

FLORIDA INTERNATIONAL UNIVERSITY  
 MOSS SCHOOL OF CONSTRUCTION, INFRASTRUCTURE AND SUSTAINABILITY  
 MASTER OF SCIENCE PROGRAM IN CONSTRUCTION MANAGEMENT

**REVISED: JUNE 2017**

STUDENT \_\_\_\_\_ PANTHER ID NUMBER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PRIOR DEGREE(S) \_\_\_\_\_

\_\_\_\_\_ GPA \_\_\_\_\_ GMAT/GRE \_\_\_\_\_ TOEFL \_\_\_\_\_

E-MAIL \_\_\_\_\_ TELEPHONE \_\_\_\_\_

**FOUNDATION COURSES** Students lacking appropriate and acknowledged (by advisor) course work in the topics below will be required to complete a few or all of the courses indicated below. In addition, students may be asked to take specified undergraduate courses as determined by the Graduate Program Director. Students with an undergraduate degree in CM or with specific course work in these areas may not take these courses for credit towards a degree.

Course	Title	Term	Year	Grade	Credit (s)
BCN 5618	Fundamentals of Construction Estimating	_____	_____	_____	3
BCN 5645	Construction Economic Analysis (not open to business majors)	_____	_____	_____	3
BCN 5728	Principles of Construction Scheduling	_____	_____	_____	3
BCN 5746	Construction Legal Environment	_____	_____	_____	3
BCN 5766	Codes and Regulations	_____	_____	_____	3

**ELECTIVE COURSES** Thesis students may take up to 6 credits of BCN 6971 to fulfill degree requirements. Students may not register for BCN 5905 without approval of the Chair, or BCN 6971 without approval of their Departmental advisor.

Course	Title	Term	Year	Grade	Credit (s)
BCN 5589	Hazard Mitigation	_____	_____	_____	3
BCN 5585	Sustainable Construction	_____	_____	_____	3
BCN 5622	Advanced Planning & Simulation in Construction	_____	_____	_____	3
BCN 5626	Construction Cost Analysis and Control	_____	_____	_____	3
BCN 5716	Productivity in Construction	_____	_____	_____	3
BCN 5735	Hazardous Materials and Waste in Construction	_____	_____	_____	3
BCN 5738	Construction Safety Management	_____	_____	_____	3
BCN 5741	Construction Claims	_____	_____	_____	3
BCN 5747	Construction Law Case Studies	_____	_____	_____	3
BCN 5749	Advanced Construction Documentation	_____	_____	_____	3
BCN 5755	Construction Financial Management	_____	_____	_____	3
BCN 5771	Management and Marketing of Construction Services	_____	_____	_____	3
BCN 5772	Management of Construction Organizations	_____	_____	_____	3
BCN 5774	Topics in International Construction	_____	_____	_____	3
BCN 5784	Construction Information Systems	_____	_____	_____	3
BCN 5792	TQM & Planning in Construction	_____	_____	_____	3
BCN 5905	Directed Independent Studies	_____	_____	_____	1 to 3
BCN 5906	Special Topic	_____	_____	_____	3
BCN 5949	Graduate Construction Management Internship	_____	_____	_____	1
BCN 6473	Systems Approach for Housing Planning	_____	_____	_____	3
BCN 6642	Value Engineering in Construction	_____	_____	_____	3
BCN 6775	Decision and Risk Analysis in Construction	_____	_____	_____	3
BCN 6785	Advanced Estimating and Bidding Strategy	_____	_____	_____	3
BCN 6795	Automation in Construction	_____	_____	_____	3
BCN 6796	Failure in in Construction	_____	_____	_____	3
BCN 6910	Supervised Research	_____	_____	_____	1 to 3
BCN 6912	Project in Construction Engineering and Management	_____	_____	_____	3
BCN 6788	Artificial Intelligence in Construction Management	_____	_____	_____	3
BCN 6916	Developments in Construction Technologies	_____	_____	_____	3
BCN 6935	Graduate Seminar	_____	_____	_____	3
BCN 6971	Thesis I (Prior approval required)	_____	_____	_____	1 to 6

Required credits for degree: Foundation Courses \_\_\_\_\_ Elective Courses \_\_\_\_\_ Total \_\_\_\_\_

See current catalog for additional information.