

CROSS DISCIPLINARY STUDIES MINOR IN HEAVY CIVIL

Select from the following: 4-6

CM 113 Construction Materials and
& CM 114 Assemblies
 and Construction Materials and
 Assemblies Lab

CE 259 Civil Engineering Materials
& CM 310 and Construction Means and
 Methods

Select from the following: 6

CM 115 Fundamentals of Construction
 Management

CE/CM 371 Construction Management and
& CE 113 Project Planning
 and Computer Aided Drafting in Civil
 Engineering

BRAE 239 Engineering Surveying 4
or CM 239 Construction Surveying

CE 222 Introductory Experiments in
 Transportation Engineering 1

CM 232 Evaluation of Cost Alternatives 3

CM 314 Heavy Civil Construction
 Management 5

CE 321 Fundamentals of Transportation
 Engineering 3

CE 413 Advanced Civil Computer-Aided Site
 Design 2

CE 429 Highway Pavement Designs 4

CE 474 Environmental Compliance and
 Permitting 2

CM 280 Building Information Modeling 2

CE/CM 436 Heavy Civil Temporary Structures and
 Shoring 4

CE/CM 437 Heavy Civil Projects and Equipment 4

CM 422 Professional Preparation 3
or CM 485 Cooperative Education Experience

Total units **47-49**