

Computer Engineering MS Program Schedule

First Year MS Schedule			2 nd Year Thesis Option		2 nd Year Project Option	
Fall	Spring	Summer	Fall	Spring	Fall	Spring
<div style="border: 1px solid green; padding: 2px; margin-bottom: 5px;">CMPE-610 Analytical Topics (3)</div> Pre-Req MATH 251	<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Graduate Elective (3)</div>	Research for Thesis or Project	<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Graduate Elective (3)</div>		<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Graduate Elective (3)</div>	
<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Flexible Core (3)</div>	<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Graduate Elective (3)</div>		<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">CMPE-790 Thesis (6)</div>	<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">CMPE-790 Thesis (3)</div>	<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">**Project Focused Elective (3)</div>	
<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Flexible Core (3)</div>	<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">*Graduate Elective (3)</div>				<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">**Project Focused Elective (3)</div>	
<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">CMPE 795 Graduate Seminar (0)</div>						<div style="border: 1px solid orange; padding: 2px; margin-bottom: 5px;">CMPE-792 Graduate Project (3)</div>
				<div style="border: 1px solid purple; padding: 2px; margin-bottom: 5px;">ZFTE-903/9 Full-Time Equiv. (6)</div>		<div style="border: 1px solid purple; padding: 2px; margin-bottom: 5px;">ZFTE-903/9 Full-Time Equiv. (6)</div>
				<div style="border: 1px solid purple; padding: 2px; margin-bottom: 5px;">CMPE-791 Cont. of Thesis (0)</div>		
9	9		9	3	9	3

CMPE-795: This course is only satisfied after completion of the "Option Declaration Form". The prospective graduate advisor agrees to work with the student to complete either the Thesis or Project Option within a certain research area. (It may need to be repeated)

***Flexible Core:**

Two courses chosen from the following core clusters with faculty advisor's guidance:
Computer Architecture and Digital Design
 (select one course below):

- CMPE-630 Digital Integrated Circuit Design
 - CMPE-660 Reconfigurable Computing
 - CMPE-755 High Performance Architectures
- Computing, Communications & Algorithms
 (select one course below):

- CMPE-670 Data and Communication Networks
- CMPE-655 Multiple Processor Systems
- CMPE-677 Machine Intelligence

***Graduate Electives:**

CE graduate electives are CMPE courses 600 level and above. With advisor and department approval, students may request to take graduate courses outside of the department. **At least two Graduate Electives must be CMPE courses** (Approved Graduate Electives are listed on the CE web site and on Graduate AAR.)

****Project Focused Electives:**

Approval by the student's Graduate Advisor is required.