

Computer Engineering BS/MS Program Schedule

Fourth Year BS/MS Schedule			Fifth Year Thesis Option		Fifth Year Project Option						
Fall	Spring	Summer	Fall	Spring	Fall	Spring					
<p>→ CMPE-550 Computer Architecture (3) Prereq: CMPE-350</p> <p>→ CMPE-480 Digital Signal Processing (3) Prereqs: EEEE-282, MATH-231, and MATH-241</p> <p>→ CMPE-670 Data and Comm. Networks (3) Replaces BS CMPE-570 Prereq: MATH-251</p> <p>→ CMPE-460 Interface & Digital Elec. (4) Prereqs: CMPE-250, EEEE-282, and EEEE-380 (Coreq: CMPE-380)</p> <p>CMPE-795 Graduate Seminar (0)</p> <p>GenEd Immersion 1 (3)</p>	<p>Graduate Comp. Arch. and Digital Design Core (3): CMPE-630, CMPE-660, or CMPE-755</p> <p>BS Open Elective Prereq: varies by course</p> <p>CMPE Professional Elective (3)</p> <p>*Graduate Elective (3)</p> <p>CMPE-497 Multidisc. Senior Design I (3) Prereqs: CMPE-460 and two co-op terms</p> <p>Open Elective (3)</p> <p>GenEd Immersion 2 (3)</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Preliminary Research for Thesis or Project</p>	<p>*Graduate Elective (3)</p> <p>*Graduate Elective (3)</p> <p>*Graduate Elective (3)</p> <p>CMPE-790 Thesis (3)</p> <p>CMPE-498 Multidisc. Senior Design II (3)</p> <p>CMPE-610 Analytical Topics (3) BS Prof. Elective Prereqs: MATH-251 and CMPE-480</p> <p>Open Elective (3)</p> <p>GenEd Immersion 3 (3)</p>	<p>*Graduate Elective (3)</p> <p>CMPE-790 Thesis (6)</p> <p>CMPE-792 Graduate Project (3)</p> <p>CMPE-498 Multidisc. Senior Design II (3)</p> <p>Open Elective (3)</p> <p>GenEd Immersion 3 (3)</p>	<p>*Graduate Elective (3)</p> <p>*Graduate Elective (3)</p> <p>*Graduate Elective (3)</p> <p>**Project Focused Elective (3)</p> <p>**Project Focused Elective (3)</p> <p>CMPE-610 Analytical Topics (3) Prereqs: MATH-251 and CMPE-480</p> <p>Open Elective (3)</p> <p>GenEd Immersion 3 (3)</p>	<p>16</p>	<p>18</p>	<p>15</p>	<p>15</p>	<p>15</p>	<p>15</p>

- Both BS and MS degree requirement
- MS degree requirement

Effective starting 2020–2021 academic year

BSMS Co-op Schedule:

Summer after second year: 11 weeks
 1 semester during third year: 18 weeks
 Summer before fourth year: 11 weeks
 Total: 40 weeks.

CMPE-460 (IDE) and two co-op terms must be completed as a prerequisite to Multidisciplinary Senior Design I.

CMPE-795: This course is satisfied only 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.)

*Graduate Electives:

At least two Graduate Electives must be CMPE courses.
(Approved Graduate Electives are listed on the CmpE web site and on Graduate AAR.)

**Project Focused Electives:

Approval by the student’s Graduate Advisor is required.

Time Limit: Students are required to complete all BSMS requirements by the end of their 6th year.