

**Master of Science in Civil Engineering**  
**Possible Plan of Study (Environmental Concentration - 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 541	Environmental Engineering Processes	3	Environmental Concentration
Area of Focus	CVE 544	Water Chemistry for Env Eng	3	Environmental Concentration
Area of Focus	CVE 545	Environmental Engineering Lab	3	Environmental Concentration
Area of Focus	CVE 561	Engineering Sustainable Communities	3	Environmental Concentration
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
<b>Total</b>			<b>30</b>	

Area	Course	Course Title	Units	Notes
<b>Year 1 Fall Semester</b>				
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 541	Environmental Engin Processes	3	Environmental Concentration
<b>Year 1 Spring Semester</b>				
COE Core	EGR 506	Engineering R&D Methods	3	Common course for MS in EGR
Area of Focus	CVE 544	Water Chemistry for Env Eng	3	Environmental Concentration
<b>Year 2 Fall Semester</b>				
Thesis / Project	EGR 507	Research and Development	3	Common course for MS in EGR
Area of Focus	CVE 545	Environmental Engineering Lab	3	Environmental Concentration
Area of Focus	CVE 561	Engineering Sustainable Communities I	3	Environmental Concentration
<b>Year 2 Spring Semester</b>				
COE Core	STA 513	Applied Statistics	3	Common course for MS in EGR
Thesis / Project	EGR 508	Documentation and Presentation	3	Common course for MS in EGR
<b>Total</b>			<b>30</b>	