

Recommended courses by term for accelerated track in Industrial Engineering, BSE to Industrial Engineering, MS

UG Term 7	UG Term 8	GR Term 1	GR Term 2
<i>Capstone I</i>	<i>Capstone II</i>	IEE 599 (if thesis) or IE Core (non-thesis)	IEE 599 (if thesis) or IE Elective (non-thesis)
IEE 5xx/Career Focus Area	IEE 5xx/Career Focus Area	IEE 5xx from Core	IEE 5xx from Elective
IEE 5xx/Career Focus Area or Tech Elective	<i>5xx Elective (reserve)*</i>	IEE 5xx from Core/Elective	IEE 5xx from Elective
			Elective

See IE Course Lists & Check Sheet from the [SCAI Handbooks page](#).

Undergraduate Terms 7 & 8:

Students may share/double-count 9 graduate credits from IEE 5XX in senior year.

*If the schedule permits, an additional 5xx 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 graduate program.

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.