7. Change in Curriculum

**College of Architecture**
Department of Construction Science
Minor in Facility Management
CHANGE IN CURRICULA
CHANGE IN CURRICULUM

COLLEGE OF ARCHITECTURE

DEPARTMENT OF CONSTRUCTION SCIENCE

MINOR IN FACILITY MANAGEMENT
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):
   Construction Science

4. Program Designation and Name:
   Minor in Facility Management

5. Brief description of change:
   Add COSC 333 to knowledge domain II and replace COSC 326 with COSC 325

6. Rationale for change:
   Make minor more accessible to non-majors.

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-9A92-4F11-2756AD3BBF01D60

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/AD, 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:
Joseph Horlen
Department Head or Program Chair (Type Name & Sign) Date

Leslie Feigenbaum
Dean of College Date

Chair, College Review Committee Date

Leslie Feigenbaum
Dean of College 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
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Facility Management Minor (revision)
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 ___ 6 ___ hours of course work are required.
   COSC-450
   COSC-474

B. Select ___ 12 ___ hours from the following courses.
   Domain I (3 hrs) ACCT-209, 210; AGEC-422
   Domain II (3 hrs) ARCH-458; Comm-205, 315, 324
   Domain III (3 hrs) ARCH-310, 334, 421; COSC-325
   Domain IV (3 hrs) COSC-461; GEOG-390; LAND-481

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
College of Architecture students can apply no more than six hours of coursework toward both
At least two courses must be taken outside of the major area of study.
Must make a grade of C or better.

Reviewed and approved by:

[Signature] [Date] [Signature] [Date]
Department Head/Program Director AOC Dean of College
Facility Management - Minor

The Department of Construction Science offers a minor in Facility Management. This minor will encompass multiple disciplines to ensure functionality of the built environment by integrating people, place, process and technology.

Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>COSC 450</td>
<td>Facility Management Principles and Practices</td>
<td>3</td>
</tr>
<tr>
<td>COSC 474</td>
<td>Facility Management Summer Internship</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
<td>3</td>
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<tr>
<td>ACCT 209</td>
<td>Survey of Accounting Principles</td>
<td></td>
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<tr>
<td>ACCT 210</td>
<td>Survey of Managerial and Cost Accounting Principles</td>
<td></td>
</tr>
<tr>
<td>AGEC 422</td>
<td>Land Economics</td>
<td></td>
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<tr>
<td>FINC 409</td>
<td>Survey of Finance Principles</td>
<td></td>
</tr>
<tr>
<td>URPN 440</td>
<td>Urban and Regional Economic Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 458</td>
<td>Cultural and Ethical Considerations for Global Practice</td>
<td></td>
</tr>
<tr>
<td>COMM 205</td>
<td>Communication for Technical Professions</td>
<td></td>
</tr>
<tr>
<td>COMM 315</td>
<td>Interpersonal Communication</td>
<td></td>
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<tr>
<td>COMM 324</td>
<td>Communication Leadership and Conflict Management</td>
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<tr>
<td>COSC 353</td>
<td>Construction Project Management</td>
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<tr>
<td>MGMT 309</td>
<td>Survey of Management</td>
<td></td>
</tr>
<tr>
<td>URPN 440</td>
<td>Urban and Regional Economic Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
<td>3</td>
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<tr>
<td>ARCH 421</td>
<td>Energy and Sustainable Architecture</td>
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<tr>
<td>COSC 320</td>
<td>Mechanical, Electrical and Plumbing Systems in Construction</td>
<td></td>
</tr>
<tr>
<td>URPN 330</td>
<td>Land Development I</td>
<td></td>
</tr>
<tr>
<td>URPN 469</td>
<td>Urban Infrastructure</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
<td>3</td>
</tr>
<tr>
<td>COSC 461</td>
<td>Building Information Modeling System</td>
<td></td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Principles of Geographic Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

Total Semester Credit Hours 18

College of Architecture students can apply no more than six hours of coursework toward both the Facility Management Minor and their degree requirements.

At least two courses must be taken outside of the major area of study.

Must make a grade of C or better.
Required Required
Credits Courses

No A. General Electives 37hrs
Select any course 100-499 not used elsewhere. (except AERS
100-299; BIOL 101-110; CHEM 101-102, 111-112, 222,232,
242; ENGL 100-102; ENGR 101-102; GEOG 106; KINE 100-
119,121-152 ; MATH 100-120, 130 131, 141-142, 150, 165
166; MLSC 100-299; NVSC 100-299; PHYS 101-216; SOCI
105; SPAN 103.

Total Credits and GPA 0.000

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 C
Credits Courses

No A. Courses not applied

Total Credits and GPA

unofficial evaluation

Area: Facility Management Minor (18.000 credits) - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute C
Credits Courses

No A. COSC 450
Must make grade of 'C' or better.

No AND B. COSC 474
Must make grade of 'C' or better. (Internship)

No AND C. Knowledge Domain I 3hrs
Must make grade of 'C' or better.
Select from ACCT 205, 210; AGEC 422; FINC 469; URPN 440.

No AND D. Knowledge Domain II 3hrs
Must make grade of 'C' or better.
Select from ARCH 310, 334, 421; COSC 332; URPN 330, 469.

No AND E. Knowledge Domain III 3hrs
Must make grade of 'C' or better.
Select from ARCH 458; COMM 205, 315, 324; COSC 353.

No AND F. Knowledge Domain IV 3hrs
Must make grade of 'C' or better.
Select from COSC 461; GEOG 350; LAND 461.

Total Credits and GPA 0.000

unofficial evaluation

Area: University Writing Requirement - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute C
Credits Courses

No A. Writing Requirement
Two courses required. Only sections of CHEM 108-499 with the Writing attribute
[UMRT] or the Oral Communication attribute [UCRT] may be
used to satisfy this requirement.

Total Credits and GPA 0.000