MASTER OF CONSTRUCTION MANAGEMENT

*Tentative pending approval by the Southern Association of Colleges and Schools Commission on Colleges

The Master of Construction Management (M.C.M.) (https://www.arc.miami.edu/academics/graduate/construction-management/master-of-construction-management)* is an interdisciplinary 36 credit program and open to graduates from Architecture, Engineering and Construction related programs. The curriculum will broaden educational and career options for students. Formal knowledge and experience in project and construction management are highly sought after by, architectural and engineering firms, construction companies and real estate developers. Combined with other educational opportunities currently offered or planned, at the U-SoA or other academic units, students can create their own future expanding their horizon in the job market. Students at U-SoA are able to enroll in a Master of Construction Management and our Master of Real Estate Development and Urbanism degrees completing a total of 60 credits combined.

Sample Plan of Study

Fall
CMA 601 Fundamentals of Construction Management 3 cr
(or RED 670 Construction and Project Management)
BUS 610 Critical Thinking and Persuasion for Business 2 cr
CMA 630 Contract Documents cr
LAW 257 Construction Law 3 cr
CMA 670 Construction Site Practicum 2 cr
12 cr

Spring
CMA 620 Construction Project Controls 2 cr
AAC 670 Financial Reporting and Analysis 2 cr
CMA 694 Codes Standards and Regulations 1 cr
CMA 671 Construction Management Practicum 2 cr
CMA 676 Integrated Project Design 3 cr
Electives cr
12 cr

Summer
CMA 674 Capstone Project/Charrette (or RED 699) 3 cr
Electives cr
12 cr

Total 36 cr

Note: Master of Construction Management students are required to participate in a minimum of one internship.

The Executive Master of Construction Management (E.M.C.M.) (https://www.arc.miami.edu/academics/graduate/construction-management/executive-master-of-construction-management)* is an interdisciplinary 30 credit program and designed for accomplished professionals in the design and construction industry who are ready to take their career to the next level. Courses are offered in the evenings and on weekends, to meet the needs of working professionals. The program will focus on current issues and events in construction Management and address the needs of the industry by developing candidates for middle and upper management positions.

*pending approval

Sample Plan of Study

Fall I
CMA 701 Operating and Managing a Construction Organization 3 cr
ACC 670 Financial Reporting and Analysis 2 cr
Elective cr
6 cr

Spring I
CMA 708 Preconstruction Services 2 cr
Electives cr
6 cr

Summer I
MGT 620 Managing Through People 2 cr
Master of Construction Management

CMA 702 Professional Leadership Program
1 cr
CMA 724 Current Issues in Construction
1 cr
Electives
2 cr
6 cr

Fall II
CMA 722 Case Studies in Risk Management
2 cr
CMA 734 Prevention and Resolution of Contract Disputes
2 cr
Electives
2 cr
6 cr

Spring II
CMA 799 Applied Research
2 cr
CMA 801 Executive Capstone Project
4 cr
6 cr
Total
30 cr

Construction Management Electives
CMA 632 Construction Risk Analysis and Control
2 cr
CMA 640 Virtual Design and Construction (VDC/BIM)
3 cr
CMA 642 Emerging Technologies in Design and Construction
2 cr
CMA 644 Sustainable Design and Construction (or CAE 660)
3 cr
CMA 680 Directed Studies
1 – 3 cr
CMA 681 Special Topics
1 – 3 cr
CMA 682 Special Topics
1 – 3 cr
CMA 690 Advanced Productivity and Lean Construction
2 cr