Minor Change to an Undergraduate Program

Program Name: Construction Management

Complete only if applicable

Program named above is:

☐ Option within _________(degree program name)____

☐ Advising Pattern within _________(option name)____

within _______ (degree program name)____

☐ Minor

☐ Certificate

☐ Changes being made affect a subject matter preparation or credential program.

Brief rationale for change: Change BLAW 302 to BLAW 203

Recently, CM substituted MGMT 303 as a graduation requirement replacing BADM 300. The proposed change is to add BADM 300 to the "Option Selection" (Elective) list where MGMT 303 was before the substitution.

Does the proposed change enhance or support the Diversity Action Plan (see definition & Task 3.1)? no

If yes, please explain.

Required Signatures

The Department of Construction Management has reviewed and approves this program change

Chair, Department Curriculum Committee

Department Chair

The College of ECC has reviewed and approves this program change

Chair, College Curriculum Committee

College Dean

Send signature page with proposal attached to Curriculum Services at Undergraduate Education, zip 128

Curriculum Technical Review Completed

Date
The Bachelor of Science in Construction Management

Total Course Requirements for the Bachelor's Degree: 120 units

See Bachelor's Degree Requirements in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

A suggested Major Academic Plan (MAP) has been prepared to help students meet all graduation requirements within four years. You can view MAPs on the Degree MAPs page in the University Catalog or you can request a plan from your major advisor.

General Education Pathway Requirements: 48 units

See General Education in the University Catalog and the Class Schedule for the most current information on General Education Pathway Requirements and course offerings.

This major has approved GE modification(s). See below for information on how to apply these modification(s).

- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- CMGT 330 fulfills Upper-Division Natural Sciences.
- CMGT 360 is an approved GE Writing Intensive substitution.
- CMGT 455 is an approved GE Capstone substitution.

Diversity Course Requirements: 6 units

See Diversity Requirements in the University Catalog. Most courses taken to satisfy these requirements may also apply to General Education.

Literacy Requirement:

See Mathematics and Writing Requirements in the University Catalog. Writing proficiency in the major is a graduation requirement and may be demonstrated through satisfactory completion of a course in your major which has been designated as the Writing Proficiency (WP) course for the semester in which you take the course. Students who earn below a C- are required to repeat the course and earn a C- or higher to receive WP credit. See the Class Schedule for the designated WP courses for each semester. You must complete the GE Written Communication (A2) requirement before you may register for a WP course.
Course Requirements for the Major: 90 units

Completion of the following courses, or their approved transfer equivalents, is required of all candidates for this degree.

Minimum GPA for acceptance in the major: for both continuing and transfer students, a minimum cumulative GPA of 2.0 is prerequisite for being accepted as a Construction Management major.

Priority for enrollment in all Construction Management (CMGT) courses will be given to CMGT majors. Construction Management students taking any CMGT course for the first time will be granted priority over CMGT students who are attempting to repeat a course.

Enrollment in any mathematics course requires a grade of C- or higher in all prerequisite courses or their transfer equivalents.

Lower-Division Requirements: 42 45 units

13 14 courses required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Financial Accounting</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>ACCT 202</td>
<td>Introduction to Managerial Accounting</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ACCT 201.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLAW 203</td>
<td>Introduction to Business Law</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>CHEM 107</td>
<td>General Chemistry for Applied Sciences</td>
<td>4.0</td>
<td>FS    GE</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: Completion of ELM requirement, Intermediate Algebra.</td>
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<td></td>
</tr>
<tr>
<td>CMGT 100</td>
<td>Concepts of Construction</td>
<td>2.0</td>
<td>FS</td>
</tr>
<tr>
<td>CMGT 110</td>
<td>Construction Graphics</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Diagnostic assessment of fundamental knowledge for MS Operating System, Office, and Adobe software.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMGT 135</td>
<td>Construction Materials and Systems</td>
<td>3.0</td>
<td>FS</td>
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<tr>
<td>CMGT 210</td>
<td>Analysis of Construction Drawings and Specifications</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: CMGT 100, CMGT 110, CMGT 135.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMGT 235</td>
<td>Electrical and Mechanical Systems</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: CMGT 210.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 102</td>
<td>Principles of Macroeconomic Analysis</td>
<td>3.0</td>
<td>FS    GE</td>
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<tr>
<td>ECON 103</td>
<td>Principles of Microeconomic Analysis</td>
<td>3.0</td>
<td>FS    GE</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Analytic Geometry and Calculus</td>
<td>4.0</td>
<td>FS    GE</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: Completion of ELM requirement; both MATH 118 and MATH 119 (or college equivalent); first-year freshmen who successfully completed trigonometry and precalculus in</td>
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</tr>
</tbody>
</table>
high school can meet this prerequisite by achieving a score that meets department guidelines on a department administered calculus readiness exam.

