

General Engineering Flowsheet

M 063/M090 – Foundations Math Start

(rev 12/2021)

The decision to take summer courses is a discussion to have with your academic advisor. Please carefully consider if this is an appropriate choice based on your individual circumstances.

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Year 1		Summer	Year 2		Summer	Year 3		Year 4	
Fall Term	Spring Term	Term	Fall Term	Spring Term	Term	Fall Term	Spring Term	Fall Term	Spring Term
CORE Elective IA, IH, IS or D 3 cr	CORE Elective IA, IH, IS or D 3 cr	M 151Q 4 cr	CHMY 141 4 cr						
US or W Course 3 cr	US or W Course 3 cr								
M 063 + M 090 6 cr	M 021 + M 121Q 5 cr	M 171Q 4 cr	M 172Q 4 cr	M 273Q 4 cr	M 274 4 cr				
CORE Elective IA, IH, IS or D 3 cr	CORE Elective IA, IH, IS or D 3 cr		PHSX 220 4 cr	PHSX 222 4 cr					
	Choose Engr/CS Intro Course 1-3 cr								
15 credits	16 credits	8 credits	17 credits	17 credits	3-4 credits	17 credits	17 credits	17 credits	17 credits

Many degrees in the college of engineering are 128 credits factoring in a M 171Q (Calculus) math start. Students starting at Pre-calculus average 16-17 credits per semester and take a summer course if they are on a 4-year timeline.

Intro Course Options (F = Fall; S = Spring)

- EGEN 105 – Intro to Gen Engr. (F,S)
- EBME 100 – Intro to Biomedical Engr (F)
- ECHM 100 – Intro to Chem Engr. (F)
- EBIO 100 – Intro to Bio Engr (F)
- ECIV 101 – Intro to Civil Engr (F)
- CSCI 107 – Joy & Beauty of Computing (F,S)
- ELEE 101 – Intro to Elec Fund. (F,S)
- EIND 101 – Intro to Ind. & Manage. Sys. Engr (F)
- EFIN 101 – Intro to Fin. Engr. (F)
- E MEC 100 – Intro to Mech. Eng. (F)
- ETME 100 – Intro to Mech. Eng. Tech (F)

IA/RA CORE Electives to Consider

- ARCH 121IA – Intro to Design
- PHOT 154IA – Exploring Digital Photography
- CS 145RA – Web Design
- ARTZ 105RA – Visual Language – Drawing
- MUSI 103RA – Fundamentals of Musical Creation
- PHOT 113RA – Understanding Photography (requires a film camera)

IH CORE Electives to Consider

- PHL 110IH – Intro to Ethics: Good & Evil
- LIT 110IH – Intro

IS CORE Electives to Consider

- ECNS 101IS – Economic Way of Thinking
- PSCI 210IS – Intro to American Government
- PSYX 100IS – Intro to Psychology
- SOCI 101IS – Intro to Sociology

D CORE Electives to Consider

- Any D-Core Language Course
- BGEN 242D – Intro to International Business
- NASX 105D – Intro to Native American Studies
- PSCI 230D – Intro to International Relations
- GP HY 141D – World Regional Geography

People to connect with about my interests.
