

**2015-16 Approved Degree Requirements for the UALR
B.S. Degree in Construction Management (125 credit hours)**

1. UALR General Education Requirements (35 credit hours)

a. UALR Standard Core (21 hours)

- Communication-Written (6 hours)
- History of Civilization (3 hours)
- U.S. Traditions (3 hours)
- Fine Arts (3 hours)
- Humanities (3 hours)
- Social Sciences (3 hours)

b. EIT College Core (14 hours)

- Mathematics (3 hours)
- Science (8 hours)
- Humanities, Social Sciences, Oral Communication, or Interdisciplinary (3 hours)

2. Major Requirements (90 credit hours)

a. Communications (9 hours—0 hours beyond the UALR General Education Requirements)

- RHET 1311 Composition I
- RHET 1312 Composition II
- SPCH 1300 Speech Communication

b. Business (12 hours—9 hours beyond the UALR General Education Requirements)**

- **ACCT 2310 Principles of Accounting I
- ECON 2301 Survey of Economics
or ECON 2322 Principles of Microeconomics
- **MGMT 3300 Principles of Management
- **MGMT 4391 Employment Law
or MKTG 2380 Legal Environment of Business

c. Mathematics and Science (15 hours—4 hours beyond the EIT College Core)**

- MATH 1451 Calculus I (**1 hour exceeds EIT College Core)
- ERSC 1302 Physical Geology
- ERSC 1102 Physical Geology Lab
- PHYS 1321 College Physics I
- PHYS 1121 College Physics I Lab
- **CPSC 1370 Computer Literacy
or BINS 1310 Fundamentals of Information Technology

d. Construction and Engineering (77 credit hours)

- CNMG 1101 First-Year Colloquium in Construction
- CNMG 1201 The Construction Industry
- CNMG 1305 Drawings and Specifications
- CNMG 2313 Construction Materials and Methods
- CNMG 2314 Mechanical, Electrical, and Plumbing (MEP) Systems
- **CNMG 2316 Construction Surveying with Lab**
- CNMG 2318 Building Information Modeling (BIM)
- CNMG 2333 Statics and Strength of Materials
- CNMG 3195 Community Service Projects
- CNMG 3321 Steel Construction
- CNMG 3322 Concrete Construction
- **CNMG 3327 Field Engineering and Construction Equipment**
- CNMG 3339 Estimating I
- **CNMG 3347 Engineering Soil Mechanics with Lab**
- CNMG 4144 Construction Project Acquisition
- CNMG 4310 Construction Financial Management
- CNMG 4311 Estimating II
- CNMG 4315 Construction Business Operations
- CNMG 4318 Advanced BIM
- CNMG 4323 Construction Administration
- CNMG 4325 Project Quality Control (QC) and Submittals
- CNMG 4327 Temporary Structures
- CNMG 4329 Construction Planning and Scheduling
- CNMG 4334 Construction Contracts and Law
- CNMG 4342 Construction Safety
- CNMG 4361 Green Construction
- CNMG 4145 Professional Constructor Certification
- CNMG 4245 Construction Management Capstone
- Approved Electives (3 hours)
 1. CNMG 2330 Introduction to Sustainability
 2. CNMG 2199/2299/2399 Special Topics in Construction
 3. CNMG 3324 Heavy Civil Construction
 4. **CNMG 4354 Highway Engineering**
 5. CNMG 4391 Cooperative Education
 6. CNMG 4395 Professional Development
 7. CNMG 4199/4299/4399 Special Topics in Construction
 8. CNMG 4100/4200/4300 Independent Study
 9. SPCH 3316 Interviewing

3. Professional Requirements

- a. Pass the American Institute of Construction (AIC) Associate Constructor (AC) Examination.
- b. Document at least 800 hours of practical work experience in approved engineering- or construction-related activities, such as student competitions, part-time or full-time employment, internships, cooperative education, community service learning projects, or prior experience.