduate Catalog >
College of Science >
University Studies Programs >
University Studies - BS, Mathematics for Teaching Concentration

The BS in University Studies, Mathematics for Teaching area of concentration consists of courses that are designed to give students desiring a secondary-school teaching credential a solid foundation in mathematics. In particular, the courses chosen encompass the mathematical areas tested by the State of Texas and TExES secondary mathematics examination. These are the courses currently required for the secondary mathematics teaching field at Texas A&M University.

MATH 220  Foundations of Mathematics 1  3
MATH 375  Intermediate Real Analysis 1  3
MATH 376  Intermediate Abstract Algebra 1  3
MATH 403  Mathematics and Technology 1  3
MATH 467  Modern Geometry 1  3
STAT 211  Principles of Statistics I 1  3
MATH 304  Linear Algebra 1  3
or MATH 323  or Linear Algebra

University and College Requirements

Communication  6
Mathematics  8

Select one of the following:

MATH 151  Engineering Mathematics I  4
MATH 147  Calculus I for Biological Sciences  4
MATH 171  Analytic Geometry and Calculus  4

Select one of the following:

MATH 152  Engineering Mathematics II  4
MATH 148  Calculus II for Biological Sciences  4
MATH 172  Calculus  4

PHYS 218  Mechanics  4

Life and physical sciences  5
Language, philosophy and culture  3
Creative arts  3
Social and behavioral sciences  3
American history  6

POLS 206  American National Government 2  3
POLS 207  State and Local Government 2  3
Minor 1  15-18
Minor 2  15-18

General Electives 3

Total Semester Credit Hours 120

1 Make a grade of 'C' or better.
2 Completion of four semesters of upper-level ROTC may be substituted for three hours of the requirement.
3 Hours of 100-499 courses not used elsewhere.

Select 3 hours from any 200-499 level course.
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 Mathematics: No more than 3 hours may be used from Math 141 or 166 in this degree plan.

Limitation Mathematics: Only one course may be used from; Math 121, 131, 142, 151 or 171 in this degree plan.

Program: BS USSC-Math for Teaching  Catalog Term: Fall 2015 - College Station
Campus: College Station  Evaluation Term: Fall 2015 - College Station
College: Science  Expected Graduation Date:
Degree: Bachelor of Science  Request Number:
Level: Undergraduate  Results as of:
Majors: University Studies  Oct 23, 2015
Departments: College of Science  Concentrations:

<table>
<thead>
<tr>
<th>Met</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Required</td>
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</table>

Program GPA: Yes  .00  .00
Overall GPA: No  2.75  .00

This is NOT an official evaluation.

Area: Concentration Field of Study (21.000 credits) - Not Met

<table>
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<th>Rule</th>
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<th>Subject Course</th>
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<tr>
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<td>MATH 220</td>
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<td>Mus: make a grade of &quot;C&quot; or better.</td>
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<td>No</td>
<td>AND</td>
<td>B.</td>
<td>MATH 375</td>
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<td>Mus: make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>C.</td>
<td>MATH 379</td>
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<td>Mus: make a grade of a &quot;C&quot; or better.</td>
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<td>No</td>
<td>AND</td>
<td>D.</td>
<td>MATH 403</td>
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<td>Mus: make a grade of &quot;C&quot; or better.</td>
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<td>No</td>
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<td>E.</td>
<td>MATH 467</td>
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<td>Mus: make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>F.</td>
<td>STA* 211</td>
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<td>Mus: make a grade of &quot;C&quot; or better.</td>
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<td>No</td>
<td>AND</td>
<td>G.</td>
<td>Linear Algebra 3hrs</td>
<td>Select from MATH 304, 323.</td>
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<td>Mus: make a grade of &quot;C&quot; or better.</td>
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https://compass-ssb.tamu.edu/pls/PROD/bwckapp.P_VerifyDispEvalViewOption

10/23/2015
unofficial evaluation

Area: Communication (6.000 credits) - Not Met

<table>
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<th>Attribute</th>
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<th>Courses</th>
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<tr>
<td>No</td>
<td>A.</td>
<td>Communication Requirement</td>
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<td></td>
<td>Select 6 hours from any courses with the Communication attribute [KCOM].</td>
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Total Credits and GPA 0.000

unofficial evaluation

Area: Mathematics (8.000 credits) - Not Met

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<th>Courses</th>
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<tr>
<td>No</td>
<td>A.</td>
<td>MATH Reqmt I 4hrs</td>
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<td></td>
<td>Select from MATH 151, 147, 171.</td>
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<td>No</td>
<td>AND</td>
<td>B.</td>
<td>MATH Reqmt II 4hrs</td>
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<td></td>
<td>Select from MATH 152, 148, 172.</td>
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Total Credits and GPA 0.000

unofficial evaluation

Area: Life and Physical Sciences (9.000 credits) - Not Met

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<td>No</td>
<td>A.</td>
<td>PHYS 218 4hrs</td>
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<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Science Requirement 5hrs</td>
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<td>Select from any course with the Life and Physical Sciences [KLPS] attribute.</td>
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Total Credits and GPA 0.000

unofficial evaluation

Area: Language, Philosophy & Culture (3.000 credits) - Not Met

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<th>Attribute</th>
<th>Low</th>
<th>High</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<tr>
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<td>Language, Philosophy &amp; Culture</td>
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<td></td>
<td>Select from any Language, Philosophy &amp; Culture [KRLPC] course with an ENGL prefix.</td>
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<td></td>
<td>Select from any 200-499 course with the E KRLPC attribute.</td>
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Total Credits and GPA 0.000

unofficial evaluation

Area: Creative Arts (3,000 credits) - Not Met

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<th>Required</th>
<th>Required Term</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Creative Arts Requirement</td>
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<td>Select three hours from any course with the Creative Arts attribute [KCRA].</td>
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Total Credits and GPA 0.000

unofficial evaluation

Area: Social and Behavioral Science (3,000 credits) - Not Met

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<th>Required Term</th>
<th>Subject</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Social Science Rqmt 3hrs</td>
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<td>Select from INST 210, 222 or SOCI 217.</td>
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Total Credits and GPA

unofficial evaluation

Area: Citizenship (12,000 credits) - Not Met

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<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>American History Rqmt 6hrs</td>
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<td></td>
<td>Select from any course with the [KHIS] attribute.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Political Science Rqmt 6hrs</td>
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<td></td>
<td>Take POLS 206 and POLS 207.</td>
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</tbody>
</table>

Total Credits and GPA

unofficial evaluation

Area: General Electives (55,000 credits) - Not Met

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<th>Subject</th>
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<th>Attribute</th>
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<tr>
<td>No</td>
<td>A.</td>
<td>General Electives 55hrs</td>
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<td></td>
<td>Includes 30-36 hours of courses that were used to satisfy the two minor requirements and 19-25 hours of 100-499 courses not used elsewhere.</td>
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</table>

Total Credits and GPA 0.000

unofficial evaluation

Area: Work Not Applied - Met

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<th>Low</th>
<th>High</th>
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<th>Required Term</th>
<th>Subject</th>
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<th>Attribute</th>
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<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Courses not applied</td>
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Total Credits and GPA

unofficial evaluation

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>University Studies Minor Rqmt - Not Met</th>
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<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. Required Minor</td>
</tr>
<tr>
<td></td>
<td>Two university approved minors are required for this degree program. This area ensures completion of minors and will be removed once an application for degree has been submitted.</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>University Writing Requirement - Not Met</th>
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<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. Writing Requirement</td>
</tr>
<tr>
<td></td>
<td>Two courses required. Only sections 100-499 courses with the Writing attribute [UWRT] or Communication attribute [UCRT] may be used to satisfy this requirement.</td>
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Total Credits and GPA 0.000

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Int'l &amp; Cult Diversity - Not Met</th>
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<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. Int'l &amp; Cultural Diversity 6hr</td>
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<tr>
<td></td>
<td>Select from courses with the International and Cultural Diversity attribute [UCD] (except sections of BUSM 269 with the UWRT attribute).</td>
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Total Credits and GPA 0.000

unofficial evaluation

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<th>Area</th>
<th>Foreign Language - Not Met</th>
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</tr>
<tr>
<td>No</td>
<td>A. Foreign Language Rqmt</td>
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<tr>
<td></td>
<td>Complete one of the following:</td>
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<tr>
<td></td>
<td>1. Two years of the same foreign language in High School.</td>
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<td></td>
<td>2. A two semester sequence of the same foreign language for University credit.</td>
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</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

### 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.

<table>
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<th>Condition</th>
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<td>Residency - Major 12hrs</td>
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<td>Includes MATH 304, 375-376, 403, 467. Must be taken in residence at Texas A&amp;M University.</td>
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<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Residency 300-499 24hrs</td>
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<td></td>
<td>Includes any 300-499 taken in residence at Texas A&amp;M University.</td>
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Total Credits and GPA

unofficial evaluation

### GPR-Major - Not Met

**Description:** A GPR of 2.50 must be maintained in all major field courses.

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<th>Subject</th>
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<th>Attribute</th>
<th>Credits</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Major GPR 21+hrs</td>
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<td>Includes MATH 220, 304, 308, 323, 325, 425, 442; STAT 211-212, 408.</td>
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</table>

Total Credits and GPA

unofficial evaluation

### Back to Display Options

1

Print
TAMUG
NEW COURSES
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:  ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DMD, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies
   DIVE 250 SCUBA DIVING I

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Fundamental academic knowledge and practical application of safe SCUBA diving practices and theory; introduction to diving tables and diving physiology.

5. Prerequisite(s):  **Must complete a medical statement showing no contraindications to diving, or have a recreational scuba**
   Cross-listed with:
   Stacked with:
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  ☑ Yes  ☐ No  If yes, from _____ to _____

7. Is this a repeatable course?  ☑ Yes  ☐ No  If yes, this course may be taken _____ times.

8. Will this course be repeated within the same semester?  ☐ Yes  ☑ No

9. Will this course be submitted to the Core Curriculum Council?  ☑ Yes  ☐ No

10. How will this course be graded:  ☑ Grade  ☐ S/U  ☐ P/F (CLEP)

11. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      any degree program

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

13. Prefix  Course #  Title (excluding punctuation)

<table>
<thead>
<tr>
<th>Lec.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
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Approval recommended by:

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

Submitted to Coordinating Board by:
Chair, GC or UCC  Date
(Submitted to Coordinating Board)

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 87/14
5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
DIVE 250 SCUBA DIVING I
Fall 2016

Instructor:  Sara Williams
Office:  PE 104
Office Phone:  409-740-4928
Fax#:  409-741-4074
Email: williams@tamug.edu

OFFICE HOURS: MW 0900-1030 or by appointment
CLASS MEETING SITES:
Lecture: CLB 114 (MW 1100-1150)
Labs:
TAMUG Pool or GPEF 119/Gymnasium (in inclement weather)
LAB (W) 1500-1700- Bosquez, J.
LAB (R) 1645-1845- Bosquez, J.

LEARNING OUTCOMES:
1. Memorize knowledge required to utilize compressed air as a breathing medium.
2. Identify safe diving through additional experience and practice underwater.
3. Demonstrate comfort, coordination, and strength in the water.
4. Examine various diving systems and equipment.
5. Defend established safe diving principles
6. Develop strategies to increase safety and comfort in a variety of diving environments.

COURSE DESCRIPTION:
Fundamental academic knowledge and practical application of safe SCUBA diving practices and theory; introduction to diving tables and diving physiology.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.

Required textbook and resource materials:
SDI Open Water Kit: Includes Open Water Manual, TDI US Navy Dive Tables, Student Record Folder and SDI Training Logbook, UW Timing Device, Mask, Fins, Booties, and Snorkel

GRADING POLICY
Open Water Diver Exam  30%
E-learning online  20%
Midterm  30%
Quizzes/Homework  20%

GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F
SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

ATTENDANCE POLICY

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

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2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. http://dlot.tamu.edu/content/religious-observance
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
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      (i.)Texas A&M University Explanatory Statement for Absence from Class form available at http://attendance.tamu.edu
      (ii.) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor.
Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

ATTENTION STUDENTS:
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g., physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
3. The courses in which you have elected to participate are either required as a part of your major or elected. Regardless of the case, you must realize that there is a certain assumption of risk in which you engage when you participate in activity classes such as these. You must be aware of this assumption.

AMERICANS WITH DISABILITIES ACT
The Americans with Disabilities Act (ADA) is a federal non-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this law requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Counseling Office, Seibel Student Center, or call (409)740-4587. For additional information visit http://www.tamug.edu/course/DISABILITIES.html

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http://www.tamug.edu/HonorSystem

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FERPA is a federal law designed to protect the privacy of educational records by limiting access to these records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. To obtain a listing of directory information or to place a hold on any or all of this information, please consult the Admissions & Records Office.

Items that can never be identified as public information are a student’s social security number or institutional identification number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

STATEMENT ON COURSE EVALUATIONS
The PICA (Personalized Instructor/Course Appraisal) is an online course evaluation for Texas A&M. We highly encourage you to complete an evaluation for each course on your schedule. Student input is a critical component used to improve curriculum and teaching. Each faculty member values your input to improve his/her methodology. Your
comments can also significantly impact the mix and membership of faculty. The PICA website is available at [http://pica.tamu.edu](http://pica.tamu.edu), your howdy portal.

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<tr>
<td>1</td>
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<td>Quiz 1 Diving Equipment</td>
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<td>Last Day of Class</td>
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Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional
* Submit original form and attach a course syllabus.*

Form Instructions

1. Course request type:
   - □ Undergraduate
   - □ Graduate
   - □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Department of Liberal Studies

3. Course prefix, number and complete title of course:
   DIVE 251 SCUBA DIVING II

4. Catalog course description (not to exceed 50 words):
   Methods to promote safe, self reliant diving and improve the diver's comfort, coordination and strength in the water; to build competency in dive planning and organization.

5. Prerequisite(s):
   Cross-listed with:  
   Stacked with:
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?
   - □ Yes
   - □ No

7. Is this a repeatable course?
   - □ Yes
   - □ No

8. Will this course be repeated within the same semester?
   - □ Yes
   - □ No

9. Will this course be submitted to the Core Curriculum Council?
   - □ Yes
   - □ No

10. How will this course be graded?
    - □ Grade
    - □ S/U
    - □ P/F (CLMD)

11. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      any degree program

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

13. Prefix | Course # | Title (excluding punctuation)
   DIVE | 251 | SCUBA DIVING II

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code
   2.00 | 2.00 | 0.00 | 3.00 | 4903040012 | 1736 | 16 | 17 | 0 | 1 | 0 | 2 | 9 | 8

   Approval recommended by:

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

   Department Head or Program Chair (Type Name & Sign) Date
   (if cross-listed course)

   Submitted to Coordinating Board by:
   Chair, GC or UCC Date

   Associate Director, Curricular Services

   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.

   Curricular Services – 07/14
From page 1:

5. Prerequisites:

**Medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination. Open Water certification from a nationally recognized agency. Divers Alert Network (DAN) Insurance (or equivalent)**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services. If it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

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To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
SCUBA DIVING II
DIVE 251
Fall 2016

Instructor: Joe Bosquez
Office: SAGC 511
Office Phone: 409-741-4067
Fax#: 409-741-4074
Email: bosquezj@tamug.edu

OFFICE HOURS: MW 0900-1030 or by appointment

CLASS MEETING SITES:
Lecture: CLB 114 (MW 1100-1150)

Labs:
TAMUG Pool or GPEF 110/Gymnasium (in inclement weather)
LAB (W) 1500-1700- Euresti, V.
LAB (R) 1645-1845- Bosquez, J.

COURSE DESCRIPTION:
Methods to promote safe, self-reliant diving and improve the diver's comfort, coordination and strength in the water; to build competency in dive planning and organization.

PREREQUISITES:
1. Medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination.
2. Open Water certification from a nationally recognized training agency.
3. Divers Alert Network (DAN) Insurance (or equivalent)

MATERIALS/BOOKS REQUIRED:
- SDI Advanced Adventurer Diver Kit (Includes: Advanced Adventurer Student Manual w/ Knowledge Quest (KQ), SDI Night, Navigation and Limited visibility manual w/ KQ, SDI Deeper Diving with Dive computer manual w/ KQ, Plastic EAD Table and US Navy Air Deco table)
- TDI Nitrox Manual Student Kit w/ KQ
- Log Book
- Diving Insurance- obtained by the student at student expense, by second week of class. Details to be discussed on first day of class.

OTHER REQUIRED MATERIALS:
UW Timing Device, Cutting Device, UW Slate, Whistle, 1 Dive Light (2 recommended), Wetsuit, Mask, Fins, Booties, and Snorkel

GRADING FOR DIVE 251
SDI Advanced Adventure Diver Exam 25% LAB Grade
TDI Understanding Nitrox Exam 25% Swim Test
Quizzes/Homework 20% Advanced Skills
LAB GRADE 30% Pool/ Open water Gear Maintenance

Nitrox Skills 15%
GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

LEARNING OUTCOMES/OBJECTIVES:
1. Describe knowledge required to utilize Nitrox as a breathing medium.
2. Use diving equipment to navigate and complete underwater tasks.
3. Identify safe diving through additional experience and practice underwater.
4. Describe knowledge required to utilize compressed air as a breathing medium.
5. Demonstrate increased comfort, coordination, and strength in the water.
6. Compare several diving environments for comfort and challenge

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SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

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<th>WEEK</th>
<th>LECTURE TOPICS</th>
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<tr>
<td>1</td>
<td>Review Dive Planning, Introduce ODIGTML</td>
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Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DMD, MD, JD, PharmD, DPM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: DIVE 330 RESCUE DIVING
4. Catalog course description (not to exceed 50 words):
   Relates skills necessary to perform basic life support, administer dive first aid, evacuate victim, assist/rescue other divers in water; illustrate proper dive planning; practice accident prevention and effective accident management.

5. Prerequisite(s): ☑ Must complete a medical statement showing no contraindications to diving, or have a recreational scuba
   Current physical examination. Certification as a PADI SCUBA Diver or equivalent. Diving Ad Hoc Committee
   Cross-listed with: Stacked with:
   Cross-listed courses require the signatures of both department chairs.

6. Is this a variable credit course? ☐ Yes  ☑ No
   If yes, from _____ to _____

7. Is this a repeatable course? ☐ Yes  ☑ No
   If yes, this course may be taken _____ times.

8. Will this course be repeated within the same semester? ☐ Yes  ☑ No
   Will this course be submitted to the Core Curriculum Council? ☐ Yes  ☑ No

9. How will this course be graded? ☑ Grade  ☐ S/U  ☐ P/F (CLMP)

10. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography) any degree program

11. If other departments are teaching or responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
   DIVE  330  RESCUE DIVING
   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code
   2.00  2.00  0.00  3.00  4903040012  1736  16  -  17  0  1  0  2  3  8

   Approval recommended by: Date
   Chair, College Review Committee

   Department Head or Program Chair (Type Name & Sign) Date
   Dean of College (if cross-listed course) Date

   Submitted to Coordinating Board by: Date
   Chair, GC or UCC

   Associate Director, Curricular Services

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination. Certification as a SDI Scuba Diver or equivalent. Divers Alert Network (DAN) diving accident insurance (or equivalent).**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
SCUBA Rescue Diver
Fall 2016
DIVE 330

Instructors: E-mail: Office: Telephone #: Fax #:
Joe Bosquez bosquezi@tamug.edu PE 104 409-740-1928 409-740-4946
Amie Hufton huftona@tamug.edu PE 104 409-740-4928 409-740-4946
Mike Ange Diving Safety Officer SAGC 500B 409-741-4056 409-741-4056

OFFICE HOURS: MW 0900-1030

CLASS MEETING TIMES AND SITE(S):
Location: GPEF 107 and TAMUG pool
Lecture Wednesday 5-7
Lab M 3-5 (section 401)
Lab M 5-7 (section 402)
Lab R 2:30-4:30 (section 403)

LEARNING OUTCOMES:
1. Design assists and rescues in open water provided the diving site and diving situations approximate those of the course;
2. Demonstrate the First Aid/CPR skills necessary to provide basic life support in the event of an emergency;
3. Compare and contrast methods for effective emergency response
4. Identify factors that cause divers to become stressed or distressed.
5. Describe methods to triage and treat victims
6. Employ equipment creatively to respond to practice scenarios.

COURSE DESCRIPTION:
Relates skills necessary to perform basic life support, administer dive first aid, evacuate victim, assist/rescue other divers in water; illustrate proper dive planning; practice accident prevention and effective accident management.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.
2. Certification as a SDI SCUBA Diver or equivalent.
3. Divers Alert Network (DAN) diving accident insurance (or equivalent)

REQUIRED MATERIALS/BOOKS:
SDI Rescue Diver Kit, Timing Device, Trauma Shears, Slate, Diver Down by Michael Ange;
Whistle, Dive Light, Log Book, Mask, Fins, Snorkel, Wetsuit, Dive Booties, Pocket Mask
Diving Insurance- obtained by the student at student expense, by second week of class. Details to be discussed on first day of class.
GRADING:
Rescue Diver Exam 20%
First Aid Exam 10%
CPR/First Aid/Emergency O2/AED Practical Exam 10%
Successful Completion of Open Water Activities 20%
Quizzes/Homework 30%
Project 10%

GRADING SCALE:
90 - 100 = A
80 - 89 = B
70 - 79 = C
60 - 69 = D
Below 60 = F

SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

ATTENDANCE POLICY
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Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

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5) Religious holy day. NOTE: Prior notification is NOT required.
http://dof.tamu.edu/content/religious-observance
6) Injury or illness that is too severe or contagious for the student to attend class.
a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
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(ii) Confirmation of visit to a health care professional affirming date and time of visit.
c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor.
Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

ATTENTION STUDENTS:
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g. physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
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ACADEMIC DISHONESTY
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Items that can never be identified as public information are a student’s social security number or institutional identification number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

STATEMENT ON COURSE EVALUATIONS
The PICA (Personalized Instructor/Course Appraisal) is an online course evaluation for Texas A&M. We highly encourage you to complete an evaluation for each course on your schedule. Student input is a critical component used to improve curriculum and teaching. Each faculty member values your input to improve his/her methodology. Your comments can also significantly impact the mix and membership of faculty. The PICA website is available at http://pica.tamu.edu, your howdy portal.
<table>
<thead>
<tr>
<th>WEEK</th>
<th>ACTIVITY (Description)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lab Introduction; Dive Locker Safety; Gear Maintenance; Swim test</td>
<td>Will meet at pool. Come in swim attire.</td>
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<tr>
<td>1</td>
<td>AGGIE GEAR NIGHT @ Island divers 7-9 pm</td>
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<tr>
<td>2</td>
<td>O2 Training; CPR/1st Aid/AED</td>
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<tr>
<td>3</td>
<td>Unconscious Diver Rescue (Skin Diver); Scuba Skills Review</td>
<td>Students must have All Gear</td>
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<td>4</td>
<td>Diving First Aid/ Field Neuro</td>
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<tr>
<td>5</td>
<td>Unconscious Diver Rescue; Underwater Problem solving and interventions; Gear Stripping</td>
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<tr>
<td>6</td>
<td>Surface Rescues; Panicked Divers (Surface and UW), Lifts/Carries/Exits</td>
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<td>7</td>
<td>GMR- Galveston Marine Response; Beach Rescues</td>
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<tr>
<td>8</td>
<td>Small Boat Diving</td>
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<tr>
<td>9</td>
<td>Alternate Gear Configuration Rescue</td>
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<tr>
<td>10</td>
<td>GPD/GSO/HSO - Public Safety Diving</td>
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<tr>
<td>11</td>
<td>Coast Guard</td>
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<td>12</td>
<td>Chamber- Ocean Corps</td>
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<tr>
<td>13</td>
<td>Lab Practicle</td>
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<tr>
<td>13</td>
<td>OPEN WATER WEEKEND- RESCUE</td>
<td>Rescue Weekend at Blue Lagoon in Huntsville, TX -</td>
</tr>
<tr>
<td>14</td>
<td>Rescue Exam</td>
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<tr>
<td>15</td>
<td>Review exam, correct missed answers</td>
<td></td>
</tr>
</tbody>
</table>
Texas A&M University

Departmental Request for a New Course

Undergraduate • Graduate • Professional

* Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies

3. Course prefix, number and complete title of course: DIVE 331 Alternative Diving Technology

4. Catalog course description (not to exceed 50 words):
   Illustrate the realities of operating in the scientific, public safety and military diving disciplines; practice real world training scenarios involving multiple aspects of each of the three fields.

5. Prerequisite(s):
   **Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diving physical examination (OR AAUS Divemaster Rating with AAUS Certification or an Advanced and...)
   Cross-listed with:  
   Stacked with: 
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? ☐ Yes ☑ No If yes, from _______ to _______

7. Is this a repeatable course? ☐ Yes ☑ No If yes, this course may be taken ______ times.

Will this course be repeated within the same semester? ☐ Yes ☑ No

8. Will this course be submitted to the Core Curriculum Council? ☐ Yes ☑ No

9. How will this course be graded? ☑ Grade ☐ S/U ☐ P/F (COA)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      any degree program

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control-basics-for-distance-education).