**OR** (the following course may be substituted for the above)

MATH 109 Survey of Calculus 4.0 FS GE
Prerequisites: Completion of ELM requirement; MATH 118, MATH 119 (or High School equivalents).

PHYS 202A General Physics I 4.0 FS GE
Prerequisites: High school physics or faculty permission. High school trigonometry and second-year high school algebra or equivalent (MATH 051 and MATH 118 at CSU, Chico).

PHYS 202B General Physics II 4.0 FS
Prerequisites: PHYS 202A with a grade of C- or higher.

**Minimum Grade Requirement**

The following courses or their equivalents must each be completed with a minimum grade of C prior to enrollment in any required 300-level CMGT course: ACCT 201, CMGT 100, CMGT 110, CMGT 135, CMGT 210, and PHYS 202A.

**Upper-Division Requirements: 48 45 units**

**14 courses required:**

BLAW 302 Managing the Legal Environment - 3.0 FS -
Prerequisites: At least junior standing.

CMGT 330 Principles of Soil Mechanics and Foundations 3.0 FS
Prerequisite: PHYS 202A.

CMGT 332 Construction Method Analysis 3.0 FS
Prerequisite: CMGT 210.

CMGT 335 Construction Equipment 3.0 FS
Prerequisites: CMGT 330.

CMGT 340 Principles of Statics 3.0 FS
Prerequisites: MATH 120 or equivalent; PHYS 202A.

CMGT 345 Mechanics of Materials 3.0 FS
Prerequisites: CMGT 340.

CMGT 360 Construction Project Management 3.0 FS
Prerequisites: ACCT 201, CMGT 210.

CMGT 440 Temporary Structures 3.0 FS
Prerequisites: CMGT 345.

CMGT 450 Construction Estimating 3.0 FS
Prerequisites: ACCT 202, CMGT 332, CMGT 360.
CMGT 455 Construction Cost Management 3.0 FS
Prerequisites: CMGT 450.
CMGT 457 Project Control and Scheduling 3.0 FS
Prerequisites: CMGT 450.
CMGT 458 Heavy Construction Estimating 3.0 FS
Prerequisites: CMGT 335.
CMGT 460 Legal Aspects of Construction 3.0 FS WP
Prerequisites: Completion of GE Written Communication (A2) requirement, BLAW 302.
CMGT 462 Construction Contracts 3.0 FS
Prerequisite: CMGT 460.
MGMT 303 Survey of Management 3.0 FS

3 units selected from:

ACCT 320 Cost Management Accounting I 3.0 FS
Prerequisites: ACCT 201, ACCT 202 both with a grade of C or higher.
BADM 300 Communication in Business 3.0 FS WP
CMGT 270 Building Information Modeling 3.0 FS
Prerequisites: CMGT 110.
CMGT 352 Electrical Construction Estimating 3.0 FS
CMGT 380 Green Building Practices and LEED Certification 3.0 FS
FINA 307 Survey of Finance 3.0 FS
Prerequisites: ACCT 201, ECON 103.
MGMT 303 Survey of Management 3.0 FS
MGMT 304 Human Resource Management 3.0 FS
MGMT 345 Negotiation Techniques for Conflict Resolution 3.0 FA
MINS 301 Corporate Technology Integration 3.0 FS
MKTG 305 Survey of Marketing 3.0 FS
REAL 301 Principles of Real Estate 3.0 FS
Prerequisites: ECON 102, ECON 103.
OSCM 306 Operations Management 3.0 FS
Prerequisites: Business Administration or Business Information Systems status required for business majors. Completion of GE Pathway Foundation Quantitative Reasoning required for all majors.

Grading Requirement:
All courses taken to fulfill major course requirements must be taken for a letter grade except those courses specified by the department as Credit/No Credit grading only.

**Advising Requirement:**

Advising is mandatory for all majors in this degree program. Consult your undergraduate advisor for specific information.

**Honors in the Major:**

Honors in the Major is a program of independent work in your major. It requires 6 units of honors course work completed over two semesters.

The Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the University for submission in professional journals, presentation at conferences, or academic competition. Such experience is valuable for graduate school and professional life. Your honors work will be recognized at your graduation, on your permanent transcripts, and on your diploma. It is often accompanied by letters of commendation from your mentor in the department or the department chair.

Some common features of Honors in the Major program are:

1. You must take 6 units of Honors in the Major course work. All 6 units are honors classes (marked by a suffix of H), and at least 3 of these units are independent study (399H, 499H, 599H) as specified by your department. You must complete each class with a minimum grade of B.
2. You must have completed 9 units of upper-division course work or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements for your major carefully, as there may be specific courses that must be included in these units.
3. Your cumulative GPA should be at least 3.5 or within the top 5% of majors in your department.
4. Your GPA in your major should be at least 3.5 or within the top 5% of majors in your department.
5. Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the 6 units of course work over the two semesters of their senior year.
6. Your honors work culminates with a public presentation of your honors project.

While Honors in the Major is part of the Honors Program, each department administers its own program. Please contact your major department or major advisor to apply.
From: Arthur, Joel
Sent: Wednesday, April 19, 2017 11:44 AM
To: Rehg, Michael; Chiang, Dalen; Doyle, Stephen P.; CIM; Stapleton, Melody
Cc: Holman, Richard
Subject: RE: Change to BLAW 302 to lower division

Follow Up Flag: Follow up
Flag Status: Flagged

I Agree to this change.

From: Rehg, Michael
Sent: Wednesday, April 19, 2017 11:12 AM
To: Chiang, Dalen; Doyle, Stephen P.; Arthur, Joel; CIM; Stapleton, Melody
Subject: Change to BLAW 302 to lower division

Hi all,

The college of business has decided to move the BLAW 302 class down to the lower division, to be renumbered BLAW 202 in our BS and minor in Business Administration. This change will help bring our curriculum in line with the transfer model curriculum, and allow transfer students coming in with the lower division BLAW class to count it towards their degree. All the other CSUs teach the class in their lower division. Please let me know if you have any concerns over this change. We are currently working on the memo of intent. I believe I will need to show curriculum services that we have coordinated this with all affected departments, so please respond one way or another.

Thanks,

Mike

Michael T. Rehg, PhD
Chair, Department of Management
California State University, Chico
Chico, CA 95929
Phone: (530) 898-5663
Fax: (530) 898-5501
mrehg@csuchico.edu
Thanks Joel - I read your email wrong...sounds good.

Mike

Hi Mike,

Thanks. Actually for incoming students in the Fall, they will be required to take MGMT 303, so we are basically putting BADM 300 where MGMT 303 was in the option selection for new students. This change was done to satisfy accreditation requirements of having “Principles of Management” in our program that must be taken out of the CM Department. Another advantage for you (I think!) is that having students take MGMT 303 means that they can get a Business Minor more easily. So net effect, more students in MGMT 303 and less in BADM 300...

I do not think that moving BLAW 302 to the Sophomore will cause us much problem, but thought Rich may want to weigh in here...

Hope this helps with clarification,

Joel

Hi Joel,

The BADM 300 class is being managed by Dalen Chiang in BSIS now, so I am copying him on this email. It sounds fine what you are doing. It looks like your students take it now, so I am just wondering what would change? Would this result in more students taking the class?

Also, the college of business is changing the BLAW 302 class to a lower division class, probably BLAW 202. Does that present a problem with your program? The content will probably be altered a little bit, most likely cutting down on some of the content. Once I have a syllabus, I can send it to you.
Thanks,

Mike

From: Arthur, Joel
Sent: Wednesday, March 08, 2017 9:03 AM
To: Rehg, Michael <mrehg@csuchico.edu>
Subject: CM Department request to add BADM 300 as a Option Selection (Restricted Elective)

Hello Mike,

The CM Department would like to add BADM 300 to the list of classes that are required for graduation. It is in the option selection category in the flow sheet below. I plan to process a CPCR for this change based upon your decision if you approve. This was the course that was required that we swapped out for MGMT 303.

http://www.csuchico.edu/cm/_assets/documents/cm-flow.pdf

Thank you,

Joel Arthur, Phd, PE
Chair of Construction Management, and
Professor of Civil Engineering
California State University, Chico
Chico Ca 95929-0305
530.898.4292
The Bachelor of Science in Construction Management

Total Course Requirements for the Bachelor's Degree: 120 units

See Bachelor's Degree Requirements in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

A suggested Major Academic Plan (MAP) has been prepared to help students meet all graduation requirements within four years. You can view MAPs on the Degree MAPs page in the University Catalog or you can request a plan from your major advisor.

