

CONSTRUCTION MANAGEMENT & DESIGN**Bachelor of Science (BS)**

This is a guide based on the 2026-2027 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST**94 hours required – No minor required****Required Courses:**

- ___ CM126 Computer Aided Architectural Drafting (3)
 ___ CM143 Construction Methods & Materials I (3)
 ___ CM226 Residential Architectural Drafting & Design (3)
 ___ CM243 Construction Methods & Materials II (3)
 ___ CM260 Computer Methods of Construction Managers (3)
 ___ CM310 Building Codes & Compliance (3)
 ___ CM315 Construction Contracts & Legal Issues (3)
 ___ CM320 Construction Cost Estimating (3)
 ___ CM322 Commercial Architectural Drafting & Design (3)
 ___ CM325 Building Mechanical & Electrical Systems (3)
 ___ CM330 Construction Planning & Scheduling (3)
 ___ CM343 Construction Surveying & Testing (3)
 ___ CM410 Construction Project Administration (3)
 ___ CM510 Building Information Modeling (3)
 ___ FM504 Facilities Management (3)
 ___ GO110 Physical Geology
 OR ___ CH181 Basic Principles of Chemistry (3)
 ___ IM300 Technical Communication (3)
 ___ IM301 Industrial Safety Supervision (3)
 ___ IM311 Statistical Process Control (3)
 ___ IM317 Internship (3)
 ___ IM419 Industrial Supervision (3)
 ___ IM506 Projects in IET (3)
 ___ IM515 Advanced Technical Communication (3)
 ___ MA116 Precalculus A (3)
 ___ MA117 Precalculus B (3)
 ___ MI101 Introduction to Computer Applications (3)
 ___ MN220 Engineering Econ Analysis (3)
 OR ___ EC215 Principles of Microeconomics (3)
 ___ PH106/107 Physical Concepts/Lab (4)
 ___ SW207 Understand Cultural & Social Diversity (3)
 OR ___ SO101 Introduction to Sociology (3)
 OR ___ PY101 Introduction to Psychology (3)

Choose 6 hours of Technical Elective:

- ___ ET382 Unmanned Aircraft Systems Fundamentals (3)
 ___ FM544 Sustainable Construction Materials & Technology (3)
 ___ IM309 Science, Technology, and Society (3)
 ___ IM410 Manufacturing Research in a Global Society (3)
 ___ IM597 Technology Management Internship (3)

General Education Requirements – some requirements may be fulfilled by coursework in major program.

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	1	CH181/GO110	3
	EN100	3	CM226	3
	CM126	3	CM243	3
	CM143	3	MA116	3
	MI101	3	General Education	3
	Total	13	Total	15
SECOND YEAR	CM260	3	CM315	3
	IM301	3	CM322	3
	MA117	3	IM300	3
	SW207/SO101/PY101	3	PH106/107	4
	General Education	3	General Education	3
	Total	15	Total	16
THIRD YEAR	CM310	3	CM320	3
	CM325	3	CM343	3
	CM330	3	CM510	3
	MN220/EC215	3	IM317	3
	General Education	3	General Education	3
	Total	15	Total	15
FOURTH YEAR	IM311	3	CM410	3
	IM419	3	IM506	3
	FM504	3	IM515	3
	Technical Elective 1	3	Technical Elective 2	3
	General Education	3	General Education	4
	Total	15	Total	16

**Many major courses are on a set rotation and thus dependent on when prerequisite courses are completed. The actual semester a course is taken may vary based on the rotation.*

Degree requirements for all students: a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

A minimum 2.0 GPA in the major and overall are required to graduate with a BS degree.



Revised
9/21/2026

DEGREE MAP
2026-2027



SOUTHEAST MISSOURI
STATE UNIVERSITY · 1873

Center for Academic Advising | semo.edu/advising
Office of Admissions | (573) 651-2590 | admissions@semo.edu