13. Prefix: Course #: Title (excluding punctuation)

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
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<tbody>
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<td>3.00</td>
<td>4903040012</td>
<td>1736</td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

Approval recommended by:

[Signature]

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

[Signature]

Chair, College Review Committee Date

[Signature]

Dean of College Date

Submitted to Coordinating Board by:

[Signature]

Chair, GC or UCC Date

[Signature]

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
From page 1:

5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination. (OR AAUS Physical if rating with AAUS). Certification as an Advanced and Rescue Diver or equivalent. Divers Alert Network (DAN diving accident insurance (or equivalent). Junior or senior classification or instructor approval.
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

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**Title:** Diver, Professional and Instructor.

**Definition:** A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
Alternative Diving Technology – DIVE 331 - Fall 2016

Instructor: Mike Ange, Diving Safety Officer Office: SAGC 510 Tel. No.: 409-741-4056 (off)
E-mail: angem@tamug.edu

OFFICE HOURS - M-Th 0900 – 1200, Fri 1500-1700

CLASS MEETING TIMES AND SITE(S): Class - Fr 0900-1100 Location - TBD;
Lab – Fr 1100 – 1300 Location - TAMUG Pool

LEARNING OUTCOMES:
1. Employ surface supplied diving equipment and techniques;
2. Describe semi closed circuit diving technology and techniques;
3. Practice tasks associated with the public safety, scientific, and military styles of diving;
4. Demonstrate an essential understanding of scientific, public safety and military dive planning and execution including risk management;
5. Operate a dive site protocol consistent to the underwater task;
6. Identify and apply the appropriate technology to theoretical underwater research problems

COURSE DESCRIPTION:
Illustrates the realities of operating in the scientific, public safety and military diving disciplines; Practice real world training scenarios involving multiple aspects of each of the three fields.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination (OR AAUS Physical if rating with AAUS).
2. Certification as an Advanced and Rescue Diver or equivalent.
3. Divers Alert Network (DAN) diving accident insurance (or equivalent)
4. Junior or senior classification or instructor approval.

MATERIALS/BOOKS:

GRADING:
Semi Closed Rebreather Exam & Dive Project 25%
Surface Supplied Exam & Dive Project 25%
FFM & Blending Exams & Operational Project 25%
Alternative Diving Technologies Final Exam 25%

GRADING SCALE:
90 – 100 = A
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Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

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The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

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<tbody>
<tr>
<td>1</td>
<td>Paper work, swim test - lab intro</td>
</tr>
<tr>
<td>2</td>
<td>Surface Supply Academics - all academic lab</td>
</tr>
<tr>
<td>3</td>
<td>Hat Wet Lab - entire class</td>
</tr>
<tr>
<td>4</td>
<td>Friday &amp; Saturday Hot Dives: Boat Basin and then Moody</td>
</tr>
<tr>
<td>5</td>
<td>HAT'S Written Exam proctored by DM - AALS Symposium</td>
</tr>
<tr>
<td>6</td>
<td>Gas Blending class and dry lab</td>
</tr>
<tr>
<td>7</td>
<td>SCR Class - dry lab</td>
</tr>
<tr>
<td>8</td>
<td>FFM Class - SCR &amp; FFM wet lab</td>
</tr>
<tr>
<td>9</td>
<td>SCR &amp; FFM wet lab - ALL lab</td>
</tr>
<tr>
<td>10</td>
<td>Blender written exam proctored by dive master (DEMA)</td>
</tr>
<tr>
<td>11</td>
<td>SCF &amp; FFM Exams - make up and review SCF &amp; FFM (study out)</td>
</tr>
<tr>
<td>12</td>
<td>20 &amp; 21 Nov Aquatopia Springs Trip SCR &amp; FFM dives</td>
</tr>
<tr>
<td>13</td>
<td>Holiday</td>
</tr>
<tr>
<td>14</td>
<td>Review - Gear Day - HELT NIGHT EXPERIENCE HERE with skills final exams</td>
</tr>
<tr>
<td>15</td>
<td>Final Written Exam</td>
</tr>
</tbody>
</table>
Mandatory watermanship evaluations (80 points passing for divers):
All Programs must include the following water skills and physical fitness evaluations, which are in addition to any water skills listed above. These evaluations must all be done at one time, with no more than 6 minutes rest period between skills. Repeat these evaluations at each level, if it has been more than three (3) months since the last evaluation.

Twenty five meter underwater swim on one breath. _____Pass _____Fail

**Skill One (20 points)**
Swim for a distance of 900 feet (=12 lengths=6 laps=270 meters). Subtract four minutes from actual time to score handicapped candidates, such as those with a missing limb (e.g., if performed in 12 minutes or less, the score would be 20 points).

<table>
<thead>
<tr>
<th>Time (min/sec)</th>
<th>Points</th>
<th>Time (min/sec)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8 minutes or less</td>
<td>20</td>
<td>12:46 to 13:00</td>
<td>14</td>
<td>14:16 to 14:30</td>
<td>10</td>
<td>10</td>
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<tr>
<td>8:01 to 8:40</td>
<td>19.5</td>
<td>13:01 to 13:15</td>
<td>13.5</td>
<td>14:31 to 14:45</td>
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<td>8:41 to 9:20</td>
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<td>13:16 to 13:30</td>
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<td>12.5</td>
<td>16:01 to 16:15</td>
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<tr>
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<td>13:46 to 14:00</td>
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<td>15:16 to 15:30</td>
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<td>14:01 to 14:15</td>
<td>11</td>
<td>15:31 to 16:00</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**SCORE:__________**

**Skill Two (20 points)**
Swim 1,800 feet (=24 lengths=12 laps=540 meters) using mask, snorkel and fins (swim with fins only; handicapped divers may use both hands and feet).

<table>
<thead>
<tr>
<th>Time (min/sec)</th>
<th>Points</th>
<th>Time (min/sec)</th>
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<tr>
<td>15:00 to 15:20</td>
<td>19.5</td>
<td>17:01 to 17:20</td>
<td>16.5</td>
<td>19:01 to 19:20</td>
<td>11</td>
<td>20:31 to 20:40</td>
<td>04</td>
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<td>15:21 to 15:40</td>
<td>18</td>
<td>17:21 to 17:40</td>
<td>16</td>
<td>19:21 to 19:40</td>
<td>10</td>
<td>20:41 to 20:50</td>
<td>03</td>
</tr>
<tr>
<td>16:01 to 16:20</td>
<td>18.5</td>
<td>17:41 to 18:00</td>
<td>15</td>
<td>20:41 to 20:50</td>
<td>08</td>
<td>20:51 to 21:00</td>
<td>02</td>
</tr>
<tr>
<td>16:21 to 16:40</td>
<td>18</td>
<td>18:21 to 18:40</td>
<td>13</td>
<td>20:51 to 21:00</td>
<td>07</td>
<td>&gt;21 minutes</td>
<td></td>
</tr>
</tbody>
</table>

**SCORE:__________**

**Skill Three (20 points)**
Swim while wearing SCUBA gear on the surface, breathing through a snorkel, for a distance of 800 feet (240 meters). Subtract 3 minutes from actual time to score handicapped candidates, such as those with a missing limb (e.g., if performed in 11 minutes or less, the score would be 20 points).

<table>
<thead>
<tr>
<th>Time (min/sec)</th>
<th>Points</th>
<th>Time (min/sec)</th>
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<td>10:01 to 10:10</td>
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<td>10:51 to 11:00</td>
<td>10</td>
<td>11:41 to 11:50</td>
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<tr>
<td>8:41 to 9:00</td>
<td>18.5</td>
<td>10:11 to 10:20</td>
<td>14</td>
<td>11:01 to 11:10</td>
<td>08</td>
<td>11:51 to 12:00</td>
<td>01</td>
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<tr>
<td>9:01 to 9:15</td>
<td>18</td>
<td>10:21 to 10:30</td>
<td>13</td>
<td>11:11 to 11:20</td>
<td>08</td>
<td>&gt;12 minutes</td>
<td></td>
</tr>
</tbody>
</table>

**SCORE:__________**

**Skill Four (20 points)**
Swim while wearing SCUBA gear for a distance of 1,800 feet (540 meters). Subtract one minute from actual time for divers using double tanks (e.g., if performed in 17 minutes or less, the score would be 20 points). Subtract two minutes from actual time for divers using double tanks plus two (2) stage tanks (Trinity Instructor candidate, e.g., if performed in 19 minutes or less, the score would be 20 points).

<table>
<thead>
<tr>
<th>Time (min/sec)</th>
<th>Points</th>
<th>Time (min/sec)</th>
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<tbody>
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<td>17</td>
<td>21:30 to 22:00</td>
<td>14</td>
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<td>17:31 to 18:00</td>
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<td>20:31 to 21:00</td>
<td>15</td>
<td>22:46 to 23:00</td>
<td>10</td>
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<td>21:01 to 21:30</td>
<td>14.5</td>
<td>23:01 to 23:10</td>
<td>09</td>
<td>&gt;24 minutes</td>
<td></td>
</tr>
</tbody>
</table>

**SCORE:__________**

**Skill Five (20 points)**
Swim for a distance of 50 feet (15 meters), without breathing, and commence gas sharing via alternate second-stage regulator with another diver. While continuing to share gas, swim a distance of 1,200 feet (380 meters). Time for scoring begins when both divers begin swimming while sharing gas. Subtract 5 points for each failed attempt by the diver to complete the 60-foot swim.

<table>
<thead>
<tr>
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<td>11:41 to 12:00</td>
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<td>13:16 to 13:30</td>
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<td>15</td>
<td>15:11 to 15:20</td>
<td>08</td>
<td>&gt;16 minutes</td>
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<td>11:21 to 11:40</td>
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<td>13:01 to 13:15</td>
<td>14.5</td>
<td>15:21 to 15:30</td>
<td>09</td>
<td>&gt;12 minutes</td>
<td></td>
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</tbody>
</table>

**SCORE:__________**
Texas A&M University
Departmental Request for a New Course
Undergraduate  □ Graduate  □ Professional
Submit original form and attach a course syllabus.

1. Course request type: □ Undergraduate □ Gradute □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
   DIVE 357 DIVE LEADERSHIP - DIVEMASTER

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Examines divemaster-level dive knowledge, dive leadership theory and application, presentation skills, physical civing
   skills, logistics/planning, and operational execution; develops a multi-environment capable diving leader.

5. Prerequisite(s):
   **Oxygen Administration, Divers Alert Network (DAN) diving accident insurance (or equivalent), Junior or
   Cross-listed with: [ ]
   Stacked with: [ ]

6. Is this a variable credit course? □ Yes □ No If yes, from ________ to ________
7. Is this a repeatable course? □ Yes □ No If yes, this course may be taken ________ times.
8. Will this course be repeated within the same semester? □ Yes □ No
9. Will this course be submitted to the Core Curriculum Council? □ Yes □ No
10. How will this course be graded? □ Grade □ S/U □ P/F (CLMD)

This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      any degree program

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vr.rtu.edu/resources/export-
   controls/Export-control-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)
   DIVE 357 DIVE LEADERSHIP - DIVEMASTER

   Lect. Lab Other SCH CIP and Fund Code Admin. Unit Acad. Year FICE Code
   2.00 2.00 0.00 3.00 4903040012 1736 16 - 17 0 1 0 2 9 8

Approval recommended by:

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

Department Head or Program Chair (Type Name & Sign)
(if cross-listed course)
Date

Submitted to Coordinating Board by:
Chair, GC or UCC
Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
From page 1:

5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination. Certification as a SDI Advanced SCUBA Diver and SDI SCUBA Rescue Diver or equivalent. 60 varied dives logged. Current certifications in First Aid, CPR and Emergency Oxygen Administration. Divers Alert Network (DAN) diving accident insurance (or equivalent). Junior or Senior classification or instructor approval.
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
Diving Leadership- Divemaster
DIVE 357- Fall 2016

Instructors:
Amie Hufton
E-mail:
hufiona@tamug.edu

Office:
PE 104

Telephone #:
409-740-4928

Fax #:
409-740-4946

Office hours: Monday/Wednesday 2-3 pm

CLASS MEETING TIMES AND SITE(S):
Location: GP107 and TAMUG pool
Lecture Wednesday 5-7
Lab M 3-5 (section 401)

LEARNING OUTCOMES:
1. Recognize and prepare organizational and supervisory techniques on safe open water dives
   according to SDI and Texas A&M University at Galveston dive program standards;
2. Develop and relate professional dive presentations;
3. Prepare safe and organized dive trips;
4. Evaluate certified divers in refresher training;
5. Distinguish between safe and risky diving behavior and habits
6. Analyze SCUBA equipment problems and discover the cause of the problem

COURSE DESCRIPTION:
Examines divemaster-level dive knowledge, dive leadership theory and application, presentation skills,
physical diving skills, logistics/planning, and operational execution; develops a multi-environment
capable diving leader.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational
   scuba diver’s physical examination.
2. Certification as a SDI Advanced SCUBA Diver and SDI SCUBA Rescue Diver or equivalent.
3. 60 varied dives logged.
4. Current certifications in First Aid, CPR and Emergency Oxygen Administration
5. Divers Alert Network (DAN) diving accident insurance (or equivalent)
6. Junior or senior class:ification or instructor approval

REQUIRED MATERIALS/BOOKS:
Timing Device, Trauma Shears, Slate, SDI Air Dive Tables, Whistle, Dive Light, Log Book, Mask, Fins,
Snorkel, Wetsuit, Dive Booties, Pocket Mask
Diving Insurance- obtained by the student at student expense, by second week of class. Details to be
discussed on first day of class.

GRADING:
Divemaster Exam 20%
Demonstration quality skills project 10%
Classroom Presentation 10%
Successful Completion of Open Water Activities 20%
Dive Briefings 30%
Completion of swim test 10%

**GRADING SCALE:**
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

**SCUBA CERTIFICATION:**
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

**ATTENDANCE POLICY**

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, [http://www.tamug.edu/stuife/Academic_Rules/7_Attendance.html](http://www.tamug.edu/stuife/Academic_Rules/7_Attendance.html) will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

1) Participation in an activity that is required for a class and appears on the university authorized activity list at [http://www.tamug.edu/stuife/Academic_Rules/7_Attendance.html](http://www.tamug.edu/stuife/Academic_Rules/7_Attendance.html)
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. [http://dof.tamu.edu/content/religious-observance](http://dof.tamu.edu/content/religious-observance)
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
   b) Injury or illness of less than three class days: Student will provide one or both of these (at instructor’s discretion), within one week of the last date of the absence:
      (i.) Texas A&M University Explanatory Statement for Absence from Class form available at [http://attendance.tamu.edu](http://attendance.tamu.edu)
      (ii.) Confirmation of visit to a healthcare professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor.
Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

ATTENTION STUDENTS:
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g. physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
3. The courses in which you have elected to participate are either required as a part of your major or elected. Regardless of the case, you must realize that there is a certain assumption of risk in which you engage when you participate in activity classes such as these. You must be aware of this assumption.

AMERICANS WITH DISABILITIES ACT
The Americans with Disabilities Act (ADA) is a federal non-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this law requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Counseling Office, Seibel Student Center, or call (409)740-4587. For additional information visit http://www.tamug.edu/counsel/Disabilities.html

ACADEMIC DISHONESTY
For many years, Aggies have followed a Code of Honor, which is stated in this very simple verse: “Aggies do not lie, cheat, or steal, nor do they tolerate those who do.” As such, it is the responsibility of students and faculty members to help maintain scholastic integrity at the university by refusing to participate in or tolerate scholastic dishonesty. The Aggie Code of Honor and the Scholastic Dishonesty sections in the TAMUG University Rules handbook will be standards upon which scholastic integrity is maintained. http://www.tamug.edu/HonorSystem

FAMILY EDUCATIONAL AND RIGHTS TO PRIVACY ACT (FERPA)
FERPA is a federal law designed to protect the privacy of educational records by limiting access to these records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. To obtain a listing of directory information or to place a hold on any or all of this information, please consult the Admissions & Records Office.

Items that can never be identified as public information are a student’s social security number or institutional identification number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

STATEMENT ON COURSE EVALUATIONS
The PICA (Personalized Instructor/ Course Appraisal) is an online course evaluation for Texas A&M. We highly encourage you to complete an evaluation for each course on your schedule. Student input is a critical component used to improve curriculum and teaching. Each faculty member values your input to improve his/her methodology. Your comments can also significantly impact the mix and membership of faculty. The PICA website is available at http://pica.tamu.edu, your howdy portal.
<table>
<thead>
<tr>
<th>WEEK</th>
<th>ACTIVITY (Description)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lab Introduction; Dive Locker Safety; Gear Maintenance; Swim test</td>
<td>Will meet at pool.</td>
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<tr>
<td></td>
<td>AGGIE GEAR NIGHT @ Island divers 7-9 pm</td>
<td>Come in swim attire.</td>
</tr>
<tr>
<td>2</td>
<td>Dive Professionalism</td>
<td>Students must have All Gear</td>
</tr>
<tr>
<td>3</td>
<td>Dive Leadership</td>
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</tr>
<tr>
<td>4</td>
<td>Dive Safety</td>
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<td>Creating positive learning environments</td>
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<td>13</td>
<td>Attend another class trip</td>
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<td>14</td>
<td>Divemaster Exam</td>
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<td>15</td>
<td>Review exam, correct missed questions</td>
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</tbody>
</table>
Texas A&M University
Departmental Request for a New Course
Undergraduate + Graduate + Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:  ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies

3. Course prefix, number and complete title of course: DIVE 457 DIVE LEADERSHIP INSTRUCTOR

4. Catalog course description (not to exceed 50 words):
   Apply effective methods to teach skin and scuba diving in compliance with training agency instructional standards; evaluate instructional level dive knowledge, water skills, and presentation performance in accordance with training agency teaching standards.

5. Prerequisite(s):

   Recreational scuba diver’s medical evaluation. Certification as a SCUBA Divermaster or equivalent. 100% passed dive logbook. Current certifications in First Aid, CPR and Emergency Oxygen Administration.

Cross-listed with:  ☐

Stacked with:  ☐

Cross-listed courses require the signatures of both department heads.

6. Is this a variable credit course?  ☐ Yes  ☑ No

7. Is this a repeatable course?  ☐ Yes  ☑ No

   If yes, from ________ to ________

   If yes, this course may be taken ________ times.

8. Will this course be repeated within the same semester?  ☑ Yes  ☐ No

9. Will this course be submitted to the Core Curriculum Council?  ☑ Yes  ☐ No

10. How will this course be graded?  ☑ Grade  ☐ S/U  ☐ P/F (CLMD)

11. This course will be:

   a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S. Ph.D. in geography) any degree program

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)

   DIVE 457  DIVE LEADERSHIP INSTRUCTOR

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code
   2.00  2.00  0.00  3.00  4903040012  1736  16 - 17 0 1 0 2 9 8

   Approval recommended by:

   Department Head or Program Chair (Type Name & Sign)  Date  Chair, College Review Committee  Date

   (if cross-listed course)

   Department Head or Program Chair (Type Name & Sign)  Date  Dean of College  Date

   Submitted to Coordinating Board by:

   Chair, GC or UCC  Date  Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 07/14
5. Prerequisites:

**Recreational scuba diver’s medical evaluation.** Certification as a SCUBA Divemaster or equivalent. 100 varied dives logged. Current certification in First Aid, CPR and Emergency Oxygen Administration. Divers Alert Network (DAN) diving accident insurance (or equivalent). Junior or senior classification or instructor approval.
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services. If it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 33C, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
Dive Leadership- Dive Instructor
DIVE 457- Fall 2016

Instructors: Amie Hufton
E-mail: huftona@tamug.edu
Office: PE 104
Telephone #: 409-740-4928
Fax #: 409-740-4946

Office hours: Monday/Wednesday 2-3 pm

CLASS MEETING TIMES AND SITE(S): Location: GPEF 107 and TAMUG pool
Lecture Wednesday 5-7
Lab M 3-5 (section 401)

LEARNING OUTCOMES:
1. Recognize and prepare organizational and supervisory techniques on safe open water
dives according to SDI and Texas A&M University at Galveston dive program standards;
2. Develop and summarize professional dive presentations;
3. Prepare safe and organized dive trips;
4. Evaluate divers in training, from Open water level through Divemaster.

COURSE DESCRIPTION:
Apply effective methods to teach skin and scuba diving in compliance with training agency
instructional standards; evaluate instructional level dive knowledge, water skills, and
presentation performance in accordance with training agency teaching standards.

PREREQUISITES:
1. Recreational scuba diver’s medical evaluation.
2. Certification as a SCUBA Divemaster or equivalent.
3. 100 varied dives logged
4. Current certifications in First Aid, CPR and Emergency Oxygen Administration
5. Divers Alert Network (DAN) diving accident insurance (or equivalent)
6. Junior or senior classification or instructor approval

REQUIRED MATERIALS/BOOKS:
SDI Standards and Policies Manual, TAMUG Diving Safety Manual, SDI Instructor manual,
Timing Device, Trauma Shears, Slate, SDI Air Dive Tables, Whistle, Dive Light, Log Book,
Mask, Fins, Snorkel, Wetsuit, Dive Booties, Pocket Mask; Diving Insurance- obtained by the
student at student expense, by second week of class. Details to be discussed on first day of class.

GRADING:
Instructor Exam 20%
Demonstration quality skills project 10%
Classroom Presentation 10%
Successful Completion of Open Water Activities 20%
Dive Briefings 30%
Completion of swim test 10%

GRADING SCALE:
90 - 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

ATTENDANCE POLICY

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

1) Participation in an activity that is required for a class and appears on the university authorized activity list at http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. http://dof.tamu.edu/content/religious-observance
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
   b) Injury or illness of less than three class days: Student will provide one or both of these (at instructor's discretion), within one week of the last date of the absence:
      (i.)Texas A&M University Explanatory Statement for Absence from Class form available at http://attendance.tamu.edu
      (ii.) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor. Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

**ATTENTION STUDENTS:**

1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g. physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
3. The courses in which you have elected to participate are either required as a part of your major or elected. Regardless of the case, you must realize that there is a certain assumption of risk in which you engage when you participate in activity classes such as these. You must be aware of this assumption.

**AMERICANS WITH DISABILITIES ACT**
The Americans with Disabilities Act (ADA) is a federal non-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this law requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Counseling Office, Seibel Student Center, or call (409)740-4587. For additional information visit [http://www.tamug.edu/counsel/Disabilities.html](http://www.tamug.edu/counsel/Disabilities.html)

**ACADEMIC DISHONESTY**
For many years, Aggies have followed a Code of Honor, which is stated in this very simple verse: “Aggies do not lie, cheat, or steal, nor do they tolerate those who do.” As such, it is the responsibility of students and faculty members to help maintain scholastic integrity at the university by refusing to participate in or tolerate scholastic dishonesty. The Aggie Code of Honor and the Scholastic Dishonesty sections in the TAMUG University Rules handbook will be standards upon which scholastic integrity is maintained. [http://www.tamug.edu/HonorSystem](http://www.tamug.edu/HonorSystem)

**FAMILY EDUCATIONAL AND RIGHTS TO PRIVACY ACT (FERPA)**
FERPA is a federal law designed to protect the privacy of educational records by limiting access to these records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. To obtain a listing of directory information or to place a hold on any or all of this information, please consult the Admissions & Records Office.

Items that can never be identified as public information are a student’s social security number or institutional identification number, citizenship, gender, grades, GPR or class schedule. All efforts will be
made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

**STATEMENT ON COURSE EVALUATIONS**
The PICA (Personalized Instructor/Course Appraisal) is an online course evaluation for Texas A&M. We highly encourage you to complete an evaluation for each course on your schedule. Student input is a critical component used to improve curriculum and teaching. Each faculty member values your input to improve his/her methodology. Your comments can also significantly impact the mix and membership of faculty. The PICA website is available at [http://pica.tamu.edu](http://pica.tamu.edu), your howdy portal.
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<th>NOTES</th>
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<td>1</td>
<td>Lab Introduction; Dive Locker Safety; Gear Maintenance; Swim test</td>
<td>Will meet at pool. Come in swim attire.</td>
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<td>1</td>
<td>AGGIE GEAR NIGHT @ Island divers 7-9 pm</td>
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<td>2</td>
<td>Dive Professionalism</td>
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<td>Dive Leadership</td>
<td>Students must have All Gear</td>
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<td>Dive Safety</td>
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<td>15</td>
<td>Review exam, correct missed answers</td>
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TAMUG
WITHDRAWAL OF COURSES
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments.

