

# M. E. RINKER, SR. SCHOOL OF CONSTRUCTION MANAGEMENT

## COURSE DIAGRAM FOR HEAVY CONSTRUCTION MANAGEMENT CURRICULUM UNIVERSITY OF FLORIDA

FRESHMAN AND SOPHOMORE CURRICULUM	First Semester Junior	Second Semester Junior	First Semester Senior	Second Semester Senior	CURRENT ELECTIVES OFFERED
<p><b>PREPROFESSIONAL</b></p> <p>CONST. MATERIALS BCN 1210 (3)</p> <p>CONST. DRAWING BCN 1251C (3)</p> <p>CONST. MECHANICS BCN 2405C (4) (OR BCN 2400C &amp; 2401C)</p> <p>GENERAL PHYSICS I* PHY 2053* (4)</p> <p>GENERAL PHYSICS I LAB* PHY 20053L* (1)</p> <p>GENERAL PHYSICS II* PHY 2054* (4)</p> <p>GENERAL PHYSICS II LAB* PHY 20054L* (1)</p> <p>PRIN. OF MACROECONOMICS* ECO 2013 (4)</p> <p>WRITING ACADEMIC ARGUMENTS* ENC 1101 (3)</p> <p>RHETORIC AND ACADEMIC RESEARCH* ENC 1102 (3)</p> <p>PROF. WRITING IN CONS.* ENC 3254 (3)</p> <p>ANAL. GEOM. &amp; CALCULUS* MAC 2311 (4)</p> <p>INTRO. TO STATISTICS 1* STA 2023 (3)</p> <p>ELEMENTARY SPANISH SPN 1180 (3)</p> <p>INTRO. TO PUBLIC SPEAKING SPC 2608 (3)</p> <p>INTRO. TO FINAN. ACCOUNTING ACG 2021C (4)</p> <p>LEGAL ENV. BUSINESS BUL 4310 (4)</p> <p><i>WHAT'S A GOOD LIFE HUM 2305*</i> (3)</p> <p><i>THEATRE APPRECIATION DIVERSITY COURSE*</i> (3)</p> <p><i>INTRO TO BLDG CONST BCN 1001</i> (1)</p> <p><i>INTERNATIONAL SUSTAINABLE DEVELOPMENT * BCN 1582</i> (3)</p> <p>Last Updated: June 2016 New curriculum starts Summer B 2016</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3027C (3) Introduction to Const. Management</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3255C (3) Graphic Communication in Const.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3224C (3) Construction Techniques</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3431C (3) Structures</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3730 (3) Const. Safety, Health, and Environment</p> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3700 (3) Construction Contracts</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3611C (3) Construction Estimating I</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3223C (3) Soils and Concrete</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3521C (2) Electrical Systems</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>MAN 3025 (4) Prin. of Management</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Elective I (3)</p> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 4612C (3) Construction Estimating II</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 4720 (3) Construction Planning &amp; Control</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 4423C (3) Temporary Structures</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 4510C (4) Mechanical Systems</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3240C (3) Equip. &amp; Meth. For Heavy/Hwy Constr.</p> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 5705C (3) Construction Project Management</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 5789C (3) Construction Capstone Project</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 4753 (3) Construction Finance</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 3281C (2) Construction Methods Lab (Surveying)</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>BCN 4880 (3) Management Heavy/Hwy Constr.</p> </div>	<p><b>Residential Emphasis:</b> I: REE 3043 (Fall only) (4) Real Estate Analysis <u>Choose one of the following:</u> REE 4303 (Spring only) Real Estate Investment Decision Making OR BCN 4237 (Spring only) Roofing Systems OR BCN 4105 (Spring only) Sustainable Housing III: BCN 4787C (3) Construction Capstone Project - Residential</p> <p><b>Heavy Construction Emphasis:</b> I: BCN 3240C (3) Equip/Meth Heavy Constr. II: BCN 4880 (3) Management Heavy Construction III: BCN 4787C (3) Construction Capstone Project – Heavy Construction</p> <p><b>Electives for No Emphasis:</b> BCN 3012 (3) History of Construction* (3) BCN 4237 (3) Roofing Systems (3) BCN 4252 (3) Intro to Building Info Modeling (3) BCN 4723 (3) Design-Build Delivery Methods (3) BCN 4905 (3) Special Studies in Construction (3) BCN 4949 (3) Construction Management Internship (3) BCN 4956 (1-4) International Studies in Const. (3) FIN 3403 (4) Business Finance (4) MAR 3023 (4) Prin. of Marketing (4) REE 3043 (4) Real Estate Analysis (3) URP 4000 (3) Preview of Urban and Regional Planning (3) LAA 2330 (3) Site Analysis (3)</p>
	<p>* Denotes a course which can be used to satisfy 36 credit hours General Education requirements at UF - ENC 3254 and ENC 1102 will satisfy the 6 credit hours of the Composition requirement.</p> <p>- HUM 2305 will satisfy the 3 credit hours Humanities requirement. Students will still need to satisfy 3 additional credit hours of Humanities (both courses required for UF students only).</p> <p>- ECO 2013 and BCN 1582 will satisfy the 6 credit hours Social/Behavioral Sciences requirement and BCN 1582 satisfies the 3 credit hours International Focus requirement only (BCN 1582 is required for required for UF students only).</p> <p>- PHY 2053, PHY 2054, will satisfy 8 of the 9 credit hours Physical and Biological Sciences requirement.</p> <p>- MAC 2311 and STA 2023 will satisfy the 6 credit hours Mathematical Sciences requirement.</p> <p>- Students should progress in phase through each semester from first semester junior observing mandatory prerequisites.</p> <p>- To determine prerequisites for a course, follow those bold lines which converge on the course.</p> <p>- Freshman &amp; Sophomore Sub-Total 64 Credits; Junior &amp; Senior Sub-Total 61 Credits, Total: 125 Credits.</p>				