

CONSTRUCTION MANAGEMENT, BACHELOR OF SCIENCE (BS)

New program beginning in the 2025\2026 academic year.

Curriculum Guide

GPA Requirement

Major GPA: 2.00 or higher
Overall GPA: 2.00 or higher

Summary*

| Code | Title | Hours |
|------|--|-------|
| | Rock Studies 2 Requirements | 44 |
| | Other Basic Requirements | 0-3 |
| | Major/Concentration Requirements | 73 |
| | Natural Science and Math College-Wide Requirements | 12 |
| | Elective | 3 |

* All undergraduate degree programs require a minimum of 120 credits. Some courses meet multiple requirements, but are only counted once toward the 120 credit total required to graduate.

Rock Studies 2 Requirements

| Code | Title | Hours |
|---|--|-------|
| The Rock | | |
| SUBJ 139 | Foundations of Academic Discovery ¹ | 3 |
| ENGL 102 | Critical Writing | 3 |
| ENGL 104 | Critical Reading | 3 |
| MATH 225 | Calculus I | 4 |
| | Select one of the following: | 3 |
| COMM 200 | Civil Discourse: Theory & Practice | |
| PHIL 110 | Ethics and Civil Discourse | |
| POLS 235 | Civil Discourse and Democracy | |
| | Subtotal | 16 |
| Integrated Inquiry | | |
| <i>Creative and Aesthetic Inquiry</i> | | |
| | Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | 3 |
| <i>Humanities Inquiry</i> | | |
| | Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | 3 |
| <i>Social Science Inquiry</i> | | |
| | Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | 3 |
| <i>Natural Sciences Inquiry</i> | | |
| CHEM 107 | General Chemistry I | 3 |
| <i>Physical Sciences Inquiry</i> | | |
| PHYS 216 | University Physics 1 with Lab | 4 |
| | Subtotal | 16 |
| Additional Rock Studies Requirements | | |

| Required Thematic Thread Coursework: | | |
|--------------------------------------|--------------------------------------|-----------|
| MGMT 351 | Organizational Behavior | 3 |
| ENGL 205 | Introduction to Professional Writing | 3 |
| STAT 152 | Elementary Statistics I | 3 |
| ECON 202 | Principles of Microeconomics | 3 |
| | Subtotal | 12 |
| | Total Hours | 44 |

¹ Course offered in multiple subjects; cannot take course in first major subject.

Basic Math Requirement

Check with your adviser or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

| Code | Title | Hours |
|--|--------------------|------------|
| Complete one of the following: | | 0-3 |
| Meet required minimum SAT or ACT math score OR | | |
| ESAP 110 | Beginning Algebra | |
| | Total Hours | 0-3 |

DIVERSITY, EQUITY, AND INCLUSION REQUIREMENT

Students must take and pass a course with the Diversity, Equity, and Inclusion (DEI) designation prior to graduation. Students can meet this requirement by taking any DEI - designated course in any program at any time during their undergraduate career.

Major/Concentration Requirements

- 37 major credits must be taken at SRU or PASSHE
- 37 major credits must be taken at the 300 level or above

| Code | Title | Hours |
|---|--|-------|
| Required Construction Management Courses | | |
| ENGR 120 | Engineering Design Tools ¹ | 2 |
| ENGR 210 | Statics ¹ | 3 |
| ENGR 220 | Engineering Materials ¹ | 3 |
| ENGR 230 | Mechanics of Materials ¹ | 3 |
| ENGR 231 | Mechanics of Materials Lab ¹ | 1 |
| ENGR 340 | Engineering Economics ¹ | 3 |
| CIVL 210 | Elementary Survey ¹ | 3 |
| CIVL 310 | Structural Engineering ¹ | 4 |
| CIVL 410 | Structural Steel Design ¹ | 3 |
| CIVL 411 | Reinforced Concrete Design ¹ | 3 |
| CIVL 440 | Construction Management ¹ | 3 |
| CIVL 441 | Sustainable Development ¹ | 3 |
| COMG 100 | Fundamentals of Construction Management | 3 |
| COMG 220 | Construction Estimating and Scheduling with Lab | 3 |
| COMG 240 | Quantity Surveying and Document Analysis | 3 |
| COMG 320 | Soil and Foundation for Construction | 3 |
| COMG 330 | Facility Systems Design and Construction | 3 |
| COMG 340 | Mechanical and Electrical Systems for Construction | 3 |

| | | |
|----------------------|--|-----------|
| COMG 350 | Construction Law and Contracts | 3 |
| COMG 420 | Heavy Construction Methods and Equipment | 3 |
| COMG 440 | Construction Cost Control with Lab | 3 |
| COMG 460 | Capstone Project | 3 |
| Subtotal | | 64 |
| Other Courses | | |
| ACCT 209 | Financial Accounting ¹ | 3 |
| ACCT 340 | Legal Environment of Business ¹ | 3 |
| SAFE 258 | Construction Safety ¹ | 3 |
| Total Hours | | 73 |

¹ Course counts for 50% of Major requirements and Major GPA

* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

FREE ELECTIVE

| Code | Title | Hours |
|----------------------|-------|----------|
| Select three credits | | 3 |
| Total Hours | | 3 |

Natural Science and Math College-Wide Requirements

| Code | Title | Hours |
|--------------------|----------------------------------|-----------|
| CHEM 107 | General Chemistry I ¹ | 3 |
| MATH 225 | Calculus I ¹ | 4 |
| PHYS 216 | University Physics 1 with Lab | 4 |
| Total Hours | | 11 |

¹ Course can be counted as a Rock Studies 2 Requirement, but earns credit only once toward your 120-credits total.

Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

CONSTRUCTION MANAGEMENT - BS (6186)

This program is effective as of Fall 2025

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UCC 10.26.2021