Form Instructions
1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DVM, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 110 SCUBA I LECTURE
4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal reason: Changing the course prefix to better represent its discipline
   c. Cross-list with: ___________________________________________________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? ☑ Yes  ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade ☐ S/U ☐ P/F (CLM)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. As currently in course inventory:
    Prefix  Course #  Title (excluding punctuation)
    MAST 110 SCUBA I LECTURE

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
   2.00  0.00  0.00  2.00  3601080013  1736  010298 1

11. Change to:
    Prefix  Course #  Title (excluding punctuation)
    MAST 110 SCUBA I LECTURE

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code  Level
   000  0.00  0.00  0.00  15  010298 1

Approval recommended by:

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

Chair, College Review Committee Date

Dean of College Date

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Associate Director, Curricular Services Date

Effective Date

Questions regarding this form should be directed to Sandee Williams at 845-8201 or sandee-williams@tamu.edu.
Curricular Services — 08/14
11/9/2015

Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanuts Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00.13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 120 SCUBA II LECTURE

4. Change requested:
   a. Prerequisite(s): From: ___________ To: ___________
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with: ___________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? ☑ Yes ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade ☐ S/U ☐ P/F (CL/MD)
7. If this course will be stacked, please indicate the course number of the stacked course:

   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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b. Change to:

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Approval recommended by:
JoAnn DiGeorgia-Lutz
Department Head or Program Chair (Type Name & Sign) Date 11-18-15
Chair, College Review Committee
Date 11-18-15

Department Head or Program Chair (Type Name & Sign) Date 11-18-15
If (cross-listed course) Date 11-18-15

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 945-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

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To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
* Submit original form and attachments *

Form Instructions
1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (MD, JD, PharmD, DPh)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 330 RESCUE DIVER

4. Change requested
   a. Prerequisite(s); From: ___________________________ To: ___________________________
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in Item 9; enter proposed course title and proposed course description in Item 10. Complete Item 11a and b for a change in title.
   c. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete Item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? ☐ Yes ☑ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade ☐ S/U ☐ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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<td>MAST</td>
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<td>RESCUE DIVER</td>
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<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
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b. Change to:

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<tr>
<th>Prefix</th>
<th>Course #</th>
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</thead>
</table>

   | Lect.  | Lab      | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
   |        |          |       | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
   |        |          |       |     |                | -           | 0 1 0 2 9 8 |

Approval recommended by: ___________________________ Date: ____________

[Signature]

Department Head or Program Chair (Type Name & Sign) Date: ____________

[Signature]

Department Head or Program Chair (Type Name & Sign) Date: ____________

[Signature]

Department Head or Program Chair (Type Name & Sign) Date: ____________

[Signature]

Submitted to Coordinating Board by: ___________________________ Date: ____________

[Signature]

Associate Director, Curricular Services Date: ____________

Effective Date: ____________

Questions regarding this form should be directed to Sandra Williams at 945-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
11/9/2015

Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broadly based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanauts Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions:
1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 331 ALTERNATE DIVING TECHNOLOGY

Attach a brief supporting statement for changes made in Items 4a through 4d, and 10 below.

4. Change requested:
   a. Prerequisite(s): From: To:
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with:

      Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? ☐ Yes  ☑ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade  ☐ S/U  ☐ P/F (cl.m.d)
7. If this course will be stacked, please indicate the course number of the stacked course:

   ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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<th>Title (excluding punctuation)</th>
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<td>331</td>
<td>ALTERNATE DIVING TECHNOLOGY</td>
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<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
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<td>1736</td>
<td>0 1 0 2 9 8</td>
<td>3</td>
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</tbody>
</table>

b. Change to:

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<tr>
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<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
</table>

Approval recommended by:

Victor Vies
Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date
(If cross-listed course)

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services Date
Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.

Curricular Services – 06/14
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

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Title: Diver, Professional and Instructor.

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To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
Submit original form and attachments

Form Instructions
1. Course request type: [✓] Undergraduate [ ] Graduate [ ] First Professional (DDS, MD, JD, PhamD, DVM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 357 DIVING LEADERSHIP-DIVEMASTER

4. Change requested
   a. Prerequisite(s): From: ___________________ To: ___________________
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with: ___________________

   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus
   f. Is this an existing core curriculum course? [ ] Yes [✓] No
   g. If grade type is changing for existing course, indicate the new grade type: [ ] Grade [✓] SAU [ ] P/F (CLAD)
   h. If this course will be stacked, please indicate the course number of the stacked course: ___________________
   i. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/audit/standard-terms/controls/export-control-basics-for-distance-education).

5. Complete current course title and current catalog course description:

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

7. As currently in course inventory:

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<tr>
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<th>Title (excluding punctuation)</th>
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<td>357</td>
<td>DIVING LEADERSHIP-DIVEMASTER</td>
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<tr>
<td>2.00</td>
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   Approval recommended by:

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<th>Department Head or Program Chair (Type Name &amp; Sign)</th>
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<tr>
<td>Victor Visor</td>
<td>11/4/15</td>
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<tr>
<th>Chair, College Review Committee</th>
<th>Date</th>
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<td>(if cross-listed course)</td>
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<th>Date</th>
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<td>Chair, GC or UCC</td>
<td>11/4/15</td>
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<tr>
<th>Associate Director, Curricular Services</th>
<th>Date</th>
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<tbody>
<tr>
<td></td>
<td>11/4/15</td>
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</tbody>
</table>

   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services - 08/14
Justification to develop a new prefix and realign the Diving program at TAMUG

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To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type:  ☒ Undergraduate  ☐ Graduate  ☐ First Professional (DVS, MD, JD, PharmD, JDA)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 457 DIVE LEADERSHIP-DIVE INSTRUCTOR
4. Change requested
a. Prerequisite(s): From:  To:

b. Withdrawal (reason): change course prefix to better reflect the discipline

c. Cross-list with:

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

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     ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Change to:
    a. As currently in course inventory:

    Prefix  Course #  Title (excluding punctuation)
    MAST  457  DIVE LEADERSHIP-DIVE INSTRUCTOR

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
    2.00  2.00  0.00  3.00  3601080013  1736  0 1 0 2 9 8 3

b. Change to:

    Prefix  Course #  Title (excluding punctuation)

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Grad. Year  FICE Code  Level

    Approval recommended by:

    Date

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

Department Head or Program Chair (Type Name & Sign) (If cross-listed course)
Date

Submitted to Coordinating Board by:
Chair, GC or UCC  Date

Associate Director, Curricular Services  Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
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To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
TAMUG

CHANGE IN COURSES
Texas A&M University
Departmental Request for a Change in Course
Undergraduate ▪ Graduate ▪ Professional
Submit original form and attachments

1. Request submitted by (Department or Program Name): Department of Maritime Systems Engineering

2. Course prefix, number and complete title of course: MASE 319 Naval Architecture Design I

3. Change requested

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>COEN 311, COEN 315, MASE 321, MASE 244, Junior or senior classification or approval of instructor, Enrollment in OCEE major degree sequence.</td>
<td>Successful completion of co-requisites OCIEN 401 and OCIEN 402. Successful completion of MASE 321 and MASE 315. Junior or senior classification or approval of instructor. Enrollment in OCEE major degree sequence.</td>
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<tr>
<td>Prerequisites:</td>
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<tr>
<td>Withdrawal reason:</td>
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<tr>
<td>Cross-list with:</td>
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</table>

4. For informational purposes only, please indicate course number if this course will be blocked:

5. Complete current course title and current catalog course description:

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

7. a. As currently in course inventory:

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<td>0102983</td>
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</table>

Approval recommended by:

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

Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date (if cross-listed course)

Chair, GC or UCC Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 645-8201 or sandra.williams@tamu.edu.
Curricular Services - 02/11
Supporting Statement for MASE 319: Naval Architecture Design I

We are requesting a change in the prerequisite from requiring the student’s successful completion of CVEN 311 and CVEN 345 to co-enrollment. This change is required since MASE 319 is scheduled to be taken in the same semester as CVEN 311 and CVEN 345.

In addition, the CIP code is being corrected from 1424010006 (Ocean Engineering) to 1422010006 (Naval Architecture). The corrected code is a better description of the content.
TAMUG
CHANGE IN CURRICULUM
TAMUG

CHANGE IN CURRICULUM

TEXAS A&M UNIVERSITY AT GALVESTON
DEPARTMENT OF LIBERAL STUDIES
MINOR IN DIVING TECHNOLOGY AND METHODS
Texas A&M University
Request for a Change in Curriculum
Undergraduate + Graduate + Professional

1. Program request type: 
   ☑ Undergraduate  ☐ Graduate  ☐ First Professional (e.g., J.D., M.D., M.D., etc.)

2. Request change for: 
   ☐ Degree Program  ☑ Minor  ☐ Certificate

3. Request submitted by (Department or Program Name): 
   Department of Liberal Studies

4. Program Designation and Name 
   (e.g., B.A. in History, Minor in History, Certificate in European Union): 
   Minor in Diving Technology and Methods

5. Brief description of change: 
   Change acronym for all LIST diving courses from MAST to DIVE. Combine courses that previously required co-enrollment in MAST and KINE 199 classes. Change CIP codes from recreational to vocational designation.

6. Rationale for change: 
   Co-enrollment in both 2-hour MAST and 1-hour KINE classes was very problematic for students and faculty. Combining the classes to a 3-hour lecture-lab DIVE course will reduce confusion and unnecessary work to ensure co-enrollment for 50 plus students each semester. Designating entry level SCUBA courses as DIVE classes instead of MAST classes will reduce confusion for students and advisors regarding MAST degree program.

[Signature]
11/19/15
Dean of College

[Signature]
11/19/15
Chair, College Review Committee

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 Hawkeye degree evaluation with handwritten edits attached.  ☑ Yes  ☐ No

Please make sure the attached proposed curriculum, catalog and Hawkeye 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:

8. c. If yes, is the Texas Higher Education Coordinating Board form attached?  ☐ Yes  ☑ No

http://www.thec.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD33BF7010D60

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: 
JoAnn DiGiorgio Lutz
11-19-15
Department Head or Program Chair (Type Name & Sign)

Questions regarding this form should be directed to Curricular Services at 845-8301 or sundee.williams@tamu.edu.
Curricular Services - 01/14
DIVE MINOR COVER MEMO

11/9/2015

We are resubmitting the DIVE Minor form to reflect the changes in the Course prefixes from MAST to DIVE. Otherwise, the DIVE Minor remains the same.
Justification for change in prefix for diving classes

We were informed by TAMU Curricular Services that changing the four digit prefix of our diving classes was acceptable in order to be clearer about the purpose and academic home of the diving classes. Previously they were listed as MAST classes, but not included in the Maritime Studies degree program. This has caused confusion for students and advisors, and in an effort to better align the course prefix with the Diving Technology and Methods Minor, we are proposing DIVE as the new acronym. This change has been discussed with decision makers in LIST, MAST, and Aquanautics Operations, and a consensus was reached in late October.

Justification for change in CIP codes

We were informed by Jeff Pitts, the Assistant Director of Data & Research Services at TAMU, that our previous CIP (36.0108.00 13) for all of TAMUG's diving classes was specific to recreational diving only. He suggested that we consider using 49.0304.00 12 as the code for these courses, as it is weighted for vocational training. Below is the title and definition of the proposed CIP for all of TAMUG's diving classes. We think that this better indicates the training and experiences that students are receiving.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.
Texas A&M University  
Proposed Minor Field of Study

Name of Minor Program: Diving Technology and Methods

Department: Liberal Studies

College: Texas A&M University at Galveston

Will grant a minor: Yes ☑️ No  Academic Year: 2016-17

A selection from among the following courses will constitute a minor field of study.

A. The following ___ hours of course work are required.

B. Select 16 hours from the following courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIVE 250 (3)</td>
<td>Scuba Diving I</td>
</tr>
<tr>
<td>DIVE 251 (3)</td>
<td>Scuba Diving II</td>
</tr>
<tr>
<td>DIVE 330 (3)</td>
<td>Rescue Diving</td>
</tr>
<tr>
<td>DIVE 331 (3)</td>
<td>Alternate Diving Technology</td>
</tr>
<tr>
<td>DIVE 357 (3)</td>
<td>Dive Leadership-Dive-master</td>
</tr>
<tr>
<td>DIVE 457 (3)</td>
<td>Dive Leadership-Dive Instructor</td>
</tr>
<tr>
<td>MARB 340 (4)</td>
<td>Tropical Marine Ecology</td>
</tr>
<tr>
<td>MARB 345 (4)</td>
<td>Introduction to Scientific Diving</td>
</tr>
<tr>
<td>MARB 350 (4)</td>
<td>Methods in Research Diving</td>
</tr>
<tr>
<td>KINE 199 (1)</td>
<td>Conditioning - Swimming</td>
</tr>
<tr>
<td>KINE 199 (1)</td>
<td>Positive Impact - Divemaster</td>
</tr>
</tbody>
</table>

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 16 hours required.

Minimum of 6 hours at 300- to 400-level

Must complete a medical statement showing no contraindications to diving, or have a recreation

Must maintain a 2.5 grade point average

Must maintain good health and fitness appropriate to the level of diving required. Adverse behav

Reviewed and approved by:

[Signature]

Department Head/Program Director  Date  AOC Dean of College  Date
EXPANDED TEXT from the Minor Field of Study:

Please indicate further requirements such as grade point requirement, prerequisites, resident ([if above the minimum 6 hours at the 300- to 400-level]), capstone or methods courses.

- Minimum of ___ hours required.
- Minimum of 6 hours at 300- to 400-level
- Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination.
- Must maintain a 2.5 grade point average
- Must maintain good health and fitness appropriate to the level of diving required. Adverse behaviors that put the diver or other participants at risk such as the use of alcohol or certain medicines may require the diver to be removed from the program.
UNDERGRADUATE MINOR PROGRAMS

A minor is a concentration of courses that focus on a single area of interest, studied from a interdisciplinary perspective as developed by the department or program that offers the minor. The department or program offering the minor is responsible for setting enrollment limits and deciding which courses are used to meet the minor. Course work consists of 15-18 hours with a minimum of 6 in residence at the 300-400 level.

A minor is offered by a department or academic unit that the minor is considered to be available to all students as resources permit. The decision of which department is the major-granting department is required before the minor is added by the advisor in the student’s major. Substitutions in a minor can be initiated in the major- or minor-granting department, but must be approved by both departments. Students must declare a minor no later than the term they apply for graduation. A maximum of two minors can be completed by students. A minor is displayed on the transcript after completion and not displayed on the diploma.

Minor in Diving Technology and Methods

Students in other majors may establish a minor field of study in Diving Technology and Methods through completing 16 hours from the following courses. A minimum of 8 hours must be completed at the 300- to 400-level:

- KINE 199 Conditioning Swimming
- KINE 199 Positive Impact Diving
- MAST 110/KINE 199 Scuba I
- MAST 120/KINE 199 Scuba II
- MAST 330 Rescue Diving
- MAST 331 Alternate Diving Technology
- MARB 340 Tropical Marine Ecology
- MARB 345 Introduction to Scientific Diving
- MARB 350 Methods in Research Diving
- MAST 357 Dive Leadership - Divemaster
- MAST 457 Dive Leadership - Dive Instructor

In addition to the course requirements listed above, students:

- Must complete a medical statement showing no contraindications to diving or have a recreational scuba diver’s physical examination.
- Must maintain a GPA of 2.5.
- Must maintain good health and fitness appropriate to the level of diving required. Adverse behaviors that put the diver or other participants at risk such as the use of alcohol or certain medicines may require the diver to be removed from the program.

Minor in Marine Biology

Students in other majors may establish a minor field of study in Marine Biology through completing 16 credits of MARB course selected in consultation with a Marine Biology advisor, choosing from the courses listed below. The student must have earned a C or better in BIOL 112.

- MARB 301 Genetics
- MARB 311 Ichthyology
- MARB 315 Natural History of Vertebrates
- MARB 360 Marine Conservation Biology
- MARB 400 Biology of Marine Mammals
- MARB 408 Marine Botany
- or MARB 430 Coastal Plant Ecology
- MARB 425 Marine Ecology
- MARB 435 Marine Invertebrate Zoology

91
### 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.

<table>
<thead>
<tr>
<th>Program</th>
<th>Catalog Term</th>
<th>Evaluation Term</th>
<th>Expected Graduation Date</th>
<th>Request Number</th>
<th>Results as of</th>
<th>Minor(s)</th>
<th>Concentrations</th>
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<tbody>
<tr>
<td>[GV] BS MARB</td>
<td>Fall 2015 - Galveston</td>
<td>Fall 2015 - College Station</td>
<td>16</td>
<td>Nov 10, 2015</td>
<td>Diving Technology and Methods</td>
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#### Met Credits Courses

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<th>Total Required</th>
<th>Required</th>
<th>Used</th>
<th>Required</th>
<th>Used</th>
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<tr>
<td>120.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.00</td>
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#### Program GPA

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<th>Yes</th>
<th>.00</th>
<th>.00</th>
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#### Other Course Information

| Transfer | 0.000 | 0.000 |

This is NOT an official evaluation.

### Area Major Coursework (40.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met Condition Rule Subject</th>
<th>Attribute Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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<tbody>
<tr>
<td>No A. BIOL 111</td>
<td></td>
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</tr>
<tr>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND B. BIOL 112</td>
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<tr>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND C. MARB 301</td>
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<tr>
<td>No AND D. MARB 303</td>
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<tr>
<td>No AND E. MARB 310</td>
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<td></td>
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<tr>
<td>No AND F. MARB 315</td>
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<tr>
<td>No AND G. MARB 420</td>
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<tr>
<td>No AND H. MARB 425</td>
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</tr>
<tr>
<td>No AND I. MARB 435</td>
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<tr>
<td>No AND J. MARB 462</td>
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<td></td>
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<tr>
<td>No AND K. Botany Req 4hrs</td>
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<tr>
<td>Select from MARB 408 or MARB 430.</td>
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#### Total Credits and GPA

| 0.000 | .00 |

unofficial evaluation

### Area Supporting Coursework (23.000 credits) - Not Met

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<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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</thead>
<tbody>
<tr>
<td>No A. Earth Science Bective 3hrs</td>
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https://compass-sab.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvelViewOption
unofficial evaluation

Area Communication (6.000 credits) - Met Met

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<th>Mat</th>
<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute Low</th>
<th>High Required</th>
<th>Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute Credits</th>
<th>Grade Source</th>
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<tbody>
<tr>
<td>No</td>
<td>AND</td>
<td>B. ENGL 104</td>
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<td>No</td>
<td>AND</td>
<td>B. ENGL 210</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

Area Mathematics (6.000 credits) - Not Met

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<tr>
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<th>Condition</th>
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<th>Attribute Low</th>
<th>High Required</th>
<th>Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute Credits</th>
<th>Grade Source</th>
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</thead>
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<tr>
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<td>No</td>
<td>AND</td>
<td>B. Mathematics Reqmt II 3hrs</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

Area Life and Physical Sciences (24.000 credits) - Not Met

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<th>Credits</th>
<th>Required Courses</th>
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<th>Course Title</th>
<th>Attribute Credits</th>
<th>Grade Source</th>
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<tr>
<td>No</td>
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<td>B. CHEM 101</td>
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<td>B. CHEM 102</td>
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<td>No</td>
<td>AND</td>
<td>C. CHEM 237</td>
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<td>G. Physics I Reqmt 4hrs</td>
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<td>AND</td>
<td>H. Physics II Reqmt 4hrs</td>
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</table>

Total Credits and GPA 0.000 .00
Area: Language, Philosophy & Culture (3.000 credits) - Not Met

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>Language, Philosophy &amp; Culture Reqnt 3hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Select any course with the Language, Philosophy and Culture attribute (KLJC).</td>
</tr>
</tbody>
</table>

Total Credits and GPA: 0.000 .00

unofficial evaluation

Area: Creative Arts (3.000 credits) - Not Met

<table>
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<tr>
<th>No</th>
<th>A.</th>
<th>Creative Arts Requirement</th>
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<tr>
<td></td>
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<td>Select three hours from any course with the Creative Arts attribute (KCRA).</td>
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Total Credits and GPA: 0.000 .00

unofficial evaluation

Area: Social and Behavioral Sciences (3.000 credits) - Not Met

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>Social Science Reqnt 3hrs</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Select from courses with the Social and Behavioral Science attribute (KSOC).</td>
</tr>
</tbody>
</table>

Total Credits and GPA: 0.000 .00

unofficial evaluation

Area: Citizenship (12.000 credits) - Not Met

<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>American History Reqnt 6hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Select 6 hours from any course with the [KHS] attribute.</td>
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</table>

<table>
<thead>
<tr>
<th>No</th>
<th>B.</th>
<th>Political Science Reqnt 8hrs</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Take POLS 205 and POLS 207.</td>
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</tbody>
</table>

Total Credits and GPA: 0.000 .00

unofficial evaluation

Area: Work Not Applied - Met

Description: See advisor for acceptable substitutions.

| No | A. | Courses not applied |

Total Credits and GPA: 0.000 .00

unofficial evaluation

Area: Dive Tech. and Methods Minor (16.000 credits) - Not Met

Description: Minimum of 6 hours at 300-400 level.

Must complete a medical statement or have recreational scuba diver's physician examination.

https://compass-ssb.temple.edu/pls/PROD/brwiecepp.P_VerifyDispEvalViewOption
Detail Requirements

Must maintain a GPA of 2.5.
Must maintain good health and fitness appropriate to the level of diving required.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute Low High Required</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute Credits</th>
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<tbody>
<tr>
<td>No</td>
<td></td>
<td></td>
<td>16 hrs</td>
<td></td>
<td></td>
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<td></td>
<td>Select 16 hrs from (KINE 199 Conditioning Swimming, KINE 199 Positive Impact Diving, MATH 110, 120, 330, 331, 357, 457; MATH 340, 345, 351)</td>
<td></td>
<td></td>
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<td></td>
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</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject</th>
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<tbody>
<tr>
<td>No</td>
<td></td>
<td></td>
<td>6 hours required. Select from courses with the International and Cultural Diversity attribute [IUCD].</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

Area: Foreign Language - Not Met

<table>
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<th>Condition Rule</th>
<th>Subject</th>
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Total Credits and GPA 0.000 .00

unofficial evaluation

Area: GPR-Major - Not Met

<table>
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<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute Low High Required</th>
<th>Term Subject</th>
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<th>Grade Source</th>
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</tbody>
</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

Area: Residence Requirement - Not Met

Description: Student must complete a minimum of 36 hours of 300-400 level course work at Texas A&M University. 12 hours must be in the field of study.
<table>
<thead>
<tr>
<th>Net</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
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<th>Grade</th>
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<td>Residence</td>
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</tr>
<tr>
<td></td>
<td>AND</td>
<td>No</td>
<td></td>
<td>Residence</td>
<td>24hrs</td>
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</table>

Total Credits and GPA: 0.000, 0.00

unofficial evaluation

Back to Display Options

Print
TAMUG
Change in Curriculum

Texas A&M University at Galveston
Department of Marine Biology
BS in Marine Biology – License Option
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): Marine Biology

4. Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union): B.S. in Marine Biology - License Option

5. Brief description of change
   Decreasing total credit hours from 151 to 150 to accommodate the new credit hours for required MART courses.

6. Rationale for change:
   MART 406 changed from 4 credits to 3 credits.

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: 151 to: 150
   c. If yes, is the Texas Higher Education Coordinating Board form attached? ☑ Yes □ No

http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-3756AD3B0F01D60

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:
Dr. John Schwarz 1/10/15 1/18/15

Dean of College Date

Chair, College Review Committee 1/14/15 Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
<table>
<thead>
<tr>
<th>Course</th>
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<th>Substitution</th>
<th>Course</th>
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<th>Substitution</th>
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<td>BIOL 112 *</td>
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<td></td>
<td>MART 203 *</td>
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<td>MART 103 *</td>
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<td>MATH 141</td>
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<td><strong>FRESHMAN YEAR</strong></td>
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<tr>
<td><strong>Summer Training Cruise</strong></td>
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<tr>
<td>MART 200 or NAUT 200 (4 or 6 hours)*</td>
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<tr>
<td><strong>SOPHOMORE YEAR</strong></td>
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<tr>
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<td>PHYS 202</td>
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<td></td>
<td>MART 307 *</td>
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<td>MART 312 *</td>
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<td></td>
<td>MART 406 *</td>
<td>3</td>
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<td>MARB 321 *</td>
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<td>POLS 206</td>
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<td><strong>SENIOR YEAR</strong></td>
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</tr>
<tr>
<td>MARB 310</td>
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<td>MARB 311</td>
<td>4</td>
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<td>MARB 425</td>
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<td>MARB 435 2</td>
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<td>MART 410 *</td>
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<td>HIST 106 1</td>
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<td><strong>Summer Training Cruise</strong></td>
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<tr>
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<tr>
<td>F (FALL) S (SPRING) SU (SUMMER)</td>
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</tr>
</tbody>
</table>

1 Required to have a 3 hour American History course. May substitute HIST 226 or HIST 232.

2 Required to have 6 hours with ICC attribute in order to graduate. It is possible to use Language/Philosophy/Culture, Social Science, Summer Cruises and MARB electives to satisfy the requirement if the course also has the ICC attribute.

3 Writing Intensive—Minimum 2 courses

* Courses requiring a grade of "C" or better

HIST 106 1 Writing Intensive—Minimum 2 courses
Curriculum in Marine Biology - License Option (MARB-LO)

The Department of Marine Biology offers three degree programs: Marine Biology (MARB), Marine Biology License Option (MARB/LO) and Marine Fisheries (MARF). These curricula are subject to the following rules and requirements:

- The student shall have earned at least a grade of C in BIOL 111 and 112. Students may not advance to BIOL 112 until a grade of C or better is earned in BIOL 111.
- Transfer students must have a minimum GPA of 2.5 or approval of the MARB Department Head to be admitted to the department. Transfer students with the required courses who meet the criteria listed above may be admitted directly into the MARB, MARB/LO and MARF degree programs.
- Preference for available seats in courses in the Department will be given to students who have been admitted to the degree program. If additional spaces are available, students from other departments for whom courses in the Department are on their program of study, and who meet the course prerequisites, may be enrolled.
- It is the student's responsibility to satisfactorily complete prerequisite coursework before enrolling in more advanced courses.

