Residential Construction Management (RECM)

SUPPLEMENTAL CM INFORMATION

Note: An assumption is made that some students are already proficient in Microsoft Office – Excel, PowerPoint, Word and Access. If not, the student may want to consider taking CS 11000 or CS 23500

*Note: Students may have to take MA 15300 (Algebra & Trigonometry I – 3 credits) first, depending on their math readiness. The pre-requisite for MA 15800 is an ALEKS score of at least 60 or a grade of C- or better in MA 15300 or a Math SAT score of at least 550 or ACT Math 24 or higher.

CONCENTRATION REQUIREMENT
Students will be required to choose an area of concentration prior to taking CM 30000. Within the CM 20000 course all students will be exposed to each of the concentration areas to gain insight before selecting their concentration (though students are permitted to select a concentration area any time prior to CM 30000). Students will receive specialized instruction relating to their concentration within the CM 30000 course. The student’s capstone project in CM 40000 and CM 45000 will then focus on the student’s area of concentration. Students are only allowed to select ONE concentration area. Concentration area must be different than student’s major area of study. The five concentrations are:

COMMERCIAL CONSTRUCTION MANAGEMENT
DEMOlITION & RESTORATION MANAGEMENT IN THE BUILT ENVIRONMENT
HEALTHCARE CONSTRUCTION MANAGEMENT
MECHANICAL & ELECTRICAL CONSTRUCTION MANAGEMENT
RESIDENTIAL CONSTRUCTION MANAGEMENT

RESIDENTIAL SELECTIVE (At least 1 credit from the following):
AD 12500, or AD 39500, or AD 39700, or AD 45400, or AGEC 33100, or BCM 32000, or BCM 33000, or BCM 36100, or BCM 41200, or BCM 46000, or BCM 51000, or CGT 36000, or LA 15000, or LA 15100, or LA 15200.

ENGLISH COMPOSITION FIRST YEAR SELECTIVE: Any course from the following:
ENGL 10600, or ENGL 10800, or HONR 19903, or SLCA 10100, ENGL 10100, or ENGL 10200, or ENGL 10300, or ENGL 10400, or ENGL 10500, or ENGL W1310, or ENGL W1400, or ENGL W2330.

ADVANCED COMMUNICATION OR ENGLISH SELECTIVE:
Credit in a Foreign Language
AGEC 33100 Principles of Selling in Agricultural Business
COM 31400 Advanced Public Speaking
COM 31500 Speech Communication of Technical Information
COM 31800 Principles of Persuasion
COM 32000 Small Group Communication
COM 32400 Introduction to Organizational Communication
COM 32500 Interviewing: Principles and Practice
COM 41500 Discussion of Technical Problems
ENGL 42000 Business Writing
ENGL 42100 Technical Writing
ENGL 42000E Business Writing (Entrepreneurship Section)
ENGL 49000 Worksite Internship Practicum

LAB SCIENCE SELECTIVE: 3 credits in this area are needed for graduation. The courses listed below in bold are 4 or more credit hour courses. The course(s) must have a lab component. You must meet all course pre-requisites. Choose from the following:
Chemistry - CHM 11100, CHM 11200, CHM 11500, CHM 11600, CHM 12500, CHM 12600, CHM 13600, CHM 20000
Earth, Atmospheric, and Planetary Sciences - EAPS 11100, EAPS 11200
Physics - PHYS 21900, PHYS 22100, PHYS 27200

MANAGEMENT SELECTIVE:
MGMT 44301 Management of Human Resources
OBHR 33000 Introduction to Organizational Behavior
TLI 11200 Foundations of Organizational Leadership
TLI 15200 Business Principles for Organizational Leadership
TLI 21300 Project Management
TLI 25300 Principles of Technology Strategy
TLI 25400 Leading Change in Management of Human Resources

BUSINESS SELECTIVE:
ENTR 20000 Introduction To Entrepreneurship & Innovation
MGMT 20100 Management Accounting I
MGMT 32300 Introduction To Market Analysis
TLI 31600 Statistical Quality Control
STAT 22500 Introduction To Probability Models
STAT 30100 Elementary Statistical Methods

HUMAN FOUNDATIONS SELECTIVE
Choose from Human Cultures: Humanities (HUM) category on this link: http://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html

Effective Fall 2017
Revised 3/28/2017
GLOBAL SELECTIVE: Study Abroad or any of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANSC 38100</td>
<td>Leadership for a Diverse Workplace</td>
<td>ANTH 20500</td>
<td>Human Cultural Diversity</td>
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<tr>
<td>ANTH 23000</td>
<td>Gender Across Cultures</td>
<td>ANTH 34000</td>
<td>Global Perspectives on Health</td>
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<tr>
<td>COM 32000</td>
<td>Small Group Communication</td>
<td>COM 41200</td>
<td>Theories of Human Interaction</td>
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<tr>
<td>ENGL 41400</td>
<td>Literature &amp; Culture Settings Sustainable Tourism</td>
<td>HIST 19500</td>
<td>Historical Research and Film</td>
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<tr>
<td>HMT 37000</td>
<td>Responsible Travel</td>
<td>HMT 37200</td>
<td>Global Tourism Geography</td>
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<tr>
<td>POL 23500</td>
<td>Rich and Poor Nations</td>
<td>POL 42900</td>
<td>World Technology and the Global Community</td>
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<tr>
<td>SOCI 33900</td>
<td>Introduction to Sociology of Developing Nations</td>
<td>SCIO 33000</td>
<td>Society</td>
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<td>WGS 38000</td>
<td>Gender and Multiculturalism</td>
<td>ECET 29000</td>
<td>International Experience</td>
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<tr>
<td>AAS 37000</td>
<td>Variable Title: History of Injustice Stress &amp; Coping in Contemporary Famil</td>
<td>AT 23300</td>
<td>Ethics and Aviation</td>
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<td>HDFS 33200</td>
<td>Family</td>
<td>HEBR 38500</td>
<td>The Holocaust in Modern Hebrew Literature</td>
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<td>PSY 12000</td>
<td>Elementary Psychology</td>
<td>PSY 25000</td>
<td>Psychology of Adjustment</td>
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<tr>
<td>AGR 20100</td>
<td>Communication Across Cultures</td>
<td>COM 30300</td>
<td>Intercultural Communication</td>
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<td>EDPS 31700</td>
<td>Collaborative Leadership: Mentoring</td>
<td>EDPS 30100</td>
<td>Peer Counselling Training</td>
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<td>Any foreign language 200 or higher</td>
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INTERCULTURAL REQUIREMENT

