**B.S. in Construction Systems Management**

**Major: Construction Systems Management**

**Effective Fall 2015**

*All students must complete two Global Issues courses (▲). This requirement is the successor to the diamond/ asterisk requirement. All students must fulfill a Social Diversity requirement in the GE which is done by completing Rural Soc 1500 or Soc 1101.*

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| FAES 1100 (0.5 cr hr) and CSM 1100 (0.5 cr hr) | 1 |
| English 1110 First Year English Composition | 3 |
| Writing Level 2 (2367) (see approved CFAES list) | 3 |
| Agr Comm 3130 or Comm 2110 Speech | 3 |
| Math 1148 College Algebra | 4 |
| Data Analysis1 | 3 |
| Entomology 1111 Biology of Orgsms Affecting Bldgs | 4 |
| Physics 1200 Mechanics, Kinematics, Fluids,Waves | 5 |
| Earth Science 1121 The Dynamic Earth | 4 |
| ENR 3000/3001 Soil Science | 4 |

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| Social Science 1: Rur Soc 1500 or Soc 1101 | 3 |
| Social Science 2: AED Econ 2201 or Econ 2001 | 3 |
| Historical Study (see approved CFAES list) | 3 |
| Culture & Ideas or Historical Study (see approved CFAES list) | 3 |
| Literature (see approved CFAES list) | 3 |
| Art (see approved CFAES list) | 3 |
| **Total GEC:** | **52** |

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| Construction Sys Mgt Core | 55 |
| Construction Management Supporting Courses | 15 – 17 |
| Internship (CSM 3191) | 2 |
| Electives | 4 - 6 |
| **Total Credit Hours:** | **130** |

1Options: Com Ldr 3537, AED Econ 2005, An Sci 2260,

H&CS 2260, ENR 2000, Stat 1450

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| **1. Construction Systems Management Core** | |  | |
|  | |  | |
| CSM 2205 | Intro to Construction Management | | 3 |
| CSM 2240 | Construction Materials & Methods I | | 3 |
| CSM 2241 | Construction Materials & Methods II | | 3 |
| CSM 2305 | Professional Development I | | 2 |
| CSM 2310 | Electrical & Lighting Systems for Bldgs | | 3 |
| CSM 2345 | Mechanical Systems for Buildings | | 3 |
| CSM 2440 | Construction Surveying & Site Develop | | 4 |
| CSM 2600 | Construction Safety and Health | | 3 |
| CSM 3450 | Estimating | | 4 |
| CSM 3451 | Scheduling | | 4 |
| CSM 3545 | Structures for Construct Managers I | | 3 |
| CSM 3546 | Structures for Construct Managers II | | 3 |
| CSM 4605 | Professional Development II | | 1 |
| CSM 4641 | Construction Project Management | | 2 |
| CSM 4642 | Construction Contracts & Documents | | 3 |
| CSM 4660 | Heavy Construction Management | | 3 |
| CSM 4900 | Construction Management Capstone | | 3 |
| CSE 1112 | Computer Assisted Problem Solving | | 3 |
| Engr 1121 | Graphics Presentations I | | 2 |
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|  | | | 55 |
| ***Technical Electives*** (Choose one if the total credit hours under the 5 categories marked with “\*” is equal to 15) | | |  |
| CSM 5670 | Green Bldg and Sustainable Constr | | 3 |
| CSM 5680 | Constr Renovation and Demolition | | 3 |
| CE 5810 | Constr. Safety and Forensics | | 3 |
| CE 5820 | Construction estimating | | 3 |
| City 5001 | Introduction to GIS | | 4 |

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| **2. Construction Systems Management Elective Courses** | | **15-17** |
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| ***Principles of Management*** \*(Choose one) | |  |
| AED Econ 3101 | Principles of Agribusiness Management | 3 |
| BUS-MHR 3100 | Foundations of Management and HR | 3 |
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| ***Accounting*** \*(Choose one) | |  |
| AED Econ 2105 | Managerial Records and Analysis | 3 |
| Acct & MIS 2200 | Introduction to Accounting I | 3 |
| Acct & MIS 2000 | Foundations of Accounting | 3 |
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| ***Business Law*** \*(Choose one; Bus-Fin 3500 & 4510 equal one course) | |  |
| AED Econ 3170 | Agricultural Law | 3 |
| Bus-Fin 3500 & | Legal Environment of Business | 1.5 |
| 4510 (both req’d) | Legal Business Issues | 1.5 |
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| ***Finance\**** (Choose one) | |  |
| AED Econ 31031 | Principles of Agribusiness Finance | 3 |
| BUS-FIN 31202 | Foundations of Finance | 3 |
| ***Human Resources\**** (Choose one) | |  |
| AED Econ 3160 | Human Resource Mgt in Small Business | 2 |
| BUS-MHR 3300 | Managing Human Resources | 3 |
| Com Ldr 3530 | Foundations of Pers and Prof Leadership | 3 |
| Com Ldr 4430 | Leadership in Teams and Community Org | 3 |
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| ***Business Electives*** (Choose one if the total credit hours under the 5 categories marked with “\*” is less than 15) | |  |
| Acct & MIS 2300 | Introduction to Accounting II | 3 |
| AED Econ 3102 | Principles of Agribusiness Marketing | 3 |
| AED Econ 3121 | Salesmanship in Agriculture | 2 |
| BUS-FIN 3290 | Foundations of Entrepreneurial Finance | 3 |
| BUS-FIN 3400 | Introduction to Real Estate | 3 |
| BUS-FIN 4412 | Real Estate Law | 3 |
| BUS-M&L 3150 | Foundations of Marketing | 3 |
| BUS-M&L 3241 | Intro to Entrepreneurial Marketing |  |
| BUS-MGT 3130 | Foundations of Operations Management | 3 |
| BUS-MHR 2000 | Introduction to International Business | 1.5 |
| BUS-MHR3510.01 | New Venture Creation | 3 |
| BUS-MHR 3520 | Leading High-Performance Ventures | 3 |
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| 1Prerequisite: Acct & MIS 2200 | | |
| 2Prerequisite: Acct & MIS 2000 | | |