The Marine Biology License Option program allows the marine biology student to prepare for a career as an officer aboard a seagoing vessel by participating in the Texas A&M Maritime Academy Corps of Midshipmen. The curriculum provides the basics of marine biology as well as courses leading toward licensing as a Third Mate of any gross tonnage upon oceans, steam, or motor vessels, in the U.S. Merchant Marine.

The Marine Biology License Option curriculum is an abbreviated version of the Marine Biology curriculum and is oriented toward field activities consistent with service aboard research vessels. Students who wish to attend a biologically-oriented graduate program, or are interested in the medical professions, are advised to take additional coursework in developmental biology, genetics, biochemistry, and physiology.

Midshipmen who enroll in and apply to graduate in this curriculum must pass the license examination for Third Mate in order to graduate from Texas A&M University. Certain USCG courses require a minimum grade of C (70%).

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Fall Semester</th>
<th>(Th-Pr)</th>
<th>Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I A †</td>
<td>(3-3)</td>
<td>4</td>
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<tr>
<td>CHEM 101</td>
<td>Fundamentals of Chemistry I</td>
<td>(3-0)</td>
<td>3</td>
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<tr>
<td>CHEM 111</td>
<td>Fundamentals of Chemistry Laboratory I</td>
<td>(0-3)</td>
<td>1</td>
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<tr>
<td>MART 103</td>
<td>Basic Safety and Lifeboat Training **</td>
<td>(2-3)</td>
<td>3</td>
</tr>
<tr>
<td>MART 201</td>
<td>Naval Architecture I **</td>
<td>(2-2)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 141</td>
<td>Business Mathematics I ²</td>
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<table>
<thead>
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<th></th>
<th>(Th-Pr)</th>
<th>Cr</th>
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</thead>
<tbody>
<tr>
<td>BIOL 112</td>
<td>Introductory Biology II A †</td>
<td>(3-3)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102</td>
<td>Fundamentals of Chemistry II</td>
<td>(3-0)</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 112</td>
<td>Fundamentals of Chemistry Laboratory II</td>
<td>(0-3)</td>
<td>1</td>
</tr>
<tr>
<td>MART 203</td>
<td>Seamanship I **</td>
<td>(2-3)</td>
<td>3</td>
</tr>
<tr>
<td>MART 204</td>
<td>Terrestrial Navigation **</td>
<td>(2-2)</td>
<td>3</td>
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<tr>
<td>MATH 142</td>
<td>Business Mathematics II</td>
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<tr>
<td><strong>Total Hours</strong></td>
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**SUMMER TRAINING CRUISE** (see Texas A&M Maritime Academy section for cruise requirements)

MART 200 or NAUT 200 **3** .......................... (or 6)  

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>Fall Semester</th>
<th>(Th-Pr)</th>
<th>Cr</th>
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</thead>
<tbody>
<tr>
<td>CHEM 227</td>
<td>Organic Chemistry I</td>
<td>(3-0)</td>
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</tr>
<tr>
<td>CHEM 237</td>
<td>Organic Chemistry Lab</td>
<td>(0-3)</td>
<td>1</td>
</tr>
<tr>
<td>MARB 300</td>
<td>Scientific Methods †</td>
<td>(1-3)</td>
<td>2</td>
</tr>
<tr>
<td>NVSC 200</td>
<td>Merchant Marine Officer I ** Δ</td>
<td>(3-0)</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 201</td>
<td>College Physics.</td>
<td>(3-3)</td>
<td>4</td>
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<tr>
<td>Elective in American History</td>
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<tr>
<td><strong>Total Hours</strong></td>
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<table>
<thead>
<tr>
<th>Spring Semester</th>
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<th>(Th-Pr)</th>
<th>Cr</th>
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<tbody>
<tr>
<td>CHEM 228</td>
<td>Organic Chemistry II</td>
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<tr>
<td>CHEM 238</td>
<td>Organic Chemistry Lab II</td>
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<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
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<td>MART 301</td>
<td>Seamanship II ** ²</td>
<td>(2-3)</td>
<td>3</td>
</tr>
<tr>
<td>MART 303</td>
<td>Celestial Navigation **</td>
<td>(2-3)</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 202</td>
<td>College Physics.</td>
<td>(3-3)</td>
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<tr>
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**Shoreside Summer**

| ECON 203 | Principles of Economics | (3-0) | 3  |

61
ENGL 210  Technical and Business Writing ........................................ (3-0)  3
Elective in Language, Philosophy and Culture ........................................ 3
Total Hours ......................................................................................... 9

**JUNIOR YEAR**

**Fall Semester**

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<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>MARB 309</td>
<td>Biostatistics †</td>
<td>(2-2)</td>
<td>3</td>
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<tr>
<td>MARB 315</td>
<td>Natural History of Vertebrates †</td>
<td>(3-3)</td>
<td>4</td>
</tr>
<tr>
<td>MART 306</td>
<td>RADAR/ARPA/ECDIS **</td>
<td>(3-3)</td>
<td>4</td>
</tr>
<tr>
<td>MART 312</td>
<td>Marine Cargo Operations I **</td>
<td>(3-0)</td>
<td>3</td>
</tr>
<tr>
<td>MART 321</td>
<td>Maritime Law I **</td>
<td>(2-0)</td>
<td>2</td>
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<td>Total Hours</td>
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**Spring Semester**

<table>
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<tbody>
<tr>
<td>MART 304</td>
<td>Electronic Navigation **</td>
<td>(1-3)</td>
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<tr>
<td>MART 202 **</td>
<td>Naval Architecture II</td>
<td>(3-0)</td>
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<tr>
<td>or MART 305</td>
<td>Ship Construction and Stability **</td>
<td>(3-0)</td>
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<tr>
<td>MART 307</td>
<td>Global Maritime Distress Safety System **</td>
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<td>MART 406</td>
<td>Marine Cargo Operations II **</td>
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<td>POLS 206</td>
<td>American National Government</td>
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**SUMMER TRAINING CRUISE** (see Texas A&M Maritime Academy section for cruise requirements)

MART 300 or MART 350 or NAUT 300 **†** ........................................ 4 (or 6)†

**SENIOR YEAR**

**Fall Semester**

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<tr>
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<td>Cell Biology †</td>
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<td>MARB 425</td>
<td>Marine Ecology †</td>
<td>(3-3)</td>
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<tr>
<td>MART 410</td>
<td>Bridge Watchstanding **</td>
<td>(1-3)</td>
<td>2</td>
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<tr>
<td>POLS 207</td>
<td>State and Local Government</td>
<td>(3-0)</td>
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<td>Elective</td>
<td>in Creative Arts</td>
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**Spring Semester**

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<td>Ichthyology †</td>
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<tr>
<td>MARB 435</td>
<td>Invertebrate Zoology †</td>
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<td>MART 498</td>
<td>Maritime Medical Care **</td>
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<td>OCEG 251</td>
<td>Oceanography</td>
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<tr>
<td>Elective</td>
<td>in American History</td>
<td>(3-0)</td>
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<td></td>
<td>Total Hours</td>
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**SUMMER TRAINING CRUISE** (see Texas A&M Maritime Academy section for cruise requirements)

MART 400 or NAUT 400 **‡** ........................................ 4 (or 6)‡

Total Curriculum Hours\[1\] 150

**Notes for Marine Biology - License Option**

- All electives must be chosen in consultation with, and approved by, the student's academic advisor. Unless courses are specifically listed, see University Core Curriculum at [http://core.tamu.edu/](http://core.tamu.edu/) for a listing of course options for Communication; Mathematics; Life and Physical Sciences; Language, Philosophy and Culture; Creative Arts; American History; Government and Political Sciences; and Social and Behavioral Sciences. The 6-hour University Core Curriculum requirement for International and Cultural Diversity may be met with courses used to satisfy other degree requirements.

- A grade of "C" or better is required before advancing to upper level courses.

- † Indicates required courses in the Marine Biology License Option major. These courses will be used to compute the major GPR.

- ‡ Indicates required courses in the Marine Biology License Option major. These courses will be used to compute the major GPR.

- Other calculus or logic elective may be substituted with approval.

- ** Indicates license courses leading to a USCG/STCW license endorsement or sea time credit accrual which require a minimum grade of C (70%) or better to earn the endorsement or accrual. Midshipmen will be required to repeat the course until they earn a grade of C (70%) or better. MART 307 requires a grade of 75% or better.

- § - Designated writing intensive course.

- The total hours may be increased if the student is required to take remedial math, remedial English, foreign language or International and Cultural Diversity courses, or any of the six-hour cruise options. The six-hour cruise options (NAUT 209, 300, and 409 or MART 209, 300 and 400) do not add any required hours to the degree plan.
# Detail Requirements

**Information for Degree Evaluation**

This is NOT an official evaluation.

## Program Evaluation

**Limitation** Correspondence: No more than 14 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.

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<th>Program</th>
<th>[GV] 85 HAR-License Option</th>
<th>Catalog Term</th>
<th>Fall 2015 - Galveston</th>
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<td>Galveston Campus</td>
<td>Evaluation Term</td>
<td>Fall 2015 - Galveston</td>
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<td>College</td>
<td>Galveston Campus</td>
<td>Expected Graduation Date</td>
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<tr>
<td>Degree</td>
<td>Bachelor of Science</td>
<td>Request Number</td>
<td>Nov 10, 2015</td>
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<tr>
<td>Level</td>
<td>Undergraduate</td>
<td>Results as of</td>
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<tr>
<td>Major</td>
<td>Marine Biology</td>
<td>Minor(s)</td>
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<td>Concentrations</td>
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**Met Credits**

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<th>Required</th>
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</thead>
<tbody>
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<td></td>
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</table>

**Courses**

| Total Required | 0.00 |
| Program GPA    | .00  |
| Overall GPA    | .00  |
| Other Course Information | |
| Transfer       | 0.00 |
|                | 0.00 |

This is NOT an official evaluation.

## Area Major Coursework (33,000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met Condition Rule Subject</th>
<th>Attribute Low High Required Credits</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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<tr>
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<td>B. BIOL 112</td>
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<td>No</td>
<td>C. HAR-L 300</td>
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<tr>
<td>No</td>
<td>D. HAR-L 303</td>
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<td>E. HAR-L 310</td>
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<td>G. HAR-L 315</td>
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<td>H. HAR-L 425</td>
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**unofficial evaluation**

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<th>Area</th>
<th>License Courses (56,000 credits) - Met</th>
<th>Description</th>
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<table>
<thead>
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<th>Attribute Low High Required Credits</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
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<td>No</td>
<td>B. MAFT 200 or MAUT 200</td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>C. MATH 201</td>
</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>D. MATH 202 or MATH 305</td>
</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>E. MATH 203</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>F. MATH 204</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>G. MATH 300 or 350 or MATH 300</td>
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<td>No</td>
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<td>H. MATH 301</td>
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<td>No</td>
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<td>I. MATH 303</td>
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<td>No</td>
<td>AND</td>
<td>J. MATH 304</td>
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<td>No</td>
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<td>No</td>
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<td>M. MATH 312</td>
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<td>No</td>
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<td>N. MATH 321</td>
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<td>No</td>
<td>AND</td>
<td>O. MATH 400 or MATH 400</td>
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<td>P. MATH 466</td>
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<td>No</td>
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<td>Q. MATH 410</td>
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<td>R. MATH 408</td>
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<td>AND</td>
<td>S. MATH 200</td>
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</tbody>
</table>

**unofficial evaluation**

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

| No | AND | A. ENGL 104 |
| No | AND | D. CENG 210 |

**unofficial evaluation**

**Area: Mathematics (6.000 credits) - Not Met**

| No | AND | A. MATH Rqmt I 3hrs |
| No | AND | B. MATH Rqmt II 3hrs |

Select from MATH 141, 150, 152 166; PHIL 240.

Total Credits and GPA 0.000 .00
unofficial evaluation

Area  Life and Physical Sciences (27.000 credits) - Not Met

<table>
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<th>Condition Rule</th>
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<th>Attribute</th>
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<th>High</th>
<th>Required</th>
<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tr>
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<td>A.</td>
<td>CHEM 101</td>
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<td>1. 4hrs. Take CHEM 101.</td>
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<td>2. 4hrs. Take CHEM 101, 111.</td>
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<td>No</td>
<td>B.</td>
<td>CHEM 102</td>
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<td>1. 4hrs. Take CHEM 102.</td>
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<td>2. 4hrs. Take CHEM 102, 112.</td>
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<td>CHEM 227</td>
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<td>CHEM 233</td>
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<td>No</td>
<td>E.</td>
<td>CHEM 228</td>
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<td>No</td>
<td>F.</td>
<td>CHEM 233</td>
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<td>No</td>
<td>G.</td>
<td>OCRG 251</td>
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<td>H.</td>
<td>PHYS 201</td>
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<td>I.</td>
<td>PHYS 202</td>
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unofficial evaluation

Area  Language, Philosophy & Culture (3.000 credits) - Not Met

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<th>Attribute</th>
<th>Low</th>
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<th>Term Subject</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Lang., PHI, Culture Rqmt 3hrs</td>
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<td></td>
<td>Select any course with the Language, Philosophy and Culture attribute [L,PH].</td>
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unofficial evaluation

Area  Creative Arts (3.000 credits) - Not Met

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<th>Attribute</th>
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<th>High</th>
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<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Creative Arts Rqmt 3hrs</td>
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<td></td>
<td>Select three hours from any course with the Creative Arts attribute [ECRM].</td>
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unofficial evaluation

Area  Social and Behavioral Sciences (3.000 credits) - Not Met

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<th>High</th>
<th>Required</th>
<th>Courses</th>
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<th>Credits</th>
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<td>ECON 203</td>
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**Detail Requirements**

**Area: Citizenship (12.000 credits) - Not Met**

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<th>High</th>
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<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>American History</td>
<td>Reqt 6hrs</td>
<td>Select 6 hours from any course with the [KHS] attribute.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Political Science</td>
<td>Reqt 6hrs</td>
<td>Take POLS 206 and POLS 207.</td>
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</table>

Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Work Not Applied - Met**

**Description: See advisor for acceptable substitutions.**

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<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Credits</th>
<th>Courses</th>
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<th>Credits</th>
<th>Grade</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Courses not applied</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: University Writing Requirement - Not Met**

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<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Credits</th>
<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Writing Requirement</td>
<td></td>
<td>Select two courses with the Writing Requirement [UWRT] attribute.</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Int'l & Cult Diversity - Not Met**

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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
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<th>Required</th>
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<th>Courses</th>
<th>Term Subject</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Int'l &amp; Cultural Diversity</td>
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<td>6 hours required. Select from courses with the International and Cultural Diversity attribute [UDCB].</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Foreign Language - Not Met**

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<th>Attribute</th>
<th>Low</th>
<th>High</th>
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<th>Credits</th>
<th>Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Foreign Language</td>
<td>Reqt</td>
<td>Complete one of the following:</td>
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<td></td>
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<td></td>
<td></td>
<td>1. Two years of the same foreign language in High School.</td>
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<td>2. A two semester sequence of the same foreign language for University credit.</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation
### Area: GPR-Major - Not Met

**Description:** A minimum GPR of 2.400 must be maintained in all major field of study courses.

<table>
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<tr>
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<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Term</th>
<th>Subject Course</th>
<th>Title Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td></td>
<td>A. Major GPR 33hrs</td>
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<td>Includes BIL111, 112; MATH 100-499.</td>
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</table>

| Total Credits and GPA | 0.000 | .00 |

Unofficial evaluation

### Area: Residence Requirement - Not Met

**Description:** Student must complete minimum of 36 hours of 300-400 level course work at Texas A&M University, 12 hours must be in field of study.

<table>
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<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Term</th>
<th>Subject Course</th>
<th>Title Attribute</th>
<th>Credits</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td>A. Residence - Major 12hrs</td>
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<td>No</td>
<td>AND</td>
<td>B. Residence 24hrs</td>
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| Total Credits and GPA | 0.000 | .00 |

Unofficial evaluation

**Back to Display Options**
Texas Higher Education Coordinating Board
Request to Change Semester Credit Hours

Directions: An institution shall use this form to request a change in the number of semester credit hours (SCH) required for a degree program already on the institution's program inventory in accordance with Coordinating Board Rules, Chapter 5, Subchapter C, Section 5.55 - Revisions to Approved Programs.

Options:

1) Revisions that **reduce** the number of SCH require notification of change and affirmation that the reduction does not fall below the minimum requirements of the Southern Association of Colleges and Schools Commission on Colleges, program accreditors, and licensing bodies, if applicable.

2) Revisions that **increase** the number of SCH require detailed written documentation describing the compelling academic reason for the increase in the number of required hours.

**NOTE:** No request or notification is needed if revisions to the degree program curriculum do not result in a change in SCH.

Options 1 and 2 require the signature of the Provost or Chief Academic Officer.

Please submit **Request to Change Semester Credit Hour** via the Online Submission Portal: https://www1.thecb.state.tx.us/apps/proposals/

Information: Contact the Division of Workforce, Academic Affairs and Research at 512/427-6200.

---

**Administrative Information**

1. **Institution:** Texas A&M University at Galveston

2. **Program Name:** Bachelor of Science degree in Marine Biology-License Option

3. **Program CIP Code:** 26.1302.00

4. **Contact Person:**

   Name: Dr. John Schwarz  
   Title: Department Head  
   E-mail: schwarzj@tamug.edu  
   Phone: 409-740-4453

---

WAAR  
Updated 1.26.12
Form for SCH Changes
Page 2

Notification/Request for Change in Semester Credit Hours (SCH):

Current SCH: __________ 151 __________

Proposed SCH: __________ 150 __________

Implementation Date: __________ August 2016 __________

Complete Option 1 or 2 as appropriate

Option 1: Reduction in Semester Credit Hours

Is the change in the number of SCH compatible with the requirements of accreditation for the program?

a. Southern Association of Colleges and Schools Commission on Colleges
   ☒ YES ☐ NO

b. Program Accreditor(s)
   ☒ YES ☐ NO ☐ NA
   Name of Program Accreditor: __________ U.S. Coast Guard __________

c. Licensing Body(ies)
   ☒ YES ☐ NO ☐ NA
   Name of Licensing Body(ies): __________ U.S. Coast Guard __________

Option 2: Increase in Semester Credit Hours.
Provide detailed documentation, such as changes in accrediting agency or licensing body requirements, workforce needs, or academic professional standards and needs, describing a compelling reason for the change in the number of SCH:

Signature of Compliance

I hereby certify that all of the above changes have been approved in accordance with the procedures outlined in Coordinating Board Rules, Chapter 5, Subchapter C, Section 5.55.

Provost/Chief Academic Officer ___________________________ Date ___________________________
SPECIAL CONSIDERATION
SPECIAL CONSIDERATION

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
DEPARTMENT OF RECREATION, PARK AND TOURISM SCIENCES
B.S. IN COMMUNITY DEVELOPMENT
REQUEST TO DISCONTINUE DEGREE PROGRAM
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (e.g., DPM, JD, MD, etc.)

2. Request change for:
☑ Degree Program ☐ Minor ☐ Certificate

3. Request submitted by (Department or Program Name):
Recreation, Park and Tourism Sciences

Program Designation and Name:
(e.g., B.A. in History, Minor in History, Certificate in European Union):
B.S. in Community Development

4. Brief description of change: Degree will not be offered at the conclusion of the Teach-Out plan.

5. Rationale for change: Student numbers have dropped to 16, despite concerted efforts to recruit new students; five of these students will graduate in December 2015. The faculty member who has been teaching courses in CDEV is needed to teach high-demand RPTS undergraduate and graduate courses.

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

7. a. Proposed curriculum attached.

b. Current catalog curricula with handwritten edits attached.

c. Current Howdy degree evaluation with handwritten edits attached.

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hour change (increase/decrease) due to the proposed curriculum changes?

b. If yes, degree program hours will change from: ______ to: ______

c. If yes, is the Texas Higher Education Coordinating Board form attached?
http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

9. If proposed changes affect other unit(s), are letters of support attached?

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-Student) 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:

Gary D. Ellis, PhD
Department Head or Program Chair (Type Name & Sign) Date

Kim Dorley
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
Teach-out Plan

B.S. in Community Development
Agriculture and Life Sciences
Texas A&M University

Adapted from the Southern Association of Colleges and Schools Commission on Colleges Substantive Change for Accredited Institutions of the Commission of Colleges.

1. Date of program closure.

        June 2019

2. An explanation of how affected parties (students, faculty, staff) will be informed of the impending closure.

        The 16 students majoring in CDEV will receive notification by email, and will be required to have an individual advising appointment with their academic advisor. The RPTS faculty members were involved in the decision. The SOCI professor who teaches a co-listed course will be informed by telephone by our Associate Department Head for Undergraduate Programs.

3. An explanation of how students will be helped to complete their programs of study with minimal disruption or additional expense.

        The six students who have not yet taken RPTS 308 will be advised to take it in Spring 2016, as this is the last time the course will be offered. RPTS 408 will not be offered again; the five students who have not yet taken it will be advised to select from appropriate substitutions. All other courses in the degree plan will be offered regularly through 2019

4. Signed copies of teach-out agreements with other institutions, if any.

        N/A

5. How faculty and staff will be redeployed or helped to find new employment

        One full-time faculty member has been responsible for teaching CDEV courses and managing the major. The department has pressing needs for this professor to teach high-demand courses in RPTS (both undergraduate and graduate), and he has expressed enthusiasm for teaching new courses.
6. If closing an institution, arrangement for the storing of student records, disposition of final financial resources and other assets.

N/A

7. Please provide the following additional information:
   a. How many students are currently enrolled in the program?

      Sixteen students are currently enrolled; five will graduate in December 2015; no qualified applicants applied for CDEV in Fall 2015.

   b. Projected graduation date for the last student(s) in the program?

      Spring 2019

NOTE: If students will not be moved to another program, you will need to extend the program closure date in order to continue to award degrees to current students under the existing program.
SPECIAL CONSIDERATION

COLLEGE OF ARCHITECTURE
DEPARTMENT OF ARCHITECTURE
MINOR IN ARCHITECTURAL FABRICATION AND PRODUCT DESIGN
REQUEST FOR A NEW MINOR
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Architectural Fabrication and Product Design

Department: Architecture

College: Architecture

Will grant a minor [Y] Yes [N] No  Academic Year: 2016-17

A selection from among the following courses will constitute a minor field of study.

A. The following 6 hours of course work are required.

ENDS 101

ARCH 216

B. Select 9 hours from the following courses.

ARCH 353

ARCH 381

ARCH 317

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 15 hours required.

Minimum of 6 hours at 300- to 400-level

C or better in all classes

Reviewed and approved by:

[Signatures]

Department Head/Program Director  Date  AOC Dean of College  Date
MINOR IN ARCHITECTURAL FABRICATION AND PRODUCT DESIGN

DEPARTMENT OF ARCHITECTURE
COLLEGE OF ARCHITECTURE – TEXAS A&M UNIVERSITY

The Department of Architecture is proposing a minor in Architectural Fabrication and Product Design, offered under the Bachelor of Environmental Design Architectural Studies degree. The minor in Architectural Fabrication and Product Design can serve as a complement to several major fields of study and is open to all Texas A&M University undergraduates. The structure of the minor encourages students to gain a broad understanding of the terminology, history, prototyping, and professional practices in Architectural Product Design. The minor includes six (6) credit hours of foundation coursework and nine (9) credit hours of design, theory and practice coursework.

The Minor is made up of 15 credits of coursework as follows:

**Foundation courses:**
*ENDS 101 – Design Process*  
3 cr.  
An Introduction to design processes, issues and theories relevant to design and creativity.

*ARCH 216 – Computational Methods in Architecture*  
3 cr.  
This course will introduce students to computational tools, strategies, and processes relevant to the design of buildings and products.

**Design Theory and Practice:**
*ARCH 353 - History of Product Design*  
3cr.  
This course is currently being taught as ARCH 489 Special Topics course enrolling approximately 19 students during Fall 2015.

*ARCH 381 NEW COURSE) Design Seminar (1 cr. repeat 3 times for 3 cr. Total)*  
3 cr.  
This course is made up of presentations by and discussions with professionals representing areas of industrial design, academic, and career futures in Industrial Design.

*ARCH 317 – Digital Fabrication for Architecture*  
3 cr.  
This course will introduce students to numerically controlled tool processes, software for fabrication, and materials for fabrication, supporting a course-based project integrating the knowledge previously acquired in the minor course of study.

**Total**  
15 cr.

At this time there are no electives included in the minor, this will be revisited on a regular basis for revision and addition of new and relevant courses.
As currently envisioned, all coursework in the minor is to be undertaken while in residence at Texas A&M University’s College Station Campus.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
<th>Core Curriculum</th>
<th>Prerequisites</th>
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<tr>
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<td>History of Product Design</td>
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<td>ARCH 381</td>
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<tr>
<td>ARCH 317</td>
<td>Digital Fabrication for Architecture</td>
<td>3</td>
<td></td>
<td>ARCH 216</td>
</tr>
</tbody>
</table>

NOTES:

1. Coordination with Bachelor of Environmental Design – Architecture (B.E.D.) Degree Plan
   For students pursuing the B.E.D. degree, coursework listed above may be applied to general or free electives but may not be applied to directed electives on the B.E.D. degree.

2. Students must complete a minimum of 9 hours in residence at the 300-400 level.

Application: Students must receive signed approval from the Department of Architecture Undergraduate Advisor or the Academic Advisor for the minor. After approval, application is completed in the student’s home college or major department.

