

Master of Science in Civil Engineering
Possible Plan of Study (Construction Engineering Interest - 2 Year)

Area	Course	Course Title	Units	Notes
COE Core	EGR 501	Engineering Research and Practice	3	Common course for MS in EGR
COE Core	EGR 503	Applied Engineering Math	3	Common course for MS in EGR
COE Core	STA 513	Applied Statistics	3	Common course for MS in EGR
COE Core	EGR 506	Engineering R&D Methods	3	Common course for MS in EGR
Area of Focus	CVE 556	Sustainable Civil Engineering	3	Construction Engin Interest
Area of Focus	CVE 551	Project and Construction Management	3	Construction Engin Interest
Area of Focus	CVE 565	Advanced Estimating	3	Construction Engin Interest
Area of Focus	CVE 565	Construction Planning & Scheduling	3	Construction Engin Interest
Thesis / Project	EGR 507	Research and Development	3	Common course for MS in EGR
Thesis / Project	EGR 508	Documentation and Presentation	3	Common course for MS in EGR
Total			30	

Area	Course	Course Title	Units	Notes
Year 1 Fall Semester				
COE Core	EGR 501	Engineering Research and Practice	3	Common course for MS in EGR
COE Core	EGR 503	Applied Engineering Mathematics	3	Common course for MS in EGR
Area of Focus	CVE 551	Project and Construction Management	3	Construction Engin Interest
Year 1 Spring Semester				
COE Core	STA 513	Applied Math	3	Common course for MS in EGR
Area of Focus	CVE 565	Construction Planning & Scheduling	3	Construction Engin Interest
COE Core	EGR 506	Engineering R&D Methods	3	Common course for MS in EGR
Year 2 Fall Semester				
Area of Focus	CVE 565	Advanced Estimating	3	Construction Engin Interest
Thesis / Project	EGR 507	Research and Development	3	Common course for MS in EGR
Year 2 Spring Semester				
Area of Focus	CVE 556	Sustainable Civil Engineering	3	Construction Engin Interest
Thesis / Project	EGR 508	Documentation and Presentation	3	Common course for MS in EGR
Total			30	