Computer Engineering BS/MS Program Schedule for Thesis or Project Options
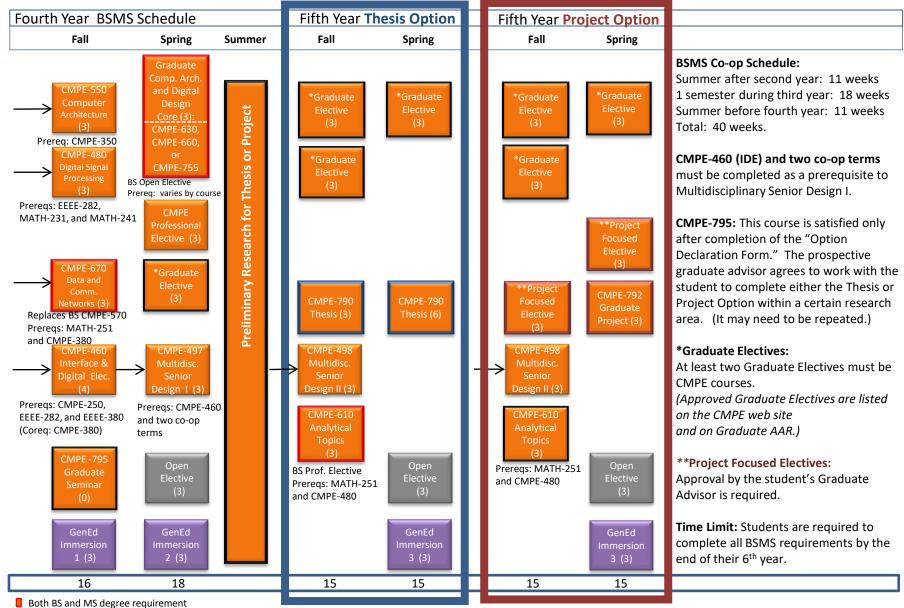
Fourth Year BSMS Schedule

Fall	Spring	Summer
	Graduate Comp. Arch. and Digital Design Core (3): CMPE-630, CMPE-660, or CMPE-755	
	BS Open Elective Prereq: varies by course	
CMPE-550 Computer Architecture (3)		
Prereq: CMPE-350		
CMPE-480 Digital Signal Processing (3)	CMPE Professional Elective (3)	
Prereqs: EEEE-282, MATH-231, and MATH-241		
CMPE-670 Data and Comm. Networks (3)	*Graduate Elective (3)	**Preliminary Research for Thesis or Project**
Replaces BS CMPE-570 Prereqs: MATH-251 and CMPE-380		
CMPE-460 Interface & Digital Elec. (4)	CMPE-497 Multidisc. Senior Design I (3)	
Prereqs: CMPE-250, EEEE-282, and EEEE-380 (Coreq: CMPE-380)	Prereqs: CMPE-460 and two co-op terms	
CMPE-795 Graduate Seminar (0)	Open Elective (3)	
GenEd Immersion 1 (3)	GenEd Immersion 2 (3)	
16	**18**	

Fifth Year Thesis Option

Fall	Spring
*Graduate Elective (3)	*Graduate Elective (3)
*Graduate Elective (3)	
CMPE-790 Thesis (3)	CMPE-790 Thesis (6)
CMPE-498 Multidisc. Senior Design II (3)	
CMPE-610 Analytical Topics (3)	Open Elective (3)
BS Prof. Elective Prereqs: MATH-251 and CMPE-480	GenEd Immersion 3 (3)
15	**15**

Fifth Year Project Option

Fall	Spring
*Graduate Elective (3)	*Graduate Elective (3)
*Graduate Elective (3)	**Project Focused Elective (3)
**Project Focused Elective (3)	CMPE-792 Graduate Project (3)
CMPE-498 Multidisc. Senior Design II (3)	
CMPE-610 Analytical Topics (3)	Open Elective (3)
Prereqs: MATH-251 and CMPE-480	GenEd Immersion 3 (3)
15	**15**

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.

Legend:
- ▪ Both BS and MS degree requirement
- ▪ MS degree requirement

Effective starting 2023–2024 academic year