Eligibility: Students applying for a minor in Architectural Fabrication and Product Design must have a 2.0 or better overall GPR. Some colleges and departments outside the College of Architecture do not permit their students to minor.

Satisfactory completion of a course: To be awarded the minor in Architectural Fabrication and Product Design and receive transcript recognition, students must obtain a "C" or better in each course listed above.
Transfer courses: The student's home college or major department may grant, with the agreement from the Department of Architecture, the transfer of one upper division course, subject to approval by the Department of Architecture Associate Head for Undergraduate Studies. A course syllabi and samples of the students work in the class must be submitted for review in order to be considered for transfer credit.

Effective date: The minor becomes effective at the beginning of the Fall Semester of 2016. Students declaring a minor in Architectural Fabrication and Product Design must meet all requirements listed in this document to receive transcript recognition.

Advising: The student’s home college or major department is responsible for advising students pursuing a minor in Architectural Fabrication and Product Design.

Degree Audit: The degree audit in Compass will certify during the semester of their graduation that students have met the requirements for the minor. The minor will be recognized after graduation on the transcript, but not on the diploma. Once declared, minor requirements become graduation requirements.

Name:.................................................. Date:........................

UIN:.................................................. MAJOR:

Email:............................................

Expected Graduation

Date:......................

Office Use Only:

Application was reviewed and approved by the Department of Architecture:

Student GPR above 2.0 YES........ NO........

Academic Advisor, College of Architecture Date
SPECIAL CONSIDERATION

COLLEGE OF ARCHITECTURE

DEPARTMENT OF CONSTRUCTION SCIENCE

MINOR IN LEADERSHIP IN THE DESIGN AND CONSTRUCTION PROFESSIONS

REQUEST FOR A NEW MINOR
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Leadership in the Design & Construction Professions

Department: Construction Science

College: Architecture

Will grant a minor ☑ Yes ☐ No Academic Year: 2016-2017

A selection from among the following courses will constitute a minor field of study.

A. The following 3 hours of course work are required.
   COSC 310
   COSC 410
   COSC 411

B. Select 12 hours from the following courses.
   COSC 353, 333, 463, 465, 475
   Construction Science Capstone (COSC 440, 441, 442, 443 or 446)
   ARCH 305, 405, 406, 451, 457
   ENDS 101
   LAND 321, 421, 442
   URPN 202, 401, 483, 493
   ViST 305, 405

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 15 hours required.

Minimum of 6 hours at 300- to 400-level

2.5 or higher TAMU overall GPA

C or better in all classes

Reviewed and approved by:

Department Head/Program Director Date AOC Dean of College Date
SPECIAL CONSIDERATION

COLLEGE OF ARCHITECTURE
DEPARTMENT OF VISUALIZATION
MINOR IN GAME DESIGN AND DEVELOPMENT
REQUEST FOR A NEW MINOR
Name of Minor Program: Game Design & Development

Department: Visualization

College: Architecture

Will grant a minor: Yes □ No □ Academic Year: 2016-17

A selection from among the following courses will constitute a minor field of study.

A. The following 10 hours of course work are required.
   - CSCE 110/111 (CSCE 121 for CSCE majors)
   - CSCE 443/VIST 487 (CSCE 443 crosslisted as VIST 487)
   - CSCE 441 or VIST 486

B. Select 6 hours from the following courses.
   - COMM 230
   - VIST 374
   - COMM 453
   - VIST 370
   - CSCE 436

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 16 hours required.

Minimum of 6 hours at 300- to 400-level

Minimum GPA of 3.2 for admittance into the minor

A grade of C or better in all courses taken in the minor

Reviewed and approved by:

Department Head/Program Director          Date          AOC Dean of College          Date
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Game Design & Development

Department: Visualization

College: Architecture

Will grant a minor [ ] Yes [ ] No Academic Year: 2016-17

A selection from among the following courses will constitute a minor field of study.

A. The following 9 hours of course work are required.
   CSCE 110/111 (CSCE 121 for CSCE majors)
   CSCE 441 or VIST 486
   CSCE 443/VIST 487 (CSCE 443 crosslisted as VIST 487)

B. Select 9 hours from the following courses.
   COMM 230
   VIST 374
   COMM 453
   VIST 370
   CSCE 436

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 8 hours required.

Minimum of 6 hours at 300- to 400-level

Minimum GPA of 3.2 for admittance into the minor

A grade of C or better in all courses taken in the minor

Reviewed and approved by:

[Signature] 11/26/15 Department Head/Program Director

[Signature] 10/28/15 AOC Dean of College
Dick,

I got no substantial comments back about the gaming minor. The only real comment was about the absence of CSCE 445 (Computers and New Media). But I seem to remember that being in the proposal and being taken out based on something someone else in CS said. I could be wrong though. Anyway, it appears you have the blessing of the CS department (or at least the absence of negative comments which is just as good).

Scott Schaefer
Texas A&M University

Hi Scot:
Hope all is well.
I know people tend to be scattered this time of year BUT:
Just wondering about the status of the minor proposal.
I still need to check again with Nancy Street over in COMM re: their course offerings.
But I am thinking if we can get a tentative blessing from both COMM and CSCE, we can spread the word about the impending minor and students can begin enrolling in those classes, even though it may not be official for a while.
Dick
Hi, Dick!

Thanks! Hope all is well with you!

Yes, this looks good but with one edit. COMM 453 is titled Communication and Video games. The part you have in parentheses is a good brief description.

Best,
Nancy

Hi Nancy:
Dick Davison here (from Viz). Hope all is well.
I know people tend to be scattered this time of year BUT:
Just updating you on the status of the gaming minor proposal.
We are still looking over the proposal as you see it (attached).
I am thinking that if we can get a tentative blessing from both COMM and CSCE, we can spread the word about the impending minor and students can begin enrolling in those classes, even though it may not be official for a while.
Please let me know what you think.
Best wishes
Dick D
SPECIAL CONSIDERATION

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT
DEPARTMENT OF HEALTH AND KINESIOLOGY
BS IN KINESIOLOGY AND MS IN ATHLETIC TRAINING
REQUEST FOR A NEW 3+2 PROGRAM
October 15, 2015

To: Tim Scott  
Chair, Undergraduate Curriculum Committee

Through: George Cunningham  
Associate Dean, College of Education and Human Development

Chris Cherry  
Assistant Dean, College of Education and Human Development

From: Richard Kreider  
Department Head, Health and Kinesiology

Subject: 3+2 Proposal: BS-KINE/MS-ATTR

Attached is a proposal for a 3+2 degree program leading to a BS in Kinesiology and an MS in Athletic Training. This proposal has been approved by the Kinesiology faculty, Undergraduate Curriculum Committee and graduate faculty in the Department of Health and Kinesiology.
3+2 Program for the Bachelor of Science in Kinesiology and the Masters of Science in Athletic Training Dual Degree Program

The Department of Health and Kinesiology proposes a new dual degree program that allows undergraduate Kinesiology majors to enter the Master of Science in Athletic Training program at the beginning of their fourth year at Texas A&M University. This provides the opportunity to earn both a Bachelor of Science in Kinesiology and a Master of Science in Athletic Training in five years. Currently the department hosts a two year post-baccalaureate master’s degree that is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). This dual degree program will allow Texas A&M to recruit highly talented high school students interested in athletic training who currently seek admission to accredited undergraduate athletic training programs of which there are 13 within the state and 333 nationally. Because Texas A&M does not host an accredited undergraduate program, we are unable to recruit high school students into an athletic training program. Additionally, future changes to athletic training education nationally will move the entry-level degree in athletic training from a bachelor’s to a master’s degree within the next 7 years. Currently, there are only 4 CAATE accredited master’s programs in Texas and 35 nationally. However, with the required change to the master’s as the entry-level degree, a large percentage of the undergraduate programs will move to become master’s programs. Therefore, there will be greater competition for students as more graduate athletic training programs are developed. Many of those programs will be developed as 3+2 programs which currently comprise less than 30% of athletic training graduate programs. Having two routes to the professional level program will advantageously position our program into the future.

Application and Eligibility:

- Students will follow departmental requirements for admission into the professional phase of the BS in Kinesiology in order to enroll in professional level KINE courses (KINE 426, KINE 433, KINE 482). Once accepted into professional phase, a student’s major will be changed from EDKI to KINE.
- Interested students MUST apply to the MSAT program by February 1 of their junior year at Texas A&M. The MSAT program has a competitive admission process with only 16 seats available each year. However, seats will be reserved for 3+2 applicants that meet all minimum application standards. Any seats remaining will be filled by 4+2 applicants.
- 3+2 applicants must have a minimum undergraduate GPA of 3.25 and maintain this through 24 hours of graduate work at which time a 3.0 must be maintained for retention in the MSAT program.
- 3+2 applicants must receive a B or better in ATTR 201, ATTR 202, ATTR 301, ATTR 302 (new courses to be proposed).
- 3+2 applicants will follow the same MSAT application procedures as 4+2 applicants.

10/2/2015
• Students continuing into the 4th year of the 3+2 program must finish the entire 156 hours to obtain both the Bachelor’s and Master’s degrees. These students will be conferred with two degrees once they complete the 5th year of the concurrent program.
• Students in the 3+2 program will be required to complete the same two-year, 60 hours curriculum as other students admitted to the MSAT program.
• Students continuing in the 3+2 program will change from U4 to G7 status when they complete 96 hours (end of spring semester, year 3).
• Students will take 96 hours of undergraduate courses, and 60 hours of graduate course work, of which 24 hours will be applied to the undergraduate degree.
• Students not accepted or not allowed to continue with the 3+2 program will complete the remaining requirements for the BS degree in Kinesiology in a concentration that is most suitable to their needs (e.g., Motor Behavior, Applied Exercise Physiology). These students may apply to the traditional (4+2) graduate degree program.

3+2 Time Line:
• Apply to professional phase of KINE program in order to enroll in professional level KINE courses: by October 1 of junior year
• Once accepted into professional phase of KINE, major will be changed from EDKI to KINE allowing enrollment in KINE professional phase courses (KINE 426, 433, 482)
• Apply to MSAT program: by February 1 of junior year
• Change to graduate status (G7) after completion of 96 credits: after spring semester of 3rd year
• Apply for graduate degree plan upon approval of G7 status
• Graduation: both Bachelor’s and Master’s degrees conferred upon completion of Year 5

Degree Requirements: Bachelor of Science in Kinesiology

Major Coursework - 40
Undergraduate courses - 16
2 KINE 121 Physical and Motor Fitness Assessment
1 KINE 120 Health and Fitness
1 KINE 199 Resist Flex
1 KINE 199 Aerobic Mvmt
3 KINE 213 Foundations of Kinesiology
4 KINE 426 Exercise Biomechanics
3 KINE 433 Exercise Physiology
1 KINE 482 Writing Seminar

10/2/2015
Graduate courses – 24

3 ATTR 660 Prev and Care
1 ATTR 661 Prev and Care Lab
2 ATTR 651 Clin Edu I
3 ATTR 652 Clin Edu II
3 ATTR 662 Clin Exam LE
1 ATTR 663 Clin Exam LE Lab
3 ATTR 668 Ther Mod
1 ATTR 669 Ther Mod Lab
3 ATTR 664 Clin Exam UE
1 ATTR 665 Clin Exam UE Lab
3 ATTR 653 Clin Educ III

Support Courses - 15

2 HLTH 216 First Aid
3 HLTH 231 Healthy Lifestyles
3 HLTH 354 Medical Terminology
3 NUTR 202 Fundamentals of Nutrition
1 ATTR 201 Field Experience in Athletic Training I (new course)
1 ATTR 202 Field Experience in Athletic Training II (new course)
1 ATTR 301 Field Experience in Athletic Training III (new course)
1 ATTR 302 Field Experience in Athletic Training IV (new course)

University Core Curriculum and Science Foundation Requirements - 65

ENGLISH AND SPEECH (6)

3 ENGL 104 or ENGL 103
3 ENGL 210 or COMM 203, 205, or 243

MATH (6)

3 MATH 141
3 MATH 131

SCIENCE (32)

4 BIOL 111
4 BIOL 112
4 CHEM 101/111
4 CHEM 102/112
4 PHYS 201

10/2/2015
4 PHYS 202
4 BIOL 319#
4 BIOL 320#
# courses must be taken at Texas A&M

1HISTORY (6)

POLITICAL SCIENCE (6)

3 POLS 206
3 POLS 207

SOCIAL AND BEHAVIORAL SCIENCE (3)

3 PSYC 107

1CREATIVE ARTS (3)

1LANGUAGE, PHILOSOPHY AND CULTURE ELECTIVE (3)

1 Refer to core.tamu.edu. All electives must satisfy University Core Curriculum. Some electives may meet the International and Cultural Diversity requirements.

Master of Science in Athletic Training courses – 60 credits

Required Research Core (7 hours):

2KINE 601  Reading Research (Research Methods) 3
KINE 690S  Theory of Kinesiology (Statistics) 3
2KINE 681  Seminar 1

Required Athletic Training Core (53 hours):

2ATTR 660  Prevention and Care of Injuries 3
2ATTR 661  Prevention and Care of Injuries Lab 1
2ATTR 662  Clinical Examination and Diagnosis-Lower Extremity 3
2ATTR 663  Clinical Examination and Diagnosis-Lower Extremity Lab 1
ATTR 664  Clinical Examination and Diagnosis-Upper Extremity 3
ATTR 665  Clinical Examination and Diagnosis-Upper Extremity Lab 1
ATTR 666  Physical Rehabilitation 3
ATTR 667  Physical Rehabilitation Lab 1
2ATTR 668  Therapeutic Modalities 3
2ATTR 669  Therapeutic Modalities Lab 1
ATTR 670  General Medical Conditions and Therapeutic Medication 3
ATTR 671  Organization and Administration in Athletic Training 3
ATTR 672  Professional Preparation and Issues in Athletic Training 3

10/2/2015
ATTR 673  Manual Therapy in Athletic Training (*new course*)  2
2ATTR 651  Clinical Education I  2
2ATTR 652  Clinical Education II  3
2ATTR 653  Clinical Education III  3
ATTR 655  Clinical Education V  3
ATTR 656  Clinical Education VI  3
KINE 628  Nutrition in Sports and Exercise  3
KINE 629  Physiology of Strength and Conditioning  3
KINE 685  Directed Studies  2

2Courses will be applied to BS-KINE degree
Draft Course Rotation Plan:

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<tr>
<th>Undergraduate Phase</th>
<th>Year One</th>
<th></th>
<th>Year Two</th>
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<td><strong>Spring</strong></td>
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<td>MATH 131 Calculus</td>
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<td>HIST 105 US History</td>
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<td>HIST 106 US History</td>
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<tr>
<td>KINE 121 Phys Mot Fit Assess</td>
<td>2</td>
<td>KINE 213 Found of KINE</td>
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<tr>
<td>KINE 199 Majors Resist Flex</td>
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<td>KINE 120 Hlth and Fitness</td>
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**Summer Session I**  
*May elect to take PHYS or CHEM to reduce Fall load*

| **Fall**            |          | **Spring**            |          |
| PHYS 201 College Physics | 4 | PHYS 202 College Physics | 4 |
| CHEM 101/111         | 4        | CHEM 102/112          | 4        |
| PSYC 107 Intro to Psych | 3     | Lang, Cult, Phil     | 3        |
| Creative Arts        | 3        | HLTH 231 Healthy Lifestyles | 3 |
| HLTH 216 First Aid   | 2        | KINE 199 Maj Aerobic Mvmt | 1 |
| ATTR 201 Field Exp Ath Tr I* | 1 | ATTR 202 Field Exp Ath Tr II* | 1 |

**Summer Session I**  
*May elect to take PHYS or CHEM to reduce Fall load*

| **Fall**            |          | **Spring**            |          |
| BIOL 319 A&P I      | 4        |                      |          |

**Undergraduate Phase**  
*Students apply to professional phase by February 1.*

| **Fall**            |          | **Spring**            |          |
| BIOL 320 A&P II     | 4        | POLS 207 State Local Gov | 3 |
| POLS 206 Am Nat Gov | 3        | KINE 426 Ex Biomech    | 4        |
| HLTH 354 Med Term   | 3        | KINE 433 Ex Phys       | 3        |
| NUTR 202 Fund Nutr  | 3        | KINE 482+Writing Seminar | 1 |
| ATTR 301 Field Exp Ath Tr I* | 1 | ATTR 302 Field Exp Ath Tr II* | 1 |

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<tr>
<td></td>
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<td>³ATTR 661 Prev and Care Lab</td>
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<td>³ATTR 651 Clin Edu I</td>
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**Graduate Phase**  
*Year Four*

| **Fall**            |          | **Spring**            |          |
| ³ATTR 652 Clin Educ II | 3 | ³ATTR 653 Clin Educ III | 3 |

10/2/2015
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<td>KINE 601 Reading Research</td>
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<td>KINE 681 Seminar</td>
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<td>KINE 628 Sports Nutr</td>
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<td>KINE 690 Statistics</td>
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<td>ATTR 666 Phys Rehab</td>
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<td>ATTR 670 Gen Med</td>
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<td>ATTR 673 Man Ther Athl Tr*</td>
<td>2</td>
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<tr>
<td>KINE 685 Directed Studies</td>
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<td>13</td>
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</tbody>
</table>

### Graduate Phase Year Five

#### Summer I
- KINE 628 Sports Nutr: 3 credits
- KINE 690 Statistics: 3 credits

#### Fall
- ATTR 655 Clin Educ V: 3 credits
- ATTR 666 Phys Rehab: 3 credits
- ATTR 667 Phys Rehab lab: 1 credit
- ATTR 670 Gen Med: 3 credits
- ATTR 673 Man Ther Athl Tr*: 2 credits
- KINE 685 Directed Studies: 1 credit

#### Spring
- ATTR 656 Clin Educ VI: 3 credits
- ATTR 672 Prof Prep: 3 credits
- KINE 629 Phys of S&C: 3 credits
- KINE 685 Directed Studies: 1 credit

#### Summer II

### Notes:
- Students will be encouraged to take any of the 4 credit science courses during the Summer Sessions, including BIOL 319/320 to diminish the heavy semester loads during Years 2 and 3.
- *Newly proposed courses

2Courses will be applied to BS-KINE degree
SPECIAL CONSIDERATION

Dwight Look College of Engineering
Minor in Cybersecurity
Request for a new minor
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Cybersecurity

Department: Dwight Look College of Engineering

College: Dwight Look College of Engineering

Will grant a minor [ ] Yes [ ] No
Academic Year: 2016

A selection from among the following courses will constitute a minor field of study.

A. The following 11 hours of course work are required.
   CSCE 206 (or CSCE 221) TCMG 308
   CSCE 110 (or CSCE 121)

B. Select 6 hours from the following courses.
   See Appendix A for course listings

   ____________________________________________________
   ____________________________________________________
   ____________________________________________________
   ____________________________________________________
   ____________________________________________________
   ____________________________________________________

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 17 hours required.

Minimum of 6 hours at 300- to 400-level

(1) Minimum required GPA to declare minor is a 2.5, (2) Obtain a "C" or better in each course taken towards minor, (3) Achieve overall GPA of 2.5 in approved minor coursework.

Reviewed and approved by:

[Signature] [Signature]
Department Head/Program Director AOC Dean of College
Date Date

RECEIVED
EASA
NOV 16 2015

CURRICULAR SERVICES
RECEIVED
NOV 20 2015
Appendix A- Cybersecurity Minor

To earn a minor in cybersecurity, a student must complete a minimum of 17 credit hours that includes the prerequisite programming and cybersecurity foundational courses (CSCE 206 or 221, CSCE 110 or 121, TCMG 308) as well as 2 elective courses totaling 6-8 credit hours selected from the following 4 categories:

1) Courses providing additional engineering discipline exposure and experiences to enhance student understanding of cybersecurity. Courses matching (1) include: CSCE 410, CSCE 431, CSCE 434, CSCE 463, CSCE 464, CSCE 465, ECEN 424, ESET 315, and ESET 415.

2) Courses providing background in forensic investigations and methodology of collecting and preserving forensic data. Courses matching (2) include FIVS 123 and FIVS 205.

3) Courses providing applied information technology skills including cybersecurity in workplace utilization and business analysis scenarios. Courses matching (3) include ISYS 310, ISYS 315, ISYS320, TCMG 303, TCMG 316, and TCMG 476.

4) Courses providing additional theory to hone application skills. The courses listed under this category provide and additional theoretical framework directly applicable to enhancing cybersecurity awareness, policy, and skillset. Courses matching (4) include MATH 470, MATH 471, and POLS 447.

Elective list summary (students must take 2 courses from the following list):

<table>
<thead>
<tr>
<th>CSCE 410</th>
<th>CSCE 431</th>
<th>CSCE 434</th>
<th>CSCE 463</th>
<th>CSCE 464</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCE 465</td>
<td>ECEN 424</td>
<td>ESET 315</td>
<td>ESET 415</td>
<td>FIVS 123</td>
</tr>
<tr>
<td>FIVS 205</td>
<td>ISYS 310</td>
<td>ISYS 315</td>
<td>ISYS 320</td>
<td>MATH 470</td>
</tr>
<tr>
<td>MATH 471</td>
<td>POLS 447</td>
<td>TCMG 303</td>
<td>TCMG 316</td>
<td>TCMG 476</td>
</tr>
</tbody>
</table>
DEPARTMENTAL LETTERS OF SUPPORT
MINOR IN CYBERSECURITY
MEMORANDUM

November 16, 2015

TO: Dr. Dilma DaSilva, Department Head
    Department of Computer Science and Engineering

FROM: Dr. Daniel J. Ragsdale, Director, Texas A&M Cybersecurity Center, and
      Professor of Practice

SUBJECT: New Minor in Cybersecurity

Significant data breaches are revealed in the news almost daily and, sadly, are becoming all too routine. As a result, there is now a groundswell of demand, growing daily, for a more cyber savvy workforce and, more specifically, for a corps of well-educated cybersecurity professionals. These professionals, who, in the past, came almost exclusively from the ranks of Computer Science, Computer Engineering, or Management Information Systems majors, are now being drawn from a pool of recent graduates with degrees in an increasingly diverse set of academic majors. Many of our key partners in industry are asking us to move quickly to prepare our graduates for careers in cybersecurity professions and, more broadly, to help contribute to the development of a workforce that fully appreciate the increasing threat posed by malicious cyber actors.

Fortunately, there is a significant, but underserved, level of interest among many of our students and faculty who wish to learn more about this vitally important field. These students and faculty include those who are interested in the deeply technical aspects of the field, as well as those who are interested in the human dimensions of cybersecurity. In general terms, we hope to leverage the intense interest of these students and faculty and, at the same time, address the increasing demand for cyber savvy graduates. Withal, the purpose of the Cybersecurity minor is to substantially increase the number of graduates who possess some of the knowledge and skills necessary to address the ever-evolving threats posed by malicious actors and groups in cyberspace.

The Cybersecurity minor is designed to appeal to both less technically-oriented and more technically-oriented undergraduate students, across multiple departments, in multiple colleges. All students who enroll in the minor, including less-technically oriented students, will acquire a basic understanding of programming and a firmly grounded understanding of cyber ethics. Due to the interdisciplinary nature of cybersecurity, we are able to identify 20 undergraduate elective courses from across the University that include relevant cybersecurity content. The inclusion of these courses in the minor, as elective coursework, will allow students to specialize in the area of cybersecurity that is most closely aligned with their respective interests and their degree plans.
We request and would greatly appreciate your support from the Department of Computer Science and Engineering for this new minor, to include the specific coursework as outlined below:

- CSCE 110 - for non-majors (core requirement)
- CSCE 206 - for non-majors (core requirement)
- CSCE 121 – for majors (core requirement)
- CSCE 221 - for majors (core requirement)
- CSCE 410 (elective)
- CSCE 431 (elective)
- CSCE 434 (elective)
- CSCE 463 (elective)
- CSCE 464 (elective)
- CSCE 465 (elective)

Daniel J. Ragsdale, Ph.D.
Director, Texas A&M Cybersecurity Center and Professor of Practice
Texas Engineering Experiment Station Service (TEES) and the Department of Computer Science and Engineering
ECEN 424

-------- Forwarded message --------
From: Miroslav Begovic <begovic@ece.tamu.edu>
Date: Mon, Nov 16, 2015 at 12:10 AM
Subject: Re: Cybersecurity Minor
To: Daniel "Rags" Ragsdale <rags@tamu.edu>
Cc: Le Xie <le.xie@tamu.edu>, Steve Wright <smwright@tamu.edu>, "Karsilayan, Aydin I" <karsilay@ece.tamu.edu>, "Hanson, Debra C" <d-hanson@tamu.edu>

Dear Prof. Ragsdale,

As per your request, I would like to inform you that the Department of Electrical and Computer Engineering supports interdisciplinary undergraduate Cybersecurity Minor as proposed by the Department of Computer Science and Engineering. We would all, of course, like to learn more about the details, but in principle, I believe that I speak on behalf of all of my colleagues when I express support for the initiative.

