

Construction Management prepares students to work in an integrated team with a diverse group of owners, architects, engineers, construction craftspersons, and material suppliers. The manager helps to ensure that the owner's goals for cost, schedule, quality, and sustainability are met. Students may enter the Bachelor of Science program as first-year students or as transfer students. Our graduates have excellent placement rates and starting salaries.

The Bachelor of Science degree in Construction Management at ESF is distinguished by a strong emphasis on project-based learning, a unique focus on sustainability, a hands-on laboratory environment, and a strong relationship with Syracuse University.

- Students are engaged each semester in classes, clubs, and competitions that allow them to take on responsibility and deliver projects for the campus and community. Whether building bridges or tiny homes, planning net zero projects for displaced residents or autistic children, CM students are building our future. To read how the CM students won a national prize for their work, and then helped the project be built.
- ESF is a leader in sustainability, and the Construction Management program is no different. Our CM students take multiple courses on sustainability, and a majority take and pass the LEED Green Associate exam. CM students help to organize and run the NYS Green Building Conference, where they meet and engage with professionals on the cutting edge of the industry.
- The green building materials lab, the wood machining lab, and the material testing lab give students the hands-on experience to understand the materials and processes used for construction.
- ESF construction managers work alongside Syracuse University architects and engineers on integrated team projects and competitions. ESF Construction Management students taking classes at Syracuse University find themselves working with students from Real Estate, Management, Architecture, and Civil Engineering majors.

The educational program, leading to the professional Bachelor of Science degree in Construction Management, is accredited by the American Council for Construction Education.

Lower Division Required Courses

Course Number	Course	Codes *	Credits
APM 104	College Algebra & PreCalculus	G	3
APM 105	Survey Of Calc & Appl I	G	4
APM 103	Applied College Algebra and Trigonometry	G	3
CME 306106	Engr Materials/Sustainable Cons		3
CME 132	Orientation Seminar:SCME		1
CME 342142	Intro to Cons Mgt: Light Construction		3

Formatted Table

CME 215	Sustainable Construction		3
<del>OR</del> <del>CME 304</del>	<del>Envrn Perform Measures/Bldgs</del>		<del>3</del>
CME 226	Statics&Mechanics of Materials		4
<del>CME 306</del>	<del>Engr Materials/Sustainable Cons</del>		<del>3</del>
CME 332	Mech/Elect Equipment		3
<del>CME 342</del>	<del>Light Construction</del>		<del>3</del>
EWP 190	Writing And The Envrnment	G	3
EWP 220	Public Presentation Skills		2 - 3
EWP 290	Research Writing & Humanities	G	3
FCH 110	Survey of Chemical Principles	G	3
FCH 111	Survey/Chemical Principles Lab		1
<del>FOR 110</del>	<del>Environmental Physics</del>	<del>G</del>	<del>3</del>
FOR 205	Principles of Accounting		3
FOR 207	Introduction To Economics	G	3
FOR 360	Principles of Mgmt/Envrn Prof		3
<del>PHY 211</del>	<del>General Physics I</del>	<del>G</del>	<del>0-8</del>
<del>PHY 224</del>	<del>General Physics I Laboratory</del>		<del>0-8</del>

Formatted Table

### General Education Courses

Course	Codes*	Credits
General Education Course in one of the following categories: US History & Civic Engagement, The Arts, World History and Global Awareness, World Languages	G	3
General Education Course in Diversity, Equity, Inclusion and Social Justice	G	3

### Upper Division Required Courses

Course Number	Course	Codes *	Credits
APM 391	Intro/Probability&Stats	G	3
CME 255	Plan Interpn&Quantity Takeoff		3
CME 303	Construction Mngmnt Internship		1 - 3
CME 305	Sustainable Energy Sys/Bldgs		3
CME 327	Site Investigatns & Solutions		3
CME 331	Construction Safety		3
CME 335	Cost Engineering		3
CME 343	Construction Estimating		3
<del>ERE</del> <del>CME 371</del>	<del>Surveying For Engineers</del> <del>Cons Mgrs</del>		<del>3</del> <del>1</del>
CME 404	Applied Structures		3
CME 405	Bldg Info Modelng/Cons Mgt		3
<del>CME 440</del>	<del>Capstone Planning</del>		<del>1</del>
CME 453	Construct Plan/Scheduling		3
CME 454	<del>Construction Project Mgt</del> <del>Capstone</del>		3
CME 455	Construct Contracts/Specs		3
<del>CME 456</del>	<del>Advanced Skills for Cons Mgt</del>		<del>3</del>
CME 497	Senior Ethics Seminar		1

<del>ERE 371</del>	<del>Surveying For Engineers</del>		<del>3</del>
FOR 485	Business and Managerial Law		3
RMS 387	Renewable Mat/Sustainable Cons		3
RMS 422	Composite Mat/Sustainable Cons		3
<del>CME 403</del>	<del>Construction Management Internship-II</del>		
<del>OR</del>	<del>OR</del>		
<del>CME 488</del>	<del>Prof Cons Mgt Presentation Seminar</del>		<del>1</del>
<del>OR</del>	<del>OR</del>		
<del>CME 490</del>	<del>CAC Exam Preparation</del>		

Formatted Table

Formatted: Font: (Default) Arial, 10 pt, Bold

## Free Electives

Course	Codes*	Credits
Electives		18

Total Minimum Credits For Degree: ~~42~~4122