General Education Pathway Requirements: 48 units

See General Education in the University Catalog and the Class Schedule for the most current information on General Education Pathway Requirements and course offerings.

This major has approved GE modification(s). See below for information on how to apply these modification(s).

- Take only one course in either Arts (C1) or Humanities (C2). The other is waived.
- CMGT 330 fulfills Upper-Division Natural Sciences.
- CMGT 360 is an approved GE Writing Intensive substitution.
- CMGT 455 is an approved GE Capstone substitution.

Diversity Course Requirements: 6 units

See Diversity Requirements in the University Catalog. Most courses taken to satisfy these requirements may also apply to General Education.

Literacy Requirement:

See Mathematics and Writing Requirements in the University Catalog. Writing proficiency in the major is a graduation requirement and may be demonstrated through satisfactory completion of a course in your major which has been designated as the Writing Proficiency (WP) course for the semester in which you take the course. Students who earn below a C- are required to repeat the course and earn a C- or higher to receive WP credit. See the Class Schedule for the designated WP courses for each semester. You must complete the GE Written Communication (A2) requirement before you may register for a WP course.

Course Requirements for the Major: 90 units

Completion of the following courses, or their approved transfer equivalents, is required of all candidates for this degree.

Minimum GPA for acceptance in the major; for both continuing and transfer students, a minimum cumulative GPA of 2.0 is prerequisite for being accepted as a Construction Management major.

Priority for enrollment in all Construction Management (CMGT) courses will be given to CMGT majors. Construction Management students taking any CMGT course for the first time will be granted priority over CMGT students who are attempting to repeat a course.

Enrollment in any mathematics course requires a grade of C- or higher in all prerequisite courses or their transfer equivalents.

Lower-Division Requirements: 42 units

13 courses required:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Gen Ed</th>
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</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Financial Accounting</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>ACCT 202</td>
<td>Introduction to Managerial Accounting</td>
<td>3.0</td>
<td>FS</td>
</tr>
</tbody>
</table>

Prerequisites: ACCT 201.

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Gen Ed</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 107</td>
<td>General Chemistry for Applied Sciences</td>
<td>4.0</td>
<td>GE</td>
</tr>
</tbody>
</table>

http://catalog.csuchico.edu/viewer/CMGT/CMGTONONEB5.html
Prerequisites: Completion of ELM requirement, Intermediate Algebra.

CMGT 100 Concepts of Construction 2.0 FS
CMGT 110 Construction Graphics 3.0 FS

Prerequisite: Diagnostic assessment of fundamental knowledge for MS Operating System, Office, and Adobe software.

CMGT 135 Construction Materials and Systems 3.0 FS
CMGT 210 Analysis of Construction Drawings and Specifications 3.0 FS

Prerequisites: CMGT 100, CMGT 110, CMGT 135.

CMGT 235 Electrical and Mechanical Systems 3.0 FS

Prerequisite: CMGT 210.

ECON 102 Principles of Macroeconomic Analysis 3.0 YS GE
ECON 193 Principles of Microeconomic Analysis 3.0 FS GE

MATH 120 Analytic Geometry and Calculus 4.0 FS GE

Prerequisites: Completion of ELM requirement; both MATH 118 and MATH 119 (or college equivalent); first-year freshmen who successfully completed trigonometry and precalculus in high school can meet this prerequisite by achieving a score that meets department guidelines on a department administered calculus readiness exam.

OR (the following course may be substituted for the above)

MATH 109 Survey of Calculus 4.0 FS GE

Prerequisites: Completion of ELM requirement; MATH 118, MATH 119 (or High School equivalents).

PHYS 202A General Physics I 4.0 FS GE

Prerequisites: High school physics or faculty permission. High school trigonometry and second-year high school algebra or equivalent (MATH 051 and MATH 118 at CSU, Chico).

PHYS 202B General Physics II 4.0 FS

Prerequisites: PHYS 202A with a grade of C- or higher.

Minimum Grade Requirement

The following courses or their equivalents must each be completed with a minimum grade of C prior to enrollment in any required 300-level CMGT course: ACCT 201, CMGT 100, CMGT 110, CMGT 135, CMGT 210, and PHYS 202A.