Best regards,
Miroslav
November 16, 2015

MEMORANDUM

TO: Dr. Reza Langari, Department Head, Department of Engineering Technology & Industrial Distribution

FROM: Dr. Daniel J. Raysdale, Director, Texas A&M Cybersecurity Center, and Professor of Practice

SUBJECT: New Minor in Cybersecurity

Significant data breaches are revealed in the news almost daily and, sadly, are becoming all too routine. As a result, there is now a groundswell of demand, growing daily, for a more cyber savvy workforce and, more specifically, for a corps of well-educated cybersecurity professionals. These professionals, who, in the past, came almost exclusively from the ranks of Computer Science, Computer Engineering, or Management Information Systems majors, are now being drawn from a pool of recent graduates with degrees in an increasingly diverse set of academic majors. Many of our key partners in industry are asking us to move quickly to prepare our graduates for careers in cybersecurity professions and, more broadly, to help contribute to the development of a workforce that fully appreciate the increasing threat posed by malicious cyber actors.

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The Cybersecurity minor is designed to appeal to both less technically-oriented and more technically-oriented undergraduate students, across multiple departments, in multiple colleges. All students who enroll in the minor, including less-technically oriented students, will acquire a basic understanding of programming and a firmly grounded understanding of cyber ethics. Due to the interdisciplinary nature of cybersecurity, we are able to identify 20 undergraduate courses from across the University that include relevant cybersecurity content. The inclusion of these courses in the minor, as elective coursework, will allow students to specialize in the area of cybersecurity that is most closely aligned with their respective interests and their degree plans.

We request and would greatly appreciate your support from the Department of Information & Operations Management for this new minor, to include the specific coursework as outlined below:
• ESET 315
• ESET 415

Daniel J. Ragsdale, Ph.D.
Director, Texas A&M Cybersecurity Center and Professor of Practice
Texas Engineering Experiment Station Service (TEES) and the Department of Computer Science and Engineering
5 November 2015

MEMORANDUM

To: Dr. Daniel J. Ragsdale, Director, Texas A&M Cybersecurity Center, and Professor of Practice
From: Dr. David Ragsdale, Head, Entomology
Subject: New Minor in Cybersecurity

We have reviewed your proposal for a new academic minor in Cybersecurity and approve your request to include FIVS 123 Forensic Investigations and FIVS 205 Introduction to Forensic & Investigative Sciences as elective courses for students seeking this minor.

Thank you for considering the role forensic science plays in cybersecurity, and we look forward to having students with this interest in our courses.

Cc: Dr. Adrienne Brundage, Instructor, FIVS 205
Dr. Kevin Heinz, Instructor, FIVS 123 and Director, Forensic & Investigative Sciences Program
Dr. Jeffery Tomberlin, Associate Director, Forensic & Investigative Sciences Program
Dr. Pete D. Teel, Associate Department Head for Academic Programs

Minnie Belle Heep
2475 TAMU
College Station, TX 77843-2475

Tel. 979.845.2516 Fax 979.845.6305
entomain@ag.tamu.edu
http://insects.tamu.edu
MEMORANDUM

TO:        David Ragsdale
            Director, Texas A&M Cybersecurity Center

FROM:      Rich Metters
            INFO Department Head, Mays Business School
            4217 TAMU

DATE:      November 11, 2015

SUBJECT:   Support for the cybersecurity minor

---

The INFO Department supports the move by the Cybersecurity Center to have an interdisciplinary undergraduate minor.

[Signature]
Hi Tim:
I have no objections, and we will be happy to meet with them. If anything, we'd love to offer more of our courses for their program.

Traveling also; greetings from Vienna,

Emil

On 11/09/2015 10:04 AM, Scott, Timothy P wrote:

Emil,

I spoke with Trez this weekend. They are anxious to get approval as the deadline for this year's catalog is November 20. The two courses below are for electives only in the minor. Do you have an objection to them being listed?

MATH 470: Communications and Cryptography and

MATH 471: Communications and Cryptography II

Timothy P. Scott, Ph.D. | Associate Dean for Undergraduate Programs & Development
Associate Professor of Biology & Science Education Policy
College of Science | Texas A&M University
3257 TAMU | College Station, TX 77843-3257
514 Blocker Building
ph: 979.845.7362 | tim@science.tamu.edu | fa. 979.845.6077

Be curious.

This message contains information which may be confidential and privileged. Unless you are the addressee (or authorized to receive for the addressee), you may not use, copy or disclose to anyone the message or any information contained in the message. If you have received the message in error, please advise the sender by reply email and delete the message.
On Thu, Oct 29, 2015 at 5:49 PM, Scott, Timothy P <tim@science.tamu.edu> wrote:

Trez,

I have emailed Paulo Lima-Filho, who is the Associate Head of Mathematics. He is currently traveling for the University. He should be getting back to you. This minor sounds very interesting! Thanks for thinking of us.

I'm

From: Trez Jones [mailto:rtjones@tamu.edu]
Sent: Thursday, October 29, 2015 4:37 PM
To: t-scott@tamu.edu
Subject: Math contact requested: Interdisciplinary Cybersecurity Minor being developed

Howdy sir,

I am working with the Department of Computer Science and Engineering on creating a truly interdisciplinary cybersecurity minor from 5 colleges/schools and 8 different academic departments across our campus.

One of those departments is... math! There are two courses math offers that we would like to include as electives within the new minor-

MATH 470: Communications and Cryptography and
MATH 471: Communications and Cryptography II

Do you know of a good contact within the math department to help get a dialogue started with them about potentially gaining a letter of support from the program?

Many thanks sir.

Respectfully,

Trez

---
Robert T. "Trez" Jones, Ph.D.
University Professor of Practice, Center for Teaching Excellence
Director of Research Technology - Project ELLA-V
Caucus Leader for the Faculty Senate - College of Education and Human Development
Department of Educational Administration and Human Resource Development
Harrington Tower 560
Texas A&M University
College Station, TX 77843-4226
+1 979/845-2551

rtjones@tamu.edu
AFFIDAVIT

BE IT KNOWN, that on this the 16 November 2015

BEFORE ME, a duly sworn and competent authority in and for the State of Texas, NOTARY PUBLIC, and the undersigned affiant and competent witnesses appearing herein below, DID PERSONALLY APPEAR: ROBERT T. JONES, a person of the fully age of Majority, residing and domiciled in the State of Texas, County of Brazos.

WHO AFTER BEING DULY SWORN BY ME, did depose and state:

1. On Monday, November 2, 2015, I physically entered the Department of Political Science main office in the Allen building in order to determine whom to contact regarding the inclusion of POLS 447 in the Cybersecurity minor field of study that the Department of Computer Science and Engineering and the Department of Educational Administration and Human Resource Development are attempting to form.
2. I spoke with the front desk office assistant who started to let me know about the process of whom to contact.
3. The office assistant recommended Dr. Thornton, who, unfortunately was out on jury duty that day.
4. While I was discussing, the department head, Dr. William Clark, overheard and came by.
5. He offered to take care of the problem right there and agreed to allow us to include the course in the listing as an elective in the minor.
6. When I asked for a memo, he just asked if I could email, which I did within an hour and a half on Monday, November 2nd, 2015.
7. I requested a follow up on Friday, November 6th, 2015.
8. To date, I have not gotten back an emailed response to that request.
9. I believe that the intent of the department through the verbal agreed acknowledgement of the department head is sufficient to constitute inclusion of their course as an elective in the proposed minor.
10. Having reached the deadline date for filing with the Dwight Look College of Engineering, I am providing this document as recourse in order to afford the course being included as an elective in the minor field of study.

THIS DONE AND PASSED, before me, Notary Public, and the undersigned affiant and competent witnesses, after due reading of the whole, on the date and in the place aforesaid.

AFFIANT:  

Robert T. Jones

STATE OF TEXAS

COUNTY OF BRAZOS

Subscribed and sworn to before me by Robert T. Jones

this the 16th day November 2015.

NOTARY PUBLIC
STATE OF TEXAS
Good morning,

I am writing to convey the enthusiastic support of the faculty and administration in the Department of Educational Administration and Human Resources for the proposed minor field of study in Cyber-security Studies. We look forwarding to partnering with faculty across the University as this minor becomes available to undergraduate students in Technology Management program and those in multiple majors in the departments and colleges you represent.

We understand that there are already more than 20 undergraduate courses from across the University system that include relevant cyber-security content. The inclusion of these courses in the minor, as elective coursework, will allow students to specialize in the area of cyber-security that is most closely aligned with their respective interests and their degree plans. Among those courses which may be included is TCMG 308, offered by the EAHR department.

Sincerely,
Karen Smith

Karen S. Smith, Ed. D.
Clinical Associate Professor and Undergraduate Program Coordinator
Educational Administration and Human Resource Development
College of Education and Human Development, Texas A & M University
Office Phone: 979-862-2932  Office Location: Harrington 532
SPECIAL CONSIDERATION

Dwight Look College of Engineering
Minor in Engineering Project Management
Request for a new minor
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Engineering Project Management

Department: Dwight Look College of Engineering

College: Dwight Look College of Engineering

Will grant a minor [ ] Yes [ ] No    Academic Year: 2016-2017

A selection from among the following courses will constitute a minor field of study.

A. The following _4_ hours of course work are required.
   ENGR 333 - Project Management for Engineers
   ENGR 380 - Seminar Series in Engineering Project Management

B. Select _12_ hours from the following courses.
   See Appendix A for course listings

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of _16_ hours required.

Minimum of 6 hours at 300- to 400-level

(1) Minimum required GPA to declare minor is 2.5, (2) Obtain a "C" or better in each course taken towards minor, (3) Achieve an overall GPA of 2.5 in approved minor coursework, and

(3) ENGR 333 must be taken junior year.

Reviewed and approved by:

[Signatures]

Department Head/Program Director    Date
AOC Dean of College    Date
Appendix A – Engineering Project Management Minor

To earn a minor in Engineering Project Management, a student must complete a total of 16 credit hours that includes the prerequisite introductory project management courses (ENGR 333 – Engineering Project Management (3 hours) and ENGR 380 – Seminar Series in Engineering Project Management (1 hour)) as well as 12 credit hours in courses selected from the following 4 categories:

1. Courses providing background in business management and leadership. The courses listed under this category provide required skills to understand the key management principles and provide leadership in project planning and execution;

2. Courses providing background in project economics, analysis, and decisions. The courses listed under this category provide advanced understanding of the analytical tools required to support project planning and execution.

3. Courses providing the application of project management tools within the major. The courses listed under this category provide examples of the application project management principles within the students' area of study.

4. Courses providing project experiences as directed studies. The courses listed under this category provide practical experience in managing projects via internships, campus or community-based engagements, or research. Students should be able to received credits via ENGR485 for documenting their project experience.

Table A1 shows the course requirements for each of the listed categories. However, this list is to be re-evaluated periodically to include newly developed courses relevant to engineering project management.
<table>
<thead>
<tr>
<th>Courses introducing core project management principles (must take 4 credit hours)</th>
<th>Courses providing background in business management and leadership (must take minimum 2 credit hours; maximum of 4 credit hours will count towards the minor)</th>
<th>Courses providing background in project economics, analysis, and decisions (must take minimum 2 credit hours; maximum of 6 credit hours will count towards the minor)</th>
<th>Course providing the application of project management tools within the major (must take minimum 3 credit hours; maximum of 6 credit hours will count towards the minor)</th>
<th>Course providing project experiences as directed studies (maximum of 3 credit hours will count toward the minor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR333 Project Management for Engineers (3)</td>
<td>MGMT309 Survey of Management (3)</td>
<td>ISEN302/303 Economic Analysis of Engineering Projects/Engineering Economic Analysis (2/3)</td>
<td>ISEN411 Engineering Management Techniques (3)</td>
<td>ENGR485 Directed Studies (Internship project, Campus Project, or Community project, e.g. The Big Event)</td>
</tr>
<tr>
<td>ENGR380 Seminar in Project Management (1)</td>
<td>SOMS380 Workshop in Leadership Education (1)</td>
<td>CVEN322 Civil Engineering Systems (3)</td>
<td>CVEN405 Construction Management of Field Operations (3)</td>
<td>ENGR491 Research (Research project e.g. Aggie-E-Challenge)</td>
</tr>
<tr>
<td>SOMS381 Workshop in Leadership Education II (1)</td>
<td>PETE353 Petroleum Project Evaluation (3)</td>
<td>CVEN473 Engineering Project Estimating and Planning (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOMS481 Seminar in Executive Leadership (1)</td>
<td>CHEN/SENG430 Risk Analysis in Safety Engineering (3)</td>
<td>CVEN349 Civil Engineering Project Management (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOMS482 Seminar in Executive Leadership II (1)</td>
<td></td>
<td></td>
<td>ISEN430 Human Factors and Ergonomics (3)</td>
<td></td>
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<tr>
<td>ESET 151 Engineering Leadership (3)</td>
<td>CSCE431 Software Engineering (3)</td>
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<tr>
<td>ENGR 289 Introduction to Engineering Leadership (2-2)</td>
<td>CSCE315 Programming Studio (3)</td>
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<tr>
<td>ENSG312 Systems Safety Engineering (3)</td>
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<tr>
<td>ENGR 489A Leadership and Business Fundamentals (2-2)</td>
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<tr>
<td>CHEN/SENG460 Quantitative Risk Analysis in Safety Engineering (3)</td>
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<tr>
<td>ENGR 489B Role of Engineering and Business in Society (2-2)</td>
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<tr>
<td>ESET 329 Six Sigma and Applied Statistics (4)</td>
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<tr>
<td>ENGR 489A Exploring Your Leadership Qualities and Perspective (2-2)</td>
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<tr>
<td>ESET 419 Engineering Technology Capstone I (3)</td>
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<tr>
<td>ENGR 489B Leadership Capstone (2-2)</td>
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<tr>
<td>BMEN469 Entrepreneurship in BMEN (3)</td>
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<tr>
<td>MEEN489 Entrepreneurship related to Nanomaterials Application in Energy (3)</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Highlighted in red are the courses that are not on the Catalog.

Table A2 presents an example of course the students from different department can take to satisfy the Engineering Project Management minor degree requirements.
<table>
<thead>
<tr>
<th>Example</th>
<th>Courses providing background in business management and leadership (must take minimum 2 credit hours; maximum of 4 credit hours will count towards the minor)</th>
<th>Courses providing background in project economics, analysis, and decisions (must take minimum 2 credit hours; maximum 6 credit hours will count towards the minor)</th>
<th>Course providing the application of project management tools within the major (must take minimum 3 credit hours; maximum of 6 credit hours will count towards the minor)</th>
<th>Course providing project experiences as directed studies (maximum of 3 credit hours will count toward the minor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEEN student</td>
<td>ENGR333 and ENGR380&lt;br&gt;4 credit hours</td>
<td>MGMT309&lt;br&gt;3 credit hours</td>
<td>ISEN302 and CHEN/SENG430&lt;br&gt;5 credit hours</td>
<td>MEEN489&lt;br&gt;3 credit hour</td>
</tr>
<tr>
<td>ISEN student</td>
<td>ENGR333 and ENGR380&lt;br&gt;4 credit hours</td>
<td>MGMT309&lt;br&gt;3 credit hours</td>
<td>ISEN303&lt;br&gt;3 credit hours</td>
<td>ISEN411 and ISEN430&lt;br&gt;6 credit hours</td>
</tr>
<tr>
<td>CVEN student</td>
<td>ENGR333 and ENGR380&lt;br&gt;4 credit hours</td>
<td>SOMS380 and SOMS381&lt;br&gt;2 credit hours</td>
<td>CVEN322&lt;br&gt;3 credit hours</td>
<td>CVEN405 and CVEN473&lt;br&gt;6 credit hours</td>
</tr>
<tr>
<td>CSCE student</td>
<td>ENGR333 and ENGR380&lt;br&gt;4 credit hours</td>
<td>ENTC151&lt;br&gt;3 credit hours</td>
<td>ISEN302&lt;br&gt;2 credit hours</td>
<td>CSCE431 and CSCE315&lt;br&gt;6 credit hours</td>
</tr>
</tbody>
</table>
MEMORANDUM

TO: Dr. Anthony Guiseppi-Elie
Department of Biomedical Engineering

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the Department of Biomedical Engineering to include the following course in the selection of minor coursework as outlined in the attached document:

- BMEN 469 – Entrepreneurial Issues in Biomedical Engineering

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
September 10, 2015

MEMORANDUM

TO: Dr. M. Nazmul Karim
Artie McFerrin Department of Chemical Engineering

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations, and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the Artie McFerrin Department of Chemical Engineering to include the following course in the selection of minor coursework as outlined in the attached document:

- CHEN/SENG 430 – Risk Analysis in Safety Engineering
- CHEN/SENG 460 – Quantitative Risk Analysis
- SENG 312 – Systems Safety Engineering

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
September 10, 2015

MEMORANDUM

TO: Dr. Robin Autenrieth, Head
Zachry Department of Civil Engineering

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

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The Dwight Look College of Engineering requests support from the Zachry Department of Civil Engineering to include the following courses in the selection of minor coursework as outlined in the attached document:

- CVEN 322 – Civil Engineering Systems
- CVEN 349 – Civil Engineering Project Management
- CVEN 405 – Construction Management of Field Operations
- CVEN 473 – Engineering Project Estimation and Planning

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
MEMORANDUM

TO: Dr. Dilma Da Silva, Head
Department of Computer Science and Engineering

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the Department of Computer Science and Engineering to include the following courses in the selection of minor coursework as outlined in the attached document:

- CSCE 431 – Software Engineering
- CSCE 315 – Programming Studio (3)

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
September 10, 2015

MEMORANDUM

TO: Dr. Reza Langari, Head
Department of Engineering Technology and Industrial Distribution

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

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The Dwight Look College of Engineering requests support from the Department of Engineering Technology and Industrial Distribution to include the following courses in the selection of minor coursework as outlined in the attached document:

- ESET 151 – Engineering Leadership
- ESET 329 – Six Sigma and Applied Statistics
- ESET 419 – Engineering Technology Capstone I

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
September 10, 2015

MEMORANDUM

TO: Dr. Cesar Malave, Head Department of Industrial and Systems Engineering

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the Department of Industrial and Systems Engineering to include the following courses in the selection of minor coursework as outlined in the attached document:

- ISEN 302 – Economic Analysis of Engineering Projects
- ISEN 303 – Engineering Economic Analysis
- ISEN 411 – Engineering Management Techniques
- ISEN 430 – Human Factors and Ergonomics

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
MEMORANDUM

TO: Dr. Wendy R. Boswell, Head
Department of Management, Mays Business School

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the Department of Management in the Mays Business School to include the following course in the selection of minor coursework as outlined in the attached document:

- MGMT 309 – Survey of Management

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
MEMORANDUM

TO: Dr. A. Daniel Hill
Harold Vance Department of Petroleum Engineering

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the Harold Vance Department of Petroleum Engineering to include the following course in the selection of minor coursework as outlined in the attached document:

- PETE 353 – Petroleum Project Evaluation

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
MEMORANDUM

TO: Dr. Richard Cummins, Director
   Hollingsworth Leadership Program
   Texas A&M University Corps of Cadets, School of Military Science

THROUGH: Dr. Valerie Taylor, Senior Associate Dean for Academic Affairs
         Dwight Look College of Engineering

FROM: Dr. Ivan Damnjanovic, Associate Professor and Coordinator
      Engineering Project Management

SUBJECT: New Minor in Engineering Project Management

The Engineering Project Management minor is intended to help meet the requirements of industry by educating undergraduate engineering students to understand complex engineering projects, project organizations and project management methods. Students completing this minor will be able to work effectively in multidisciplinary engineering projects immediately after completion and to advance more rapidly within the project management organization and profession. The management of projects entails technical knowledge, engineering skills and management skills.

The Dwight Look College of Engineering requests support from the School of Military Science to include the following courses in the selection of minor coursework as outlined in the attached document:

- SOMS 380 – Workshop in Leadership Education
- SOMS 381 – Workshop in Leadership Education II
- SOMS 481 – Seminar in Executive Leadership
- SOMS 482 – Seminar in Executive Leadership II

Thank you for your willingness to support this new minor in the Dwight Look College of Engineering.
SPECIAL CONSIDERATION
Dwight Look College of Engineering
Department of Computer Science and Engineering
Minor in Game Design and Development
Request for a new minor
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Game Design & Development

Department: Computer Science and Engineering

College: Engineering

Will grant a minor [ ] Yes [ ] No  Academic Year: 2016-17

A selection from among the following courses will constitute a minor field of study.

A. The following 10 hours of course work are required.
   - CSCE 110/111 (CSCE 121 for CSCE majors)
   - CSCE 441 or VIST 486
   - CSCE 443/VIST 487 (CSCE 443 crosslisted as VIST 487)

B. Select 6 hours from the following courses.
   - COMM 230
   - VIST 374
   - COMM 453
   - VIST 370
   - CSCE 436

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 16 hours required.

Minimum of 6 hours at 300- to 400-level

Minimum GPA of 3.2 for admittance into the minor

A grade of C or better in all courses taken in the minor

Reviewed and approved by:

[Signature]
Department Head/Program Director  12/7/15

[Signature]
AOC Dean of College  Date
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Game Design & Development

Department: Computer Science and Engineering

College: Engineering

Will grant a minor [✓] Yes [☐] No

Academic Year: 2016-17

A selection from among the following courses will constitute a minor field of study.

A. The following ___9___ hours of course work are required.
   
   CSCE 110/111 (CSCE 121 for CSCE majors)
   CSCE 441 or VIST 486
   
   CSCE 443/VIST 487 (CSCE 443 crosslisted as VIST ___)

B. Select ___9___ hours from the following courses.
   
   COMM 230
   VIST 374
   COMM 453
   VIST 370
   CSCE 436

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of ___13___ hours required.

Minimum of 6 hours at 300- to 400-level

Minimum GPA of 3.2 for admittance into the minor

A grade of C or better in all courses taken in the minor

Reviewed and approved by:

Department Head/Program Director  Date  AOC Dean of College  Date
Minor in Game Design & Development

The interdisciplinary Minor in Game Design and Development provides a broad orientation to the artistic, technical, theory and social aspects of video games. Completion of the Minor requires that students pursue the variety of skills and knowledge required to create engaging and meaningful games. The curriculum includes art, design, programming, media literacy, and video game production.

Students would be required to take 10 hours from:
1) 4 hours: CSCE 110 (4 hr) or CSCE 111 (4 hr)
   (CSCE 121 for CSCE majors)
2) 6 hours: CSCE 441, then 443/VIST 487
   or
   VIST 486, then VIST 487/CSCE 443

Students choose 6 hr from:
1) COMM 230 - (Communication technology skills)
2) VIST 374 - (Multimedia Design)
6) COMM 453 – (Communication and Video games)
7) VIST 370 – (Interactive Virtual Environments)
8) CSCE 436 – (upper level classification if VIST)

Hours for the minor: 16
Minimum GPA of 3.2 for admittance into the minor, and a grade of “C” or better in all courses taken in the minor.
MEMORANDUM:

TO: University Curriculum Committee
FROM: Dilma Da Silva  
Department Head, Computer Science and Engineering
FROM: Tim McLaughlin  
Department Head, Visualization
DATE: November 17, 2015
SUBJECT: Minor in Game Design and Development

We are submitting a request for a Minor in Game Design and Development. This interdisciplinary minor is supported by both the Department of Visualization and the Department of Computer Science and Engineering.

We expect the administration of the minor to be handled through the Department of Visualization.
SPECIAL CONSIDERATION

DWIGHT LOOK COLLEGE OF ENGINEERING

DEPARTMENT OF ENGINEERING TECHNOLOGY AND INDUSTRIAL DISTRIBUTION

BS IN MULTIDISCIPLINARY ENGINEERING TECHNOLOGY

REQUEST FOR A NEW DEGREE PROGRAM
Texas A&M University
New Certificate, Bachelors, Masters, or Doctoral Program
Undergraduate • Graduate • Professional
• Proposal Checklist •

Program request type:
☒ Undergraduate ☐ Graduate ☐ First Professional (e.g., DVM, JD, MD, etc.)

Requested by the Department or Unit of:
Engineering Technology and Industrial Distribution, Look COE

Program Type, Level, Designation, Title, Description, Hours

Program Type: ☐ Certificate Program ☒ Degree Program
Program Level: ☐ UG Certificate ☐ Grad Certificate ☐ Bachelor ☐ Master ☐ Doctoral ☐ Professional
Degree Designation (i.e., BS, BA, MA, MS, MAg, Med, PhD, EdD, etc.) ☒ BS
Title of proposed program: Multidisciplinary Engineering Technology

Proposed CIP Code (if known): 15.0000.00

Brief program description (provide a catalog description for undergraduate and graduate certificates):
The Multidisciplinary Engineering Technology Program within the Dwight Look College of Engineering combines elements of Electronic Systems, Computer Systems, Mechanical Systems, Communication Systems and Control Systems within product design and manufacturing to provide graduates with exceptional careers in Aerospace, Automotive, Medical, Oil and Gas, Communications and other growing technological fields.

Minimum program semester credit hours (SCH) Certificates - 12 hours* Bachelors - 120 hours Masters - 30 hours

Proposed program hours: ______ 127 ______

*12 hours minimum to appear on transcript

Certificate Programs
☐ Embedded

Students take coursework that will result in a degree and certificate being earned at the same time.

☐ Standalone

Non-degree seeking students take coursework to earn a certificate only (no degrees are awarded).