Students are required at minimum to complete the following:

- Complete the Pre- and Post- Intercultural Development Inventory Assessments (1st and 4th year)
- Complete the Pre- and Post- BEVI (1st and 4th years)
- Complete one (1) of the following Intercultural Knowledge and Effectiveness (IKE’s) components below:
  - Crosswalk Commons (Residential Living Experience for a minimum of one semester)
  - Serve as a BGRI Program leader
  - PUPIL (Purdue University Passport to Intercultural Learning) (Obtain at least 2-badges)
  - Participate in two (2) Boiler Out Program Activities
  - Participate in Host-a-Boiler
- Complete one (1) of the following:
  - An international capstone, collaborative project, or
  - An international internship, or
  - A Faculty-led Study Abroad program, or
  - Complete 3 credit hours of courses from the Polytechnic list of recommended Global/Cultural Courses. ***Must be in a category other than Increasing Self-Awareness and outside of your home department

CONSTRUCTION WORK EXPERIENCE

A minimum of 800 hours of post high school construction work experience is required for graduation with a baccalaureate degree. Summer construction jobs, CM internships, or CM Co-op programs may be used to satisfy this requirement. To document your work hours, go to the CM website and look for Work Experience Form. That will bring up a writeable PDF file with directions for you to follow. Once forms have been completed and hours have been verified, students will be allowed to register for CM 39000 or CM 49000 depending on the number of work hours completed. Both CM 39000 and CM 49000 are required.

PROGRESSION POLICY

Students must meet the following requirements to progress in the CM major. Failure to meet these standards will require the student to CODO out of the School of Construction Management. CM majors must earn a grade of “C-” or better in all CM courses and all courses that are a prerequisite to a CM course. The “C-” grade must be earned before enrolling in subsequent courses. CM courses can be repeated only once.

Appeal

Students that are not allowed to continue with CM courses due to the Progression Policy may make a written appeal to the Head of the School of Construction Management Technology if they believe there are extenuating circumstances that caused them to be dropped from the school.

Departmental Policy

It is the responsibility of each student to assure that he or she fulfills the necessary pre-requisites and courses to meet graduation requirements. Questions may be directed to a CM advisor.
OPTIONAL CERTIFICATES AND MINORS

Organizational Leadership & Supervision Minor

- TLI 11200 Foundations of Technical Leadership or OLS 25200 Human Behavior in Organizations
- TLI 15200 Business Principles for Org Leadership or OLS 27400 Applied Leadership
- TLI 21300 Project Management or TLI 25300 Principles of Tech Strategy or OLS 28400 Leadership Principles
- TLI 25400 Leading Change in Tech Orgs or OLS 38600 Leadership for Org Change and Innovation

Computer Graphics (BIM) Minor

- CGT 16400 Graphics for CE & Construction (required for CM)
- CGT 36000 Applications of Construction Documentation I (spring only)
- CGT 46000 Building Information Modeling (BIM) For Commercial Construction (spring only)
- CGT 46200 Applications of Construction Documentation II (fall only)

Entrepreneurship Certificate for CM Students

- ENTR 20000 Introduction to Entrepreneurship and Innovation
- ENTR 31000 Mktg Mgmt for New Ventures
- ENGL 42000 Business Writing (Entrepreneurship Section) or AGEC 33100 Principles of selling on Agricultural Business or COM 31400 Advanced Public Speaking
- CM 45500 Construction Business and Contracts
- CM 48701 Construction Capstone

Cornerstone Certificate: An Integrated Liberal Arts Program

- The mission of this liberal-arts-based program is to significantly enhance the educational experience of all students, bridging the College of Liberal Arts and other units across campus; introducing and integrating students to the worlds of engineering, technology, science, medicine, business, public policy, and agriculture; and providing them with the skills and edification of a humanities education. Below are some of the details of this certificate. For more information see a CM advisor
- Completion of 15 credit hours from approved courses within the College of Liberal Arts in one of 5 tracks:
  - Conflict Resolution, Governance and Justice
  - Engineering, Technology and Society
  - Health, Medicine and Society
  - Management, Organizations and Ethics
  - Science, Environment and Sustainability
- Level 1: Explore – SCLA 10100, SCLA 10200
- Level 2: Invent – one 200 level “bridge” course
- Level 3: Engage – two 300-400 level courses