South Dakota State University

Bachelor of Science
Major: Construction Management
2025-2026 Sample 4-Year Plan
Total Degree Requirements: 120 credits

Student _____ **Student ID#** _____ **Student Phone #** _____

Advisor _____ **Minimum GPA** 2.25 **Minor/Career Interest(s)** _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the Undergraduate Catalog.

FIRST YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CM 130	Management Tools and Analysis		3		
GE 101	Introduction to Engineering and Technical Professions		1		
MATH 120 or MATH 121/L or MATH 123	Trigonometry (SGR #5) or Survey of Calculus and Lab (SGR #5) or Calculus I (SGR #5)	p. placement	3 or 4 or 4		
SGR #1	Written Communication		3		
SGR #4	Arts and Humanities		3		
		Total Credit Hours	13 to 14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CHEM 106 or CHEM 112	Chemistry Survey (SGR #6) or General Chemistry I (SGR #6)	p. One collegiate math course p. MATH 114	3		
CHEM 106L or CHEM 112L	Chemistry Survey Lab (SGR #6) or General Chemistry I Lab (SGR #6)	c. CHEM 106 c. CHEM 112	1		
CM 124	Construction Graphics		3		
Electives			1 to 3		
SGR #2	Oral Communication		3		
SGR #3	Social Sciences	Must fulfill civics requirement	3		
		Total Credit Hours	16 to 18		

SECOND YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CM 210	Construction Surveying	p. MATH 115 or MATH 120	3		
CM 210L	Construction Surveying Lab	c. CM 210	1		
CM 216	Construction Methods and Materials	p. MATH 103 or MATH 114	3		
CM 216L	Construction Methods and Materials Lab		1		
ENGL 277	Technical Writing in Engineering (SGR #1)	p. ENGL 101	3		
PHYS 111 or PHYS 207	Introduction to Physics I (SGR #6) or Fundamentals of Physics I (SGR #6)	p. MATH 114 or higher; or consent p. MATH 123	3		
PHYS 111L or PHYS 207L	Introduction to Physics I Lab (SGR #6) or Fundamentals of Physics I Lab (SGR #6)	c. PHYS 111 c. PHYS 207	1		
		Total Credit Hours	15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ACCT 210	Principles of Accounting I		3		
CM 232	Cost Estimating	p. CM 216 or CEE 216 or CIM 125	3		
ECON 201	Principles of Microeconomics (SGR #3)		3		
GE 241	Applied Mechanics	p. MATH 120 and (PHYS 111, PHYS 113, PHYS 115, and PHYS 211)	3		
SGR #4	Arts and Humanities		3		
		Total Credit Hours	15		

Information Subject to Change. This is not a contract.

p. = Course Prerequisite, c. = Course Co-requisite
Semester: F = Fall, S = Spring, SU = Summer

THIRD YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ACCT 211	Principles of Accounting II	p. ACCT 210	3		
CM 320	Construction Soil Mechanics	p. >=C grade in GE 241	3		
CM 320L	Construction Soil Mechanics Lab	c. CM 320	1		
CM 352	Advanced Estimating with BIM	p. CM 232 or consent	3		
CM 374	Heavy Construction Methods and Systems	p. >=C grade in GE 241 or >=C grade in EM 214	3		
STAT 281	Introduction to Statistics	p. MATH 103 or higher	3		
		Total Credit Hours	16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CM 333	Mechanical, Electrical, Plumbing Systems		3		
CM 353	Construction Structures	p.>=C grade in GE 241	3		
CM 400	Risk Management and Construction Safety	c. Sophomore standing or higher	3		
CM 443	Construction Planning and Scheduling	p. CM 232 or consent	3		
Technical Elective		c. Construction	3		
		Total Credit Hours	15		

FOURTH YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
GE 385	Introduction to Engineering Systems Management		3		
MNET 460	Engineering Economic Analysis	p. MATH 114	3		
CM 410	Construction Project Management & Supervision	p. CM 443	3		
GE 231	Technology, Society, and Ethics		3		
Technical Elective		c. Construction	3		
		Total Credit Hours	15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CM 471	Capstone Experience	p. CM 352; c. Senior standing	2		
CM 473	Construction Law and Contracts	c. Senior standing or consent	3		
CM 490	Seminar	c. Senior standing	1		
CSC 325	Management Information Systems		3		
HRM 460 or LDR 435	Human Resource Management or Organizational Leadership & Team Development	p. MGMT 360 or AGEC 371 or c. Junior standing	3		
Technical Elective		c. Construction	3		
		Total Credit Hours	15		

COMMENTS/NOTES

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the Honors program requirements.

A cumulative GPA of 2.25 is required to graduate with a Bachelor of Science in Construction Management.