Off-Campus or Distance Delivery

% of Program a student can take off-campus or through Distance Education

<table>
<thead>
<tr>
<th>Program Start Date</th>
<th>SACSOC Approval**</th>
<th>When Provost needs to inform SACSOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ 25%</td>
<td>Notification Only</td>
<td>6 months before first day of program</td>
</tr>
<tr>
<td>☐ 50%</td>
<td>Approval Required</td>
<td>6 months before first day of program</td>
</tr>
<tr>
<td>☐ 80%</td>
<td>Approval Required</td>
<td>6 months before first day of program</td>
</tr>
<tr>
<td>☐ 100%</td>
<td>Approval Required</td>
<td>6 months before first day of program</td>
</tr>
</tbody>
</table>

**Notification letter arranged through the Vice Provost for Academic Affairs and sent by TAMU President.

Program Delivery Mode

☒ On-campus
☐ Broadcast / TTVN
☐ Specific off-campus location**
☐ Distance Education / Internet ☐ In-State ☐ Out-of-State Start Date ______
☐ Out-of-Country

Will this program be offered with another institution?
☐ Yes ☐ No

If yes, contact the Vice Provost for Academic Affairs for additional reporting requirements.

***Is this an approved SACSOC location? ☒ Yes ☐ No

If no, a program prospectus must be sent to SACSOC.

Approved locations as of March 2012: TAMU-Galveston, TAMU-Qatar, University Center-The Woodlands, City Center-Houston, Dubai and Saudi Arabia.

Program Funding

Has program funding been finalized at the department or college level?
☒ Yes ☐ No

Will new costs for the first five years of the program be under $2 million?
☒ Yes ☐ No

If new costs exceed $2 million, coordinating board approval is required.

Page 1

Revised 04.11.2014
Submitted by (Contact Person):

Jay Porter

Name
Professor and Associate Department Head, Undergraduates

Studies

Title

jporter@tamu.edu

Email

979-845-5966

Phone

Certification Statement

By signing below, the Dean of the College certifies the proposed program complies with coordinating board standards. If the program is delivered through Distance Education, the Dean of the College certifies that they are following the Principles of Good Practice for Academic Degree and Certificate Programs and Credit Courses Offered Electronically.

Use additional signature lines if program is between three or more departments or colleges.

Signature, Department Head or Interdisciplinary Program Chair
Reza Langari
Typed or Printed Name

Chair, College Review Committee
Date

Dean of College
Date

Chair, University Curriculum Committee or Graduate Council
Date

Additional Approvals Required: Faculty Senate and President.
Submitted by: Michael K. Young, President/CEO  
Texas A&M University

Subject: Approval of a New Bachelor of Science Degree Program with a Major in Field of Study in Multidisciplinary Engineering Technology and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Proposed Board Action:

Approve the establishment of a new degree program at Texas A&M University leading to a Bachelor of Science in Multidisciplinary Engineering Technology (MXET), authorize the submission of this degree program to the Texas Higher Education Coordinating Board (THECB) for approval and certify that all applicable THECB criteria have been met.

Background Information:

Industry demand and student interest in Multidisciplinary Engineering Technology (MXET) program across Texas and the nation are growing. A program that combines basic educational elements of mechanical, electronics, computer and control systems while providing an opportunity for the student to focus in an area of specialization has the ability to meet this demand and interest. Graduates from a four-year BSET degree program will be ready to meet the entry-level needs of the automotive, aerospace, oil & gas, medical, communications, and other high-technology, fast growing industries. In addition, the MXET program will provide an excellent opportunity for graduates from the ten Associate degree programs in Texas that have a multidisciplinary focus.

The MXET program will be offered at Texas A&M University within the Department of Engineering Technology and Industrial Distribution (ETID). The first focus area which will be offered in the Fall 2016 semester will have a mechatronics focus. Based on industry support and student interest, other focus areas are available for future specializations including entrepreneurial new product development, energy/building management, manufacturing automation, and instrumentation. Approximately 90 percent of this new degree program will be taken from coursework and associated laboratories currently offered by the ETID Department (ESET and MMET programs). Only four courses will need to be created or modified (all within ETID) to complete the 127 SCHs required for the new curriculum. As defined, the curriculum’s Educational Objectives, Student Outcomes, and Features have been established to meet the General Engineering Technology program criteria of the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ETAC/ABET). The MXET program will pursue accreditation in the first fall semester after students have graduated from the program.

A&M System Funding or Other Financial Implications:

The five-year costs associated with the MXET start-up are estimated to be $1,957,000. This estimate includes $1,675,000 for personnel including a program coordinator, one additional faculty member to develop and deliver the focus-area coursework, graduate assistants and clerical staff. Facilities and equipment to support the new laboratory should be $250,000 and supplies and materials are estimated to $15,000. Other costs which include accreditation and travel costs are estimated to be $17,000.

The funding to support this new program will come from reallocated funds.
Agenda Item No.

TEXAS A&M UNIVERSITY  
Office of the President  
Date of Submission

Members, Board of Regents  
The Texas A&M University System

Subject: Approval of a New Bachelor of Science Degree Program with a Major in Field of Study in Multidisciplinary Engineering Technology and Authorization to Request Approval from the Texas Higher Education Coordinating Board

I recommend adoption of the following minute order:

"The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University leading to a Bachelor of Science Degree Program with a Major in Field of Study in Multidisciplinary Engineering Technology.

The Board also authorizes submission of Texas A&M University’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met."

Respectfully submitted,

Michael K. Young  
President

Approval Recommended:

John Sharp  
Chancellor

Approved for Legal Sufficiency:

Ray Bonilla  
General Counsel

Billy Hamilton  
Executive Vice Chancellor and  
Chief Financial Officer

James R. Hallmark, Ph.D.  
Vice Chancellor for Academic Affairs
Texas A&M University

Bachelors of Science
with a major in Multidisciplinary Engineering Technology
(CIP: 15.0000.00)

Program Review Outline

BACKGROUND & PROGRAM DESCRIPTION

Administrative Unit: Dwight Look College of Engineering, Department of Engineering Technology and Industrial Distribution

The Bachelor of Science program in Multidisciplinary Engineering Technology (MXET) will combine elements of electronic, mechanical, computer, control and communications technologies to the design and development of new products and systems. The BS degree program will prepare graduates for challenging and rewarding careers in aerospace, automotive, medical, oil & gas, communications and other high-tech industries within Texas and across the nation.

The educational objectives of the BS MXET degree program are to produce graduate who are prepared to accomplish all of the objectives listed below and who will, within two to five years after graduation, indeed accomplish at least two of the following objectives:

- Possess and demonstrate technical knowledge of the design, manufacture, sales, and service of complex systems that span multiple engineering technology disciplines.
- Demonstrate increasing level of leadership and responsibility.
- Exhibit productivity in a dynamic work environment through a commitment to lifelong learning.
- Exhibit a commitment to professional ethics in their professional career.

The BS degree in Multidisciplinary Engineering Technology requires the undergraduate student to complete a 127 semester credit hour course of study that satisfies the University Core Curriculum, Math and Science courses, required technical courses and prescribed electives. The MXET curriculum exceeds the 120 Semester Credit Hours (SCH) per Board rule 5.44 (a) (3). The 127 SCH requirement is needed to satisfy ETAC/ABET requirements for depth and breadth in the engineering technology discipline, math, and science and to satisfy core curriculum requirements.

The proposed implementation date: Fall 2016

Texas A&M University certifies that the proposed new degree program meets the criteria under the 19 Texas Administrative Code, Section 5.45 in regards to need, quality, financial and faculty resources, standards and costs. New costs during the first five years will not exceed $2 million.

I. NEED
   A. Employment Opportunities
The Occupational Outlook Handbook of US Bureau of Labor Statistics does not have a separate category for Multidisciplinary Engineering Technology. However, considering that a proposed program includes fundamental courses in mechanical engineering technology and electronic systems engineering technology which includes embedded electronic hardware and control software, it is reasonable to say that graduates from a multidisciplinary engineering technology program can be hired to work in many of the fields depicted in this diagram, especially where the specialties intersect and require capabilities in multiple disciplines.

Table 1 shows the growth outlook in USA from 2012-2022, for jobs in mechanical engineering, electrical engineering and electronics engineering, and software development.

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Growth rate</th>
<th>Annual Pay</th>
<th># of Jobs in 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Engineers (BS)</td>
<td>5%</td>
<td>$80,580</td>
<td>269,700</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Engineers (BS)</td>
<td>4%</td>
<td>$89,630</td>
<td>318,700</td>
</tr>
<tr>
<td>Software Developers</td>
<td>22%</td>
<td>$93,350</td>
<td>1,240,600</td>
</tr>
</tbody>
</table>

These data indicate there will be many job openings with high annual pay for graduates from multidisciplinary engineering technology programs. MXET also spans a wide range of industry segments including aerospace, automotive, medical, oil & gas, and communications, thus providing more flexibility in employment and less likelihood of being impacted by a downturn in a specific engineering field.

The Texas Job outlook for 2012-2022 shows much stronger demands than the national averages in similar fields with higher pay. The overall trend for Texas jobs is the same as that for USA with many job openings and high annual pay for graduates from multidisciplinary programs. Table 1 career fields are in listed in the top 50 for most openings and highest pay in Texas and across the nation.

**B. Projected Enrollment**

The Look College currently admits entering freshmen into the general engineering program whereby most students follow a common first-year engineering curriculum that is also required for the BS MXET degree program. Students interested in the proposed BS MXET degree program will apply using the same entry-to-a-major process for all existing engineering and engineering technology majors. Because the large majority of engineering and engineering technology majors are full time students, it is assumed that most BS MXET majors will be full-time students. Given that students remain in general engineering for their first year, students will start the BS MXET degree program as sophomores. Hence, the numbers in Table 2 reflect students graduating from the program after three years following acceptance into the MXET program.

<table>
<thead>
<tr>
<th>YEAR</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<tbody>
<tr>
<td>Headcount</td>
<td>24</td>
<td>44</td>
<td>64</td>
<td>93</td>
<td>135</td>
</tr>
</tbody>
</table>

Table 2. Estimated Cumulative Headcount and FTSE
C. Existing State Programs
In the State of Texas, there are no mechatronics or electromechanical BS programs. A search on the web identified the following BS programs in mechatronics or electromechanical engineering within the US:

*Mechatronics/Electromechanical Engineering (BS) programs*
1. Chico State in California
2. Colorado State University-Pueblo
3. NC State University
4. Northern Illinois University
5. Purdue University Calumet
6. Southern Polytechnic State University
7. Tennessee Tech University
8. University of Denver
9. University of Hartford
10. University of North Carolina at Asheville
11. University of Pennsylvania
12. Vaughn College of Aeronautics and Technology
13. Western New England University

*Mechatronics/Electromechanical Engineering Technology (BS) programs*
1. Alfred State College SUNY College of Technology
2. Vermont Tech

There are approximately 10 junior colleges in Texas that do offer associate degrees in electromechanical engineering or technology. Therefore, Texas A&M University will have no competition from within the State of Texas at the BS level and does not foresee any competitions at this level in the near future. In addition, the 10 associate programs will provide potential recruiting opportunities for new students transferring to the Look College of Engineering.

II. QUALITY & RESOURCES

A. Faculty
The majority of the technical component of the MXET curriculum will come from courses which are currently offered within the ESET and MMET programs housed in the Department of Engineering Technology and Industrial Distribution (ETID). Approximately 16 ETID faculty members will be involved in the delivery of the current courses/laboratories. Faculty required to develop and deliver the focus area coursework will grow from 0.5 FTE to approximately 2 FTE over the first five years of the program. The need for lecturers will grow from one to two FTEs in years 3 to 5 to support growth requirements for new sections of current ESET and MMET courses.

B. Program Administration
To administer the new program, a 1/3 faculty member will be required to function as the program coordinator.

C. Other Personnel
Administrative support will be initially shared by the program administrative coordinators of the ESET and MMET programs. As the program grows, administrative support will grow from a half-time person in year 3 to a full-time person in year 5.

D. Supplies, Materials
Supplies and material for the first five years of operation are expected to be replacement of expendable laboratory components, modules, and cabling.

E. Library
All necessary library resources are already in place, both at the University level and via internet searches.

F. Equipment, Facilities
The Engineering Technology and Industrial Distribution Department currently houses all the laboratory, computational and pedagogical resources to support the proposed program. Furthermore, the newly established 16,000 sq. ft. Engineering Innovation Center (EIC) in the College is well equipped to support MXET program product and systems design and development activities among undergraduate students. EIC resources include more than 7,000 sq. ft. of multiuser collaboration space available to students for extended hours including weekend. The EIC also includes a 6,600 sq. ft. fabrication area with access to 3D printers, laser cutters, lathes and mills to support the development of multidisciplinary team project prototypes, and access to a conference room for remote collaborations with industry.

G. Accreditation
The Educational Objectives, Student Outcomes, and Features have been established to meet the General Engineering Technology program criteria of the Engineering Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ETAC/ABET). The MXET program will pursue accreditation in the first fall semester after students have graduated from the program.

III. NEW 5 YEAR COSTS & FUNDING SOURCES

<table>
<thead>
<tr>
<th>NEW FIVE-YEAR COSTS</th>
<th>SOURCES OF FUNDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty</td>
<td>Formula Income</td>
</tr>
<tr>
<td>Program Administration</td>
<td>Statutory Tuition</td>
</tr>
<tr>
<td>Graduate Assistants</td>
<td>Reallocation</td>
</tr>
<tr>
<td>Supplies &amp; Materials</td>
<td>Designated Tuition</td>
</tr>
<tr>
<td>Library &amp; IT Resources</td>
<td>Other Funding:</td>
</tr>
<tr>
<td>Equipment, Facilities</td>
<td>Industry support</td>
</tr>
<tr>
<td>Other</td>
<td>Estimated 5-year Revenues</td>
</tr>
<tr>
<td>Estimated 5-Year Costs</td>
<td></td>
</tr>
</tbody>
</table>
Request Form for Bachelor’s and Master’s Degrees

Following Board action on July 30, 2009, new bachelor’s and master’s programs that meet the following criteria are automatically approved (Chapter 5, Subchapter C, Section 5.44):

- The program has institutional and governing board approval;
- the program complies with the Standards for Bachelor’s and Master’s Programs;
- adequate funds are available to cover the costs of the new program;
- new costs during the first five years of the program will not exceed $2 million;
- the program is a non-engineering program (i.e., not classified under CIP code 14); and
- the program will be offered by a university or health-related institution.

A new bachelor’s or master’s degree program that meets these criteria may be requested using the Certification Form for New Bachelor’s and Master’s Programs and is automatically approved if no objections are received during the 30-day public comment period. The institution’s program inventory will be updated accordingly and a letter of approval will be sent to the institution/System. All other requests for new bachelor’s or master’s programs must be submitted using the Form for Requesting a New Bachelor’s or Master’s Degree Programs.

I. Need

A. Job Market Need

As shown in Figure 1, the Multidisciplinary Engineering Technology program will be composed of 127 SCHs which encompasses a University Core, a Math and Science Core, a MXET Core (including Freshman Engineering and two Directed Technical Electives) and a Focus Area of study.

![MXET Program Block Diagram](image)

**Figure 1. MXET Program Block Diagram (127 SCHs)**

The intent of the degree program is to provide undergraduate students more opportunities for a customized experiential learning opportunity than is typically provided in programs that are more discipline specific. A number of Focus Areas are possible and could be developed in the future based on documented need and student interest. The first, Mechatronics - also known as electromechanical engineering technology, is an engineering technology discipline that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation and maintenance of complex computer controlled electro-mechanical systems and products with embedded electronics, sensors, and actuators [1, 2]. Examples of

AAR/Webmasters Updated 11/30/2010
other Focus Areas that represent the breadth and cross disciplinary aspects of the MXET program include Entrepreneurial New Product Development, Energy Management, and Instrumentation. This Entrepreneurial Product Development Focus Area, which is geared towards the inclusion of business-related concepts and aspects of starting a new venture in a high tech industry segment, will be used to demonstrate how new area of interest can be achieved when demand and support are available.

The following diagram shows the interdisciplinarity nature of the Multidisciplinary Engineering Technology program with a mechatronics focus area. Graduates from multidisciplinary engineering technology programs have a unique skill set that allows them to engage in product development and commercialization from a systems perspective.

**Figure 2. Multidisciplinary Engineering Technology with Mechatronics Focus**

The Occupational Outlook Handbook of US Bureau of Labor Statistics does not have a separate category for Multidisciplinary Engineering Technology. However, considering that a proposed program includes fundamental courses in mechanical engineering technology and electronic systems engineering technology which includes embedded electronic hardware and control software, it is reasonable to say that graduates from a multidisciplinary engineering technology program can be hired to work in many of the fields depicted in this diagram, especially where the specialties intersect and require capabilities in multiple disciplines.

Although detailed statistics specific to careers in engineering technology are not available, in general these careers will closely follow those of similar-focused engineering careers. Table 1 shows the growth outlook in USA from 2012-2022, for jobs in mechanical engineering, electrical engineering & electronics engineering, and software development. These same types of growth rates should be expected in the associated engineering technology career fields.
Table 1. USA Engineering Employment Growth Outlook 2012-2022 [3]

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Growth rate</th>
<th>Annual Pay</th>
<th># of jobs in 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Engineers (BS)</td>
<td>5%</td>
<td>$80,580</td>
<td>269,700</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Engineers (BS)</td>
<td>4%</td>
<td>$89,630</td>
<td>318,700</td>
</tr>
<tr>
<td>Software Developers</td>
<td>22%</td>
<td>$93,350</td>
<td>1,240,600</td>
</tr>
</tbody>
</table>

Source: http://www.bls.gov/ooh/architecture-and-engineering/home.htm

The data indicate there will be many job openings with high annual pay for graduates from a multidisciplinary engineering technology program and is justification for the lead focus area to be mechatronics. In addition, graduates from the multidisciplinary engineering technology program will have the flexibility of choosing from any of these three categories. Companies like Tenaris are quick to see the value of an employee in their oil & gas manufacturing facilities for a graduate who has education experience in mechanical systems, electronic systems, embedded intelligence systems and control systems. This provides more flexibility in employment and a less likelihood of being impacted by an unexpected downturn in a specific engineering field.

The Texas Job outlook for 2012-2022 (Table 2) shows much stronger demands than the national averages in similar fields with higher pay. The overall trend for Texas jobs is the same as that for USA: There will be many job openings with high annual pay for graduates from the Look College of Engineering multidisciplinary engineering technology program.

Table 2. Texas Long-Term Employment Projections (2012-2022) [4]

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Growth rate</th>
<th>Annual Pay</th>
<th>Annual average job opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Engineers</td>
<td>20.8%</td>
<td>$101,126</td>
<td>580</td>
</tr>
<tr>
<td>Electronics Engineers, Ex. Computer</td>
<td>22.2%</td>
<td>$100,002</td>
<td>485</td>
</tr>
<tr>
<td>Mechanical Engineers</td>
<td>20.0%</td>
<td>$99,073</td>
<td>990</td>
</tr>
<tr>
<td>Software Developer, Applications</td>
<td>25.1%</td>
<td>$97,035</td>
<td>1,540</td>
</tr>
</tbody>
</table>

Source: http://www.tracer2.com/publication.asp?PUBLICATIOnID=826

According to US Department of Labor, among 4 year B.S. degrees, all four relevant occupations, Mechanical Engineers, Electrical Engineers, Electronics Engineers, and Software Developers (application), rank in the top 50 occupations with most openings: 22nd, 41st, 46th, and 9th respectively [3]. These four occupations also ranked among top 50 for highest paying jobs (ME: 45th, Electrical Engineers: 33rd, Electronics Engineers: 25th, Software Developers: 14th) [3]. In Texas, these four occupations also ranked among the top 50 with most openings (22nd, 41st, 46th, and 9th respectively) and the top 50 highest paying (38th, 30th, 31st, and 27th, respectively)

Hence, the short-term and long-term outlook for students with a multidisciplinary engineering technology degree with a focus in mechatronics is very good.

The 2014 federal Workforce Innovation and Opportunity Act (WIOA) places renewed emphasis on education and training for workforce needs. Government, employers, and other key stakeholders in Texas have raised concerns as well the current pool of graduates are not meeting workforce needs and have emphasized a need for greater alignment between workforce needs and education [6]. According to [6], engineering and engineering technology are high-demand, medium-supply cells that needs special attention when considering new degree programs.
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Two meetings with industrial partners have been held and two more are being planned. Initial feedback from industrial partners indicated very strong support. There is a need for graduates with multidisciplinary educational experiences, especially with a focus in the field of mechatronics.

A search on the web identified the following BS programs in mechatronics or electromechanical engineering:

*Mechatronics/Electromechanical Engineering (BS) programs*
1. Chico State in California
2. Colorado State University-Pueblo
3. NC State University
4. Northern Illinois University
5. Purdue University Calumet
6. Southern Polytechnic State University
7. Tennessee Tech University
8. University of Denver
9. University of Hartford
10. University of North Carolina at Asheville
11. University of Pennsylvania
12. Vaughn College of Aeronautics and Technology
13. Western New England University

*Mechatronics/Electromechanical Engineering Technology (BS) programs*
1. Alfred State College SUNY College of Technology
2. Vermont Tech

Note that there is no university in Texas on the above two lists. There are around 10 junior colleges in Texas that offer associate degrees in electromechanical engineering or technology.

While the market need for entry level graduates with multidisciplinary capabilities is clearly there, why are not more universities offering multidisciplinary engineering technology programs focused on mechatronics with BS degrees? One of the reasons could be the interdisciplinary nature of mechatronics. In general it requires multiple departments or programs, including mechanical and electrical, to be involved. ETID is unique in that there are two Engineering Technology programs within the department - Manufacturing and Mechanical Engineering Technology (MMET) and Electronic Systems Engineering Technology (ESET) – that can be the basis for a new multidisciplinary program. The multidisciplinary engineering technology with a focus in mechatronics proposed by ETID will be a seamless integration of the two programs with two additional new courses specifically in mechatronics. This new program will address the job market need primarily in Texas, as well as be competitive nationwide. The unique structure of ETID will keep the cost of creating the new degree at a reasonable level. The multidisciplinary engineering technology program in ETID will be in direct competition with Alfred State College, SUNY College of Technology and Vermont Tech at the national level. Even though there is no national ranking for engineering technology programs, it is safe to say that ETID is in a favorable position to compete against most engineering technology programs in terms of qualification of faculty, research productivity, and teaching. In the State of Texas, there is no multidisciplinary
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engineering technology program with an emphasis in mechatronics at the BS level. We will have no competition and do not foresee any competitions in the near future.

B. Student Demand

According to Texas Higher Education Coordinating Board, there will be an average of 6.3% increase in enrollment of all Texas higher education institutions from 2015 to 2020 [7]. The Dwight Look College of Engineering at Texas A&M is in the process of expanding the engineering and engineering technology programs so that the enrollment will be increased to 25000 by 2025 [8]. In addition to more enrollments in the existing engineering/engineering technology programs, we need to create more options for students. Many students want to work in both the mechanical and electronic areas. With the significant increase in design and analytical tools for these two disciplines, more students want to combine elements of both domains as part of their undergraduate education. However, these students may not be able to get into mechanical engineering, electrical engineering or the associated engineering technology program due to the capacity limit for these departments/programs. The new multidisciplinary engineering technology program will provide these students an alternative.

Another source of students is the transfer students from existing electromechanical engineering associate degree programs. Table 3 shows that there are 185 students graduated in electromechanical engineering programs from about 10 junior colleges (Palo Alto College has an electromechanical engineering program, but was not listed in the THECB’s database.)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Total Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anarillo College</td>
<td>17</td>
</tr>
<tr>
<td>Angelina College</td>
<td>14</td>
</tr>
<tr>
<td>Clarendon College</td>
<td>2</td>
</tr>
<tr>
<td>Midland College</td>
<td>10</td>
</tr>
<tr>
<td>Peris Junior College</td>
<td>7</td>
</tr>
<tr>
<td>Texas State Technical College-Harlingen</td>
<td>20</td>
</tr>
<tr>
<td>Texas State Technical College-Waco</td>
<td>68</td>
</tr>
<tr>
<td>Texas State Technical College-West Texas</td>
<td>19</td>
</tr>
<tr>
<td>Tyler Junior College</td>
<td>28</td>
</tr>
<tr>
<td>Statewide</td>
<td>185</td>
</tr>
</tbody>
</table>

We also expect that there will be some high school graduates who would choose to enroll in the multidisciplinary engineering technology program with a mechatronics focus as freshmen. There may also be interest among the engineering students to pursue a minor in mechatronics. Some people in the current workforce with associate degrees may also choose to advance their career by coming back to school for a BS degree in multidisciplinary/mechatronics engineering technology.

C. Enrollment Projections

The Look College currently admits entering freshmen into the general engineering program whereby most students follow a common first-year engineering curriculum. The same first-year curriculum will be required for the BS MXET degree program. Students interested in the proposed BS MXET degree program will apply using the same entry-to-a-major process for all existing engineering/engineering technology majors. Because the large majority of engineering/engineering technology majors are full time students, it is assumed that most BS MXET majors will be full-time students. In addition, the MXET program will actively recruit
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underrepresented student groups to the program. Given that students remain in general engineering for their first year, students will start the BS MXET degree program as sophomores. Hence, the numbers below reflect students graduating from the program after three years following acceptance into the MXET program.

