



## BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT PATHWAY

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 of Construction Management courses to equivalencies identified at **PALOMAR COLLEGE**.

Click [here](#) for NU catalog and detail information about the program.

PALOMAR COLLEGE	NATIONAL UNIVERSITY
<b>Equivalent Transfer Course</b>	<b>Preparatory Courses Required</b>
SPECH 100 Oral Communication	COM 103* Public Speaking
MATH 135 Precalculus Mathematics	MTH 215* College Algebra & Trigonometry
PHYS 101 Introduction to Physics	PHS 104* Introductory Physics
PHYS 101 Introduction to Physics <b>OR</b> No course equivalency with PHS130A	PHS 104A* Introductory Physics Lab <b>OR</b> PHS 130A^ Physics Lab for Engineering
LT 105 Research Skills & Informed Learning <b>OR</b> LT120 Information Sources and Service/reference	ILR 260* Academic Information Literacy
ENGR 101 AutoCAD Introduction to Computer Aided Drafting <b>AND</b> ENGR 102 AutoCAD II	EGR 219 Intro to Graphics and Auto CAD
No course equivalency	EGR 220 Engineering Mathematics
ENGR 235 Engineering Mechanics – Statics <b>AND</b> ENGR 245 Properties of Materials	EGR 225 Statics & Strength of Material
ACCT 201 Financial Accounting	ACC 201 Financial Accounting Funds.
No course equivalency	CSC 220 Applied Probability & Stats.
<b>Requirements for the Major</b> (22 courses; 96 quarter units)	
MGT 309 Prin. of Mgmt & 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 qtr 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 Constr, 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 Constr Materials and Methods	CEN 486B Construction Senior Project II
CEN 413 Plans and Specifications	CEN 486C Construction Senior Project III

**Note:** There 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.

**May 2023**