

**Master of Science in Software Engineering**  
**Possible Plan of Study**

Area	Course	Course Title	Units
COE Core	EGR 501	Engineering Research and Practice	3
COE Core	STA 513	Applied Statistics	3
COE Core	EGR 506	Engineering R&D Methods	3
Area of Focus	CSC 513	Security and Privacy in Computing	3
Area of Focus	CSC 522	Software Development Methodology	3
Area of Focus	CSC 525	Advanced Database Systems	3
Area of Focus	CSC 526	Software Systems Design	3
Area of Focus	CSC 527	Software Construction	3
Thesis / Project	EGR 507	Research and Development	3
Thesis / Project	EGR 508	Documentation and Presentation	3
Elective	EGR/CSC	elective	3
Elective	EGR/CSC	elective	3
<b>Total</b>			<b>36</b>

Area	Course	Course Title	Units
<b>Year 1 Fall Semester</b>			
Grad Eng	EGR 501	Engineering Research and Practice	3
Area of Focus	CSC 527	Software Construction	3
Area of Focus	CSC 522	Software Development Methodology	3
<b>Year 1 Spring Semester</b>			
Math	STA 513	Applied Statistics	3
Area of Focus	CSC 526	Software Systems Design	3
Thesis/Project	EGR 506	Engineering R&D Methods	3
<b>Year 2 Fall Semester</b>			
Area of Focus	CSC 513	Security and Privacy in Computing	3
Elective	EGR/CSC	<elective>	3
Thesis/Project	EGR 507	Research and Development	3
<b>Year 2 Spring Semester</b>			
Area of Focus	CSC 525	Advanced Database Systems	3
Elective	EGR/CSC	<elective>	3
Thesis/Project	EGR 508	Documentation and Presentation	3
<b>Total</b>			<b>36</b>