Upper-Division Requirements: 48 units

15 courses required:

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Type</th>
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<tbody>
<tr>
<td>BLAW 302</td>
<td>Managing the Legal Environment</td>
<td>3.0</td>
<td>FS</td>
</tr>
</tbody>
</table>

Prerequisites: At least junior standing.

CMGT 330 Principles of Soil Mechanics and Foundations 3.0 FS

Prerequisite: PHYS 202A.

CMGT 332 Construction Method Analysis 3.0 FS

Prerequisite: CMGT 210.

CMGT 335 Construction Equipment 3.0 FS

Prerequisites: CMGT 330.

CMGT 340 Principles of Statics 3.0 FS

Prerequisites: MATH 120 or equivalent; PHYS 202A.

CMGT 345 Mechanics of Materials 3.0 FS

Prerequisites: CMGT 340.

CMGT 360 Construction Project Management 3.0 FS
Prerequisites: CMGT 210.

CMGT 440  Temporary Structures  3.0  FS

Prerequisites: CMGT 345.

CMGT 450  Construction Estimating  3.0  FS

Prerequisites: CMGT 225, CMGT 322, CMGT 335.

CMGT 455  Construction Cost Management  3.0  FS

Prerequisites: CMGT 450.

CMGT 457  Project Control and Scheduling  3.0  FS

Prerequisites: CMGT 450.

CMGT 458  Heavy Construction Estimating  3.0  FS

Prerequisites: CMGT 335.

CMGT 460  Legal Aspects of Construction  3.0  FS  WP

Prerequisites: ENGL 130 or JOUR 130 (or equivalent) with a grade of C- or higher, BLAW 302, BLAW 414, senior standing.

3 units selected from:

ACCT 320  Cost Management Accounting I  3.0  FS

Prerequisites: ACCT 202; BADM 103 or MATH 105 or MATH 108.

CMGT 352  Electrical Construction Estimating  3.0  FS

Prerequisites: CMGT 120.

CMGT 380  Green Building Practices and LEED Certification  3.0  FS

FINA 307  Survey of Finance  3.0  FS

Prerequisites: ACCT 201, ECON 103.

MGMT 303  Survey of Management  3.0  FS

MGMT 304  Human Resource Management  3.0  FS

MGMT 345  Negotiation Techniques for Conflict Resolution  3.0  FA

MINS 301  Corporate Technology Integration  3.0  FS

MKTG 305  Survey of Marketing  3.0  FS

REAL 301  Principles of Real Estate  3.0  FS

Prerequisites: ECON 102, ECON 103.

OSCM 306  Operations Management  3.0  FS

Prerequisites: Business Administration or Business Information Systems status required for business majors. Completion of GE Pathway Foundation Quantitative Reasoning required for all majors.

Grading Requirement:

All courses taken to fulfill major course requirements must be taken for a letter grade except those courses specified by the department as Credit/No Credit grading only.

Advising Requirement:

Advising is mandatory for all majors in this degree program. Consult your undergraduate advisor for specific information.

Honors in the Major:

Honors in the Major is a program of independent work in your major. It requires 6 units of honors course work completed over two semesters.

The Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the University for submission in professional journals, presentation at conferences, or academic competition. Such experience is valuable for
Prerequisites: ACCT 201, CMGT 210.
CMGT 440 Temporary Structures 3.0 FS
Prerequisites: CMGT 345.
CMGT 450 Construction Estimating 3.0 FS
Prerequisites: ACCT 202, CMGT 332, CMGT 360.
CMGT 455 Construction Cost Management 3.0 FS
Prerequisites: CMGT 450.
CMGT 457 Project Control and Scheduling 3.0 FS
Prerequisites: CMGT 450.
CMGT 458 Heavy Construction Estimating 3.0 FS
Prerequisites: CMGT 335.
CMGT 460 Legal Aspects of Construction 3.0 FS WP
Prerequisites: Completion of GE Written Communication (A2) requirement, BLAW 302.
CMGT 462 Construction Contracts 3.0 FS
Prerequisite: CMGT 460.
MGMT 303 Survey of Management 3.0 FS

3 units selected from:

