



## Bachelor of Science in Construction Management Pathway HOUSTON COMMUNITY COLLEGE

To earn a bachelor's degree from National University students must complete a minimum of 180 quarter units. Requirements include but are not limited to the university's general education program (to include upper division and cultural diversity), the preparatory courses listed below, major core coursework and any additional courses necessary to fulfill overall program requirements.

The table below maps National University's Foundation Construction Mgt courses to equivalencies identified at **HOUSTON COMMUNITY COLLEGE**.

Click [here](#) for NU and Community Colleges Articulation Agreement.

HOUSTON COMMUNITY COLLEGE	NATIONAL UNIVERSITY
<b>Equivalent Transfer Course</b>	<b>Preparatory Courses Required</b>
SPCH1315- Public Speaking	COM103*- Public Speaking
MATH2412- Precalculus	MTH215*- College Algebra & Trigonometry
PHYS1305- Introductory Physics I	PHS104*- Introductory Physics
No Equivalent at Houston Community College	PHS104A*- Introductory Physics Lab (1.5 quarter units) or PHS130A^- Physics Lab for Engineering (1.5 quarter units)
No Equivalent at Houston Community College	ILR260* Academic Information Literacy
ENGR1204- ENGINEERING GRAPHICS I	EGR219- Intro to Graphics and Auto CAD
No Equivalent at Houston Community College	EGR220- Engineering Mathematics
ENGR2301- Engineering Statics ENGR2332- Engineering Mechanics of Materials	EGR225- Statics & Strength of Material
ACCT2301- Principles of Accounting I	ACC201- Financial Accounting Funds.
No Equivalent at Houston Community College	CSC220- Applied Probability & Stats.
<b>REQUIREMENTS FOR THE MAJOR</b> (22 courses; 96 quarter units)	
MGT 309 Prin. of Management & Organizations	CEN 416 Mech and Electrical Systems
EGR 310 Engineering Economics	CEN 419 Est., Scheduling and Control
EGR 320 Scientific Problem Solving	EGR 440 Project Management Fundamental
EGR 320L Scientific Problem Solving-LAB (1.5 quarter units)	CEN 420 Est., Scheduling & Control II
EGR 316 Legal Aspects of Engineering	CEN 422 Field Inspection and Safety
DEN 308 Computer Aided Engineering I	CEN 421 Construction, Acct, Finance and Law
CEN 320 Surveying, Metrics and GIS	CEN 425 Design & Const Process Integra
CEN 323 Structural Analysis	CEN 480 Sustainable Construction
CEN 325 Soil Mechanics and Foundation	CEN 486A Construction Senior Project I
CEN 410 Construction Materials and Methods	CEN 486B Construction Senior Project II
CEN 413 Plans and Specifications	CEN 486C Construction Senior Project III

**Note:** These requirements are subject to change. Please see National University's online General Catalog for official record of requirements for the year you are admitted.

^ For online students only

\* May be used to meet a General Education requirement.