Table 4. Estimated Cumulative Headcount and FTSE

<table>
<thead>
<tr>
<th>Year</th>
<th>Change of Major/Transfers</th>
<th>New Students</th>
<th>Attrition</th>
<th>Graduation</th>
<th>Cumulative Headcount</th>
<th>Cumulative FTES (New only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>20</td>
<td>2</td>
<td>0</td>
<td>24</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td>38</td>
<td>2</td>
<td>0</td>
<td>44</td>
<td>40</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>60</td>
<td>2</td>
<td>20</td>
<td>64</td>
<td>60</td>
</tr>
<tr>
<td>4</td>
<td>6</td>
<td>89</td>
<td>2</td>
<td>30</td>
<td>93</td>
<td>88</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>131</td>
<td>2</td>
<td>40</td>
<td>135</td>
<td>130</td>
</tr>
</tbody>
</table>

*These numbers will dictate the projected formula income in the funding source portion in Section III, Anticipated New Formula Funding.

FTES = full-time equivalent student.
Per CB guidelines, 1 FTES = 15 sch for UG, 12 sch for M, and 9 sch for D

II. Quality

A. Degree Requirements

Table 5 is a summary of the proposed degree requirements for the MXET program with a mechatronics focus area. These requirements are subdivided into major categories and a justification for exceeding the 120-hour SCH limit is provided. The General Education Core includes the University Core curriculum (27SCH) and required Math and Science courses (23 SCH). Required MXET Core Courses (44 SCH) include 40 SCH of coursework from the ESET and MMET programs and the Freshman Engineering courses (ENGR 111/112). The Mechatronics Focus (27 SCH) includes two new mechatronics courses and other selected ESET and MMET courses. Six hours of directed technical electives is also included in the multidisciplinary/mechatronics engineering technology program. Similarly, the MXET program with an entrepreneurial new product development focus will also have 127 SCH defined.

Table 5. Curriculum Summary

AAR/Webmasters Updated 1/30/2010
<table>
<thead>
<tr>
<th>Category</th>
<th>Semester Credit Hours</th>
<th>Clock Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Core Curriculum (bachelor's degree only)</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Required Courses</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>MXET Core</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>Mechatronics Focus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prescribed Electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Free Electives</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Other <em>(Specify, e.g., internships, clinical work)</em></td>
<td>(if not included above)</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>127</strong></td>
<td></td>
</tr>
</tbody>
</table>

*127 Semester Credit Hours is minimum requirement to achieve ABET/ETAC accreditation for Mechatronics Program. Existing engineering technology programs in the Look College require 127 or 128 SCH. The 127 or 128 SCH requirement is needed to satisfy ABET/ETAC requirements for depth and breadth in the engineering technology discipline, math and science and to satisfy the core curriculum requirements. The proposed BS degree in MXET will require 127 SCH so that the MXET degree program will have similar depth and breadth to satisfy ABET/ETAC accreditation and core curriculum requirements.*

**Program Educational Objectives:**

The educational objectives of the BS MXET degree program are to produce graduate who are prepared to accomplish all of the objectives listed below and who will, within two to five years after graduation, indeed accomplish at least two of the following objective:

- Possess and demonstrate technical knowledge of the design, manufacture, sales, and service of complex systems that span multiple engineering technology disciplines.
- Demonstrate increasing level of leadership and responsibility.
- Exhibit productivity in a dynamic work environment through a commitment to lifelong learning.
- Exhibit a commitment to professional ethics in their professional career.

**Student Outcomes:**

a) An appropriate mastery of the knowledge, techniques, skills and modern tools of complex systems that span multiple engineering technology disciplines.

b) An ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering and technology.

c) An ability to conduct standard tests and measurements; to conduct, analyze and interpret experiments, and to apply experimental results to improve processes.

d) An ability to apply creativity in the design of complex systems that span multiple engineering technology disciplines.
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e) An ability to function effectively on teams.
f) An ability to identify, analyze and solve technical problems.
g) An ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature.
h) An understanding of the need for and an ability to engage in self-directed continuing professional development.
i) An ability to understand professional, ethical and social responsibilities.
j) A respect for diversity and knowledge of contemporary professional, societal and global issues.
k) A commitment to quality, timeliness, and continuous improvement.

Features of BS MXET degree program:

- Students follow the common first-year curriculum in the college of engineering. This provides students the opportunity to become familiar with different engineering majors, before applying to enter a major.
- The overall curriculum satisfies the requirements of the TAMU Core Curriculum – 42 credit hours. Reference: [http://us.tamu.edu/Undergraduate-Studies/Core-Curriculum](http://us.tamu.edu/Undergraduate-Studies/Core-Curriculum).
- General engineering students will apply for the BS MXET degree program through the entry-to-a-major process, consistent with other engineering majors. For students already in a major, the change of curriculum process will be required for entry to the BS MXET degree program. The MXET Program Coordinator will oversee both processes.
- The BS MXET program curriculum is designed to meet the General Criteria of the Engineering Technology Accreditation Commission (ETAC) of the Accreditation Board for Engineering and Technology (ABET).

B. Curriculum

Two different focus areas are presented as viable examples of the breadth of the MXET program in supporting multidisciplinary undergraduate experiential learning opportunities. The first focus area planned for implementation will be mechatronics. Based on industry support and student interest, once the mechatronics focus area is stood up and operational, the entrepreneurial new product development focus area will be created. Other focus areas which would also be considered for future expansion of the program include energy/building management, manufacturing automation, and instrumentation. The MXET Program core curriculum requirements for are contained in Table 6, and the focus area curriculum for mechatronics and entrepreneurial product development are contained in Tables 7 and 8, respectively. All core requirements are the same with 27 SCHs defining each focus area. The MXET core curriculum includes two technical electives that will broaden the students understanding and expertise in closely related technical areas. These are neither Prescribed nor Free electives, but will be selected by the student with input and approval from the student’s academic advisor and approved by the MXET Program Coordinator. For this reason the electives are included in the list of core curriculum.

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Required Courses</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>HIST 105</td>
<td>History</td>
<td>3</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Required Courses</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESET 349</td>
<td>Microcontroller Architecture</td>
<td>4</td>
</tr>
<tr>
<td>ESET 369</td>
<td>Embedded Systems Software</td>
<td>4</td>
</tr>
<tr>
<td>ESET 462</td>
<td>Control Systems</td>
<td>4</td>
</tr>
</tbody>
</table>

Table 7. Required Courses for Mechatronics Focus Area.

AAR/Webmasters Updated 11/30/2010
Table 8. Example of Future Focus Area - Entrepreneurial Product Development.

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Required Courses</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESET 319</td>
<td>Leadership</td>
<td>3</td>
</tr>
<tr>
<td>ESET 329</td>
<td>Six Sigma</td>
<td>3</td>
</tr>
<tr>
<td>ESET 333</td>
<td>Product Development</td>
<td>3</td>
</tr>
<tr>
<td>ESET 349</td>
<td>Microcontroller Architecture</td>
<td>4</td>
</tr>
<tr>
<td>MMET 320</td>
<td>Quality Assurance</td>
<td>3</td>
</tr>
<tr>
<td>MMET 361</td>
<td>Product Design and Solid Modeling</td>
<td>3</td>
</tr>
<tr>
<td>MMET 363</td>
<td>Applications I</td>
<td>3</td>
</tr>
<tr>
<td>IDIS 424</td>
<td>Purchasing Application in Distribution</td>
<td>3</td>
</tr>
<tr>
<td>IDIS 464</td>
<td>Distribution Operations and Financial Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Entrepreneurial New Product Focus 27

The 127 semester credit hours shown in Table 6 and 7 represent all course requirements that must be satisfied to earn the BS MXET degree at Texas A&M University with a mechatronics focus. General and Technical electives will be selected consistent with University policy and with the approval of the student’s academic advisor and the MXET Program Coordinator. Four new courses will be developed or significantly modified by the ETID Department that include:

- Dynamics (new)
- Thermodynamics for Technologists (modified)
- Mechatronics I (new)
- Mechatronics II (new)

C. Faculty

a. During the first year, approximately 1.5 FTE of Core faculty will be required to establish, develop, deliver, and administer the new multidisciplinary engineering technology program. A new faculty member will be assigned academic loading in the MXET program during the second year the new curriculum is offered. As shown in Table 9, four faculty members will be responsible for the MXET program and will result in approximately two FTE of core faculty as required for new Bachelor’s programs. Two of these core faculty will be teaching courses that are required in the MXET curriculum as well as one of the other two programs (ESET and MMET), thus the sharing of loading by both programs. Because most of the curriculum will be derived from current courses offered by the ESET and MMET faculties, a large percentage of the teaching resources
will be classified as Support faculty and will be assigned percentages of 15% or less to the new program. Tables 9 and 10 list the faculty members who will be engaged in the delivery of the new MXET program curriculum together with their educational credentials, courses that will be taught, and percentage of assignment to the MXET program. The Core and Support faculty members are predominately tenured associate and full professors in the ETID Department, have backgrounds specific to the field of the MXET program, and clearly meet SACS requirements.

### Table 9. Core Faculty

<table>
<thead>
<tr>
<th>Name of Core Faculty and Faculty Rank</th>
<th>Highest Degree and Awarding Institution</th>
<th>Courses Assigned in Program</th>
<th>% Time Assigned To Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Morgan, Joseph A, Professor</td>
<td>DEng, Texas A&amp;M University Industrial Engineering</td>
<td>ESET 219, ESET 419 (Capstone I), ESET 420 (Capstone II)</td>
<td>50</td>
</tr>
<tr>
<td>Song, Xingyong, Assistant Professor</td>
<td>Ph.D., University of Minnesota Twin Cities</td>
<td>ESET 462, MMET XXX (Dynamics)</td>
<td>75</td>
</tr>
<tr>
<td>Johnson, Michael D, Associate Professor</td>
<td>PhD, Massachusetts Institute of Technology Mechanical Engineering</td>
<td>MMET 361, MMET 429 (Capstone I), MMET 422 (Capstone II)</td>
<td>15</td>
</tr>
<tr>
<td>New Faculty in Year 2</td>
<td></td>
<td></td>
<td>25</td>
</tr>
</tbody>
</table>

### Table 10. Support Faculty

<table>
<thead>
<tr>
<th>Name of Support Faculty and Faculty Rank</th>
<th>Highest Degree and Awarding Institution</th>
<th>Courses Assigned in Program</th>
<th>% Time Assigned To Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alvarado, Jorge L, Associate Professor</td>
<td>PhD, University of Illinois Mechanical Engineering</td>
<td>MMET 303, MMET 370</td>
<td>15</td>
</tr>
<tr>
<td>Buchanan, Walter W, Professor</td>
<td>PhD, Indiana University Higher Education</td>
<td>ESET 210</td>
<td>10</td>
</tr>
<tr>
<td>Burke, Adam J, Lecturer</td>
<td>BS, Texas A&amp;M University Engineering Technology</td>
<td>ESET 269</td>
<td>10</td>
</tr>
<tr>
<td>Hsieh, Sheng-Jen, Professor</td>
<td>PhD, Texas Tech University Industrial Engineering</td>
<td>MMET XXX (Mechatronics II)</td>
<td>10</td>
</tr>
<tr>
<td>Kuttolamadom, Mathew A, Assistant Professor</td>
<td>PhD, Clemson University Systems Engineering</td>
<td>ENTC 275</td>
<td>10</td>
</tr>
<tr>
<td>Langarli, Gholamreza, Professor</td>
<td>PhD, University of California at Berkeley Mechanical Engineering</td>
<td>MMET XXX (Dynamics), MMET XXX (Mechatronics I)</td>
<td>10</td>
</tr>
<tr>
<td>Leon, Victor J, Professor</td>
<td>PhD, Lehigh University Industrial Engineering</td>
<td>MMET 320</td>
<td>10</td>
</tr>
<tr>
<td>Porter, Jay R, Professor</td>
<td>PhD, Texas A&amp;M University Electrical Engineering</td>
<td>ESET 350</td>
<td>10</td>
</tr>
<tr>
<td>Price, Angie H, Associate Professor</td>
<td>PhD, Texas A&amp;M University Interdisciplinary Engineering</td>
<td>MMET 207</td>
<td>10</td>
</tr>
<tr>
<td>Sun, Gang, Visiting Assistant Professor</td>
<td>PhD, Iowa State University Environmental Systems Engineering</td>
<td>ESET 349, ESET 369</td>
<td>15</td>
</tr>
<tr>
<td>Wang, Jyhwen,</td>
<td>PhD, Northwestern University</td>
<td>ENTC 363, MMET 376</td>
<td>15</td>
</tr>
</tbody>
</table>
The impact to existing programs will be reasonable and manageable given the current faculty. Most faculty in the ESET and MMET programs will continue to teach the courses they currently are assigned, but will now have MXET students. The size of the program will be controlled in total numbers and growth so as to not burden the other two programs. Only a small number of new courses will be required and these will be developed by faculty assigned to the MXET program and will also be available to the other two programs as technical electives. As required, graduate students to support increased laboratory sections will be added to maintain student growth.

D. Students

Describe general recruitment efforts and admission requirements. In accordance with the institution’s Uniform Recruitment and Retention Strategy, describe plans to recruit, retain, and graduate students from underrepresented groups for the program.

Beginning in the fall of 2014, the Look College has admitted all entering freshmen into a general engineering pool for which most students follow a common freshmen year. Students interested in the BS MXET degree will be able to apply for the MXET program through the entry-to-a-major (ETAM) process, starting as early as their second semester of study. For students already in a major, the change of curriculum process will be required for entry to the BS MXET degree program. The Program Coordinator for the MXET program will oversee both processes. Recruiting will be undertaken initially for the MXET mechatronics focus area specifically and expanded to other focus areas in the future.

a) Details for applying to the BS MXET degree program will be made known to students consistent with the process for informing all ENGE students about the entry-to-a-major process.

b) Interested ENGE students are required to meet with the Program Coordinator for the Mechatronics program to discuss the program’s purpose and identify the student’s interests the multidisciplinary degree program.

c) Students then submit their tentative degree plans to the MXET Program Coordinator for review.

d) Steps (b) and (c) above must be completed before students apply to the BS MXET degree program through the entry-to-a-major process on the Howdy web portal. The MXET Program Coordinator program will oversee the review process for the entry-to-a-major MXET applications. Admission into the BS MXET degree program will be based on a comprehensive review of the entry-to-a-major application by the MXET faculty.

E. Library

All necessary library resources are already in place, both at the University level and via the internet.
F. Facilities and Equipment

The Engineering Technology and Industrial Distribution Department currently houses all the laboratory, computational and pedagogical resources to support the proposed MXET program. Furthermore, the newly established 16,000 sq. ft. Engineering Innovation Center (EIC) in the College is well equipped to support the mechatronics and entrepreneurial focus areas for product and systems design and development activities for MXET undergraduate students at various stages of the program. EIC resources include more than 7,000 sq. ft. of multiuser collaboration spaces available to students for extended hours including weekends; it includes a 6,600 sq. ft. fabrication area with access to 3D printers, laser cutters, lathes and mills to support the development of multidisciplinary team project prototypes, and access to a conference room for remote collaborations with industry. Furthermore, the EIC offers students access to informal, non-academic programs such as Aggies Invent and Pop-Up Classes that promote collaborations across majors, innovation, and entrepreneurship.

G. Accreditation

The MXET program curriculum is designed to meet the General Engineering Technology program criteria of the Engineering Technology Accreditation Commission (ETAC) of the Accreditation Board for Engineering and Technology (ABET). The MXET program includes the eleven (a through k) learning outcomes required by ETAC. The lead society from which program evaluators are appointed is the American Society for Engineering Education (ASEE). ETAC/ABET requires that an institution seeking accreditation for a new engineering technology degree program must apply for an accreditation visit in the first fall after students have graduated from the new degree program. Further, an institution cannot seek accreditation until students have graduated from the new degree program. The other two engineering technology programs (Electronic Systems and Mechanical/Manufacturing) in the Look College are accredited by the Engineering Technology Accreditation Commission of ABET. The ETID Department and the Look College are very familiar with expectations for accredited engineering technology programs and will use its experience with the accreditation process in seeking accreditation for the MXET degree program as soon as students have graduated from the program.

H. Evaluation

The General Criteria of the Engineering Technology Accreditation Commission of ABET encompass eight criteria: Students, Program Educational Objectives, Student Outcomes, Continuous Improvement, Curriculum, Faculty, Facilities, and Institutional Support. Within the Dwight Look College, institutional processes and resources that support applications for accreditation for two existing ETAC/ABET accredited engineering technology programs will be used, virtually unchanged, for the following criteria: Students, Facilities, and Institutional Support. The criterion for Faculty has been met by the outstanding engineering technology faculty members of the Engineering Technology and Industrial Distribution Department within the Dwight Look College. Current ETID faculty members have been identified who will invest a portion of their time in the BS MXET degree program. In addition, the ETID Department is actively recruiting new faculty who will also be engaged in the delivery of the multidisciplinary engineering technology program. For example, the faculty member was hired at the end of the summer 2015 semester is teaching the classical controls course offered by the ESET program and is also developing a multidisciplinary course. In addition, another current ETID faculty member has been selected as the interim program coordinator and is responsible for the coordination of new
program activities and generation of paperwork associated with the new program request and approval process. It is expected that the qualifications of these faculty will satisfy the ETAC/ABET criterion for Faculty.

Program Educational Objectives have been developed and are included in this application. They will be refined using existing processes for review of the Program Educational Objectives by program stakeholders. In this way, the Program Educational Objectives criterion will be satisfied. Likewise, the Student Outcomes have been developed and are included in this application; thus, this criterion will be satisfied. The requirements for the Curriculum criterion were carefully considered in preparing the curriculum for the BS MXET degree program and the initial two focus areas. Therefore, it is expected that the Curriculum criterion will be satisfied.

The final criterion is Continuous Improvement, which requires that there be a process to evaluate achievement of student outcomes and a process to improve achievement of student outcomes. Continuous Improvement will be accomplished using a number of feedback mechanisms. The first will be course evaluations conducted by ETID faculty teaching MXET courses on a semester basis that will determine if the specific course objectives that are mapped to program outcomes have been met for each course. These data will then feed into a Learning Outcomes assessment across the entire program. Once each year, the Industrial Advisory Board will review the Capstone projects that MXET students are engaged in to evaluate how each student learning outcome is being achieved. These two processes will guide the activities undertaken by the MXET program to improve the curriculum and learning processes. In addition, the MXET program will include information and feedback provided by the Graduating Senior Survey, the Departmental Advisor Form, Former Student Survey, and Employer Survey. Given the experience of the ETID Department and the Dwight Look College with respect to the Continuous Improvement criterion, it is expected that the Continuous Improvement criterion will be satisfied.

III. Costs and Funding

Approximately 90 percent of new MXET curriculum will leverage current ESET and MMET courses and laboratories that are already in place. Therefore, most of the costs associated with the five-year startup costs for the MXET program will be for the development and delivery of four new (or highly modified) courses to support the new curriculum. In addition, student recruiting and enrollment advising will be performed using existing departmental resources.

Basically, the faculty required to deliver the MXET curriculum will grow from 0.5 FTE to 1.5 FTE over the five-year startup period to support program leadership and new course development and delivery. From year 3 to 5, the need for lecturers will grow from 1 to 2 FTEs to support growth requirements for new sections of current ESET and MMET courses. GAT support will grow from 2 to 5 in the first five years to accommodate additional lab sections of current and new lab sections of the four new courses. Administrative costs will start at a half-time employee beginning in year 2 and is expected to grow to a full-time person in year 5 to support the new program. Five-year funding includes use of reallocated funds which are derived from the hiring of a new faculty member who will focus on MXET course development and delivery, a current faculty member assuming responsibilities of program coordinator, and use of current funds to procure new laboratory equipment. In addition to the estimated $922,000 of anticipated New

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1 Please use the “Program Funding Estimation Tool” found on the CB website to correctly estimate state funding.

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New Program Request: Form for Bachelor's and Master's Degrees
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Formula Funding, $200,000 is included which will come from external industry support and additional DT funding that will be generated.

Five-Year Costs and Funding Sources
Table 11 presents the estimated costs and associated funding resources that are applicable to the new Multidisciplinary Engineering Technology program at Texas A&M University.

Table 11. Five-Year Costs and Funding Resources

<table>
<thead>
<tr>
<th>Five-Year Costs</th>
<th>Five-Year Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel¹</td>
<td>Reallocated Funds</td>
</tr>
<tr>
<td>Faculty</td>
<td>$1,025,000</td>
</tr>
<tr>
<td>Administration</td>
<td>$100,000</td>
</tr>
<tr>
<td>Graduate Assistants</td>
<td>$450,000</td>
</tr>
<tr>
<td>Clerical/Staff</td>
<td>$100,000</td>
</tr>
<tr>
<td>Other Personnel</td>
<td>$0</td>
</tr>
<tr>
<td>Facilities, Equipment &amp; IT Resources</td>
<td>$250,000</td>
</tr>
<tr>
<td>Supplies and Materials</td>
<td>$15,000</td>
</tr>
<tr>
<td>Library</td>
<td>$0</td>
</tr>
<tr>
<td>Other²</td>
<td>$17,000</td>
</tr>
<tr>
<td><strong>Total Costs</strong></td>
<td><strong>$1,957,000</strong></td>
</tr>
</tbody>
</table>

1. Report costs for reassigned faculty, new faculty hires, graduate assistants, and technical support personnel. Prorate individual salaries as a percentage of the time assigned to the program. If existing faculty will contribute to program, include costs necessary to maintain existing programs (e.g., cost of adjunct to cover courses previously taught by faculty who would teach in new program).
2. Specify other costs here (e.g., accreditation, travel).
3. Indicate formula funding for students new to the institution because of the program; formula funding should be included only for years three through five of the program and should reflect enrollment projections for years three through five.
4. Report other sources of funding here. In-hand grants, "likely" future grants, and fees can be included.

REFERENCE:


http://www.careerinfonet.org/oview2.asp?next=oview2&Level=edu3&optstatus=101000000&jobfam=&id=1%2C14&nodeid=4&soccode=&ShowAll=no&stfips=48

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http://www.careerinfonet.org/oview2.asp?next=oview2&Level=edu3&optstatus=101000000&jobfam=&id=1%2C14&nodeid=4&soccode=&ShowAll=no&stfips=48

[6] Charles A. Goldman, Lindsay Butterfield, Diana Lavery, Trey Miller, Lindsay Daugherty, Trinidad Beleche, and Bing Han, Using Workforce Information for Degree Program Planning in Texas, 2015.
Certification Form for New Bachelor's and Master's Programs
Texas Higher Education Coordinating Board

Directions: An institution shall use this form to request a new bachelor's or master's degree program that meets all criteria for automatic approval in Coordinating Board Rules, Chapter 5, Subchapter C, Section 5.44: (a) The program has institutional and governing board approval; (b) the program complies with the Standards for Bachelor's and Master's Programs; (c) adequate funds are available to cover the costs of the new program; (d) new costs during the first five years of the program will not exceed $2 million; (e) the program is a non-engineering program (i.e., not classified under CIP code 14); and (f) the program will be offered by a university or health-related institution.

If a new bachelor's or master's program does not meet the criteria above, an institution must submit a request using the Form for Requesting a New Bachelor's and Master's Degree Program.

Information: Contact the Division of Academic Affairs and Research at 512/427-6200 for more information.

Administrative Information

1. Institution:

   Texas A&M University

2. Program Name: Show how the program would appear on the Coordinating Board's program inventory (e.g., Bachelor of Business Administration degree with a major in Accounting; Bachelor of Arts in Interdisciplinary Studies with 4-8 ESL Generalist Certification).

   BS in Multidisciplinary Engineering Technology

3. Proposed CIP Code: 15.0000.00

4. Number of Required Semester Credit Hours (SCHs) (If the number of SCHs exceeds 120 for a bachelor's program, the institution must request a waiver documenting the compelling academic reason for requiring more SCHs):

   127 SCHs

   127 Semester Credit Hours is minimum requirement to achieve ABET/ETAC accreditation for Multidisciplinary Engineering Technology Program

5. Administrative Unit: Identify where the program would fit within the organizational structure of the university (e.g., The Department of Electrical Engineering within the College of Engineering).

   Department of Engineering Technology and Industrial Distribution within the Dwight Look College of Engineering

6. Delivery Mode: Identify how and where the program would be delivered, e.g. on-campus face-to-face, online, off-campus, interactive videoconferencing, hybrid, etc.

   On Campus face-to-face

7. Implementation Date: Report the first semester and year that students would enter the program.
Fall 2016

8. **Contact Person:** Provide contact information for the person who can answer specific questions about the program.

   **Name:** Dr. Reza Langari
   **Title:** Department Head, ETID
   **E-mail:** dlangari@tamu.edu
   **Phone:** 979-845-4951
Signature Page

I hereby certify that all of the following criteria have been met in accordance with the procedures outlined in Coordinating Board Rules, Chapter 5, Subchapter C, Section 5.44:

(a) The program has institutional approval.
(b) The program complies with the Standards for Bachelor's and Master's Programs.
(c) Adequate funds are available to cover the costs of the new program.
(d) New costs during the first five years of the program will not exceed $2 million.
(e) The program is a non-engineering program (i.e., not classified under CIP code 14).
(f) The program will be offered by a university or health-related institution.

I understand that the Coordinating Board will update the program inventory for the institution if no objections to the proposed program are received during the 30-day public comment period.

________________________________________  _______________________
Chief Executive Officer                                  Date

________________________________________  _______________________
I hereby certify that the Board of Regents has approved this program.

Date of Board of Regents approval: ______________________________

________________________________________  _______________________
Board of Regents (or Designee)                             Date