

ENGINEERING COURSE OF STUDY

For the class of 2027, updated January 2025

This form is intended to serve as a helpful worksheet to ensure you will complete all of the requirements for the Engineering major. *You do not need to submit the form as part of your Sophomore Plan, but your advisor may ask to go over it with you during your advising meeting.*

Important notes:

- All courses taken to satisfy an Engineering major requirement must be taken for a grade, except for those taken during the first semester at Swarthmore.
- Students interested in off-campus study should be aware that Engineering classes taught at other institutions typically transfer in at 0.75 credits unless they have a lab component. [See this link](#) under Engineering for more information, and/or speak with your advisor or the Chair.

1. Specify when you have taken or will be taking each of the seven required core course credits:

Core course	Term	Year
ENGR 006	Spring	_____
ENGR 011	Fall	_____
ENGR 012	Spring	_____
ENGR 017	Fall	_____
ENGR 021	Fall	_____
ENGR 059	Fall	_____
ENGR 090	Spring	2027

Specify the eight math and science credits you have taken or will take:

Subject	Crse. Num.	Term/Year
MATH	_____	_____
MATH	_____	_____
MATH	_____	_____
PHYS	_____	_____
PHYS	_____	_____
BIOL <input type="checkbox"/> / CHEM <input type="checkbox"/> (check one)	_____	_____
_____	_____	_____
_____	_____	_____

You must have credit for MATH 15, 25, 33/34/35, and 43/44, and there must be eight credits total. Hence, courses for which you earned placement but not credit should not appear here.

All but one of the science courses listed above must have a substantial lab component (e.g. students may take PHYS 005 or BIOL 009 but not both).

All courses listed must count for the minimal major in the home department. Courses that do not include ASTR 001, CHEM 003B, MATH 003, PHYS 001C, PHYS 002E, and STAT 001.

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2. The table below lists our future elective course offerings, to the best of our current knowledge:

Fall 2025	Spring 2026	Fall 2026	Spring 2027
ENGR 035	ENGR 016	ENGR 028	ENGR 027
ENGR 041	ENGR 029	ENGR 041	ENGR 029
ENGR 060	ENGR 058	ENGR 053	ENGR 058
ENGR 063	ENGR 061	ENGR 062	ENGR 062
ENGR 065	ENGR 078	ENGR 063	ENGR 083
ENGR 072		ENGR 065	
ENGR 073		ENGR 072	

- Course offerings are determined by available staffing and are subject to change. While we hope only to add to the courses listed above, in some circumstances we are unable to offer previously forecasted courses.
- Fiona O'Donnell, Joe Towles, and Matt Zucker will be on leave during the 2025-2026 year.
- We are planning to hire one tenure-track faculty member to start in Fall 2025 and we hope to hire additional visitors and leave replacements who will add to our elective offerings in the future.

Specify the five Engineering electives you have taken or plan to take:

Elective course	Term	Year
ENGR _____	_____	_____
ENGR _____	_____	_____
ENGR _____	_____	_____
ENGR _____	_____	_____
ENGR _____	_____	_____

3. If you plan to study abroad or participate in the Honors program, be sure to speak with your assigned course advisor about your plans!