

Recommended courses by term for accelerated track in Computer Engineering (CS), MS

UG Term 7	UG Term 8	GR Term 1	GR Term 2
<i>Capstone I</i>	<i>Capstone II</i>	CEN 599 (if thesis) or Elective (non-thesis)	CEN 599 (if thesis) or Elective (non-thesis)
CSE 434	CSE 520* in place of 420 (spring)	CSE 551 (Required)	EEE 554 (Required)*
Approved CSE 4xx	CSE/EEE/CEN 5xx (reserve)**	EEE or CEN 5xx from Area	EEE or CEN 5xx from Area
			CSE or CEN 5xx from Area

See CEN (CS), MS Course Lists & Check Sheet from the [SCAI Handbooks page](#).

Undergraduate Terms 7 & 8:

Students may share/double-count 9 graduate credits in the senior year, including 6 credits from the approved CSE 4xx list. CSE 434 (required for CSE students) is approved to apply in CEN, MS.

*CSE 520 is typically offered in Spring only and would satisfy 1 of the 4 Area courses (VAES). CSE, BSE students should take CSE 520 in place of CSE 420 since these courses are equivalent.

**If the schedule permits, additional 5xx credits may be added in the senior year to be “reserved” for the graduate program only. Reserved credit is pre-admission credit not part of the accelerated track and is thus held to the ‘B’ or better pre-admission graduate policy (see [Graduate Policy Handbook](#)). Students must earn a ‘B’ or better in the reserved course for it to apply in the CEN (CS), MS program. If reserved credit is taken, students should consider taking CSE 551 or EEE 554 (required for MS) or a course from the [CEN Areal list](#).

Graduate Terms 1 & 2:

With 9 credits already completed, students will have 21 credits left to complete for the master’s. This means students will need to complete 12 credits in one of the graduate terms and 9 in the other, or enroll in summer in order to complete the graduate degree in one year. Taking 12 credits is completely optional. 9 graduate credits is considered full-time and comparable to 12 undergraduate credits. If 3 credits are reserved in the senior year, students will need 9 credits in both graduate semesters.

It does not matter if the 12 credits are taken in Graduate Term 1 or Term 2, but students must be in good academic standing (3.0 or higher GPA) in order to enroll in 12 credits as a graduate engineering student.

*CS students will meet the recommended academic prep (EEE 350) with IEE 380.