ACCT 320 Cost Management Accounting I 3.0 FS
Prerequisites: ACCT 201, ACCT 202 both with a grade of C or higher.
CMGT 270 Building Information Modeling 3.0 FS
Prerequisites: CMGT 110.
CMGT 352 Electrical Construction Estimating 3.0 FS
CMGT 380 Green Building Practices and LEED Certification 3.0 FS
FINA 307 Survey of Finance 3.0 FS
Prerequisites: ACCT 201, ECON 103.
MGMT 303 Survey of Management 3.0 FS
MGMT 304 Human Resource Management 3.0 FS
MGMT 345 Negotiation Techniques for Conflict Resolution 3.0 FA
MINS 301 Corporate Technology Integration 3.0 FS
MKTG 305 Survey of Marketing 3.0 FS
REAL 301 Principles of Real Estate 3.0 FS
Prerequisites: ECON 102, ECON 103.
OSCM 306 Operations Management 3.0 FS
Prerequisites: Business Administration or Business Information Systems status required for business majors. Completion of GE Pathway Foundation Quantitative Reasoning required for all majors.

Grading Requirement:
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Some common features of Honors in the Major program are:

1. You must take 6 units of Honors in the Major course work. All 6 units are honors classes (marked by a suffix of H), and at least 3 of these units are independent study (399H, 499H, 599H) as specified by your department. You must complete each class with a minimum grade of B.
2. You must have completed 9 units of upper-division course work or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements for your major carefully, as there may be specific courses that must be included in these units.
3. Your cumulative GPA should be at least 3.5 or within the top 5% of majors in your department.
4. Your GPA in your major should be at least 3.5 or within the top 5% of majors in your department.
5. Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the 6 units of course work over the two semesters of their senior year.
6. Your honors work culminates with a public presentation of your honors project.

While Honors in the Major is part of the Honor's Program, each department administers its own program. Please contact your major department or major advisor to apply.
## Major Academic Plan (MAP)

### Degree Units: 120
- Major Units: 90
- Elective Units: 0

### Major: The Bachelor of Science in Construction Management

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<tr>
<th>First Semester</th>
<th>Second Semester</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMGT 100 [*C]</td>
<td>CMGT 110 [*C]</td>
<td>[*Z SUB] This course is an approved GE Capstone Substitution.</td>
</tr>
<tr>
<td>CHEM 107 (GE B1)</td>
<td>CMGT 135 [*C]</td>
<td>[*C] C or Better is required.</td>
</tr>
<tr>
<td>ECON 102 (GE Area D2)</td>
<td>CMST 131 (GE A1) [*C-]</td>
<td>[*C-] C- or Better is required.</td>
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<tr>
<td>GE A2 [*C-]</td>
<td>ECON 103 (GE Area D1)</td>
<td>[*C] Must be completed with a C or better PRIOR to enrollment in any required 300-level CMGT course.</td>
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<td>GE A3 [*C-]</td>
<td>MATH 120 or MATH 109 (GE A4) [*C-]</td>
<td>[*WI SUB] This course is an approved GE Writing Intensive substitution.</td>
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<td><strong>Total Units:</strong> 15</td>
<td><strong>Total Units:</strong> 16</td>
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<th>Third Semester</th>
<th>Fourth Semester</th>
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<tbody>
<tr>
<td>ACCT 201 [*C]</td>
<td>ACCT 202</td>
</tr>
<tr>
<td>CMGT 210 [*C]</td>
<td>PHYS 202B</td>
</tr>
<tr>
<td>PHYS 202A [*C]</td>
<td>CMGT Selection</td>
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<tr>
<td>HIST 130 or POLS 155</td>
<td>GE Area E</td>
</tr>
<tr>
<td>GE Area C</td>
<td><strong>Total Units:</strong> 13</td>
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<td><strong>Total Units:</strong> 16</td>
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<th>Fifth Semester</th>
<th>Sixth Semester</th>
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<tr>
<td>BADM 300 (WP) [*C-]</td>
<td>CMGT 332</td>
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<tr>
<td>CMGT 235</td>
<td>BLAW 414</td>
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<td>CMGT 330</td>
<td>BLAW 302</td>
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<tr>
<td>CMGT 340</td>
<td>CMGT 335</td>
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<tr>
<td>CMGT 360 [*WI SUB]</td>
<td>CMGT 345</td>
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<td>CMGT 440</td>
<td>CMGT 455 [*Z SUB]</td>
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<td>CMGT 450</td>
<td>CMGT 457</td>
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<tr>
<td>CMGT 460 (WP) [*C-]</td>
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<td>HIST 130 or POLS 155</td>
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<td>GE UD Pathway</td>
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(Consult the 2016-2017 University Catalog for official degree program)