

# General Engineering Flowsheet

## M 171Q – Calculus Math Start

(rev 12/2021)

**Academic Advisor: Jennifer Clark**  
 Office Location: Dean's Suite 237 NAH  
 Email: jennifer.clark6@montana.edu  
 Phone: 406.994.2272

Year 1		Year 2		Year 3		Year 4	
Fall Term	Spring Term	Fall Term	Spring 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	CORE Elective IA, IH, IS or D 3 cr	CORE Elective IA, IH, IS or D 3 cr				
US or W Course 3 cr	US or W Course 3 cr						
M 171Q 4 cr	M 172Q 4 cr	M 273Q 4 cr	M 274 4 cr				
CHMY 141 4 cr	PHSX 220 4 cr	PHSX 222 4 cr					
Choose Engr/CS Intro Course 1-3 cr							
17 credits	17 credits	17 credits	17 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 average 16-17 credits per semester if they are on a 4-year timeline.

<p><b>Intro Course Options (F = Fall; S = Spring)</b></p> <p>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 &amp; Beauty of Computing (F,S)                  EELE 101 – Intro to Elec Fund. (F,S)                  EIND 101 – Intro to Ind. &amp; Manage. Sys. Engr (F)                  EFIN 101 – Intro to Fin. Engr. (F)                  EMEC 100 – Intro to Mech. Eng. (F)                  ETME 100 – Intro to Mech. Eng. Tech (F)</p>	<p><b>IA/RA CORE Electives to Consider</b></p> <p>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)</p> <p><b>IH CORE Electives to Consider</b></p> <p>PHL 110IH – Intro to Ethics: Good &amp; Evil                  LIT 110IH – Intro to Lit</p>	<p><b>IS CORE Electives to Consider</b></p> <p>ECNS 101IS – Economic Way of Thinking                  PSCI 210IS – Intro to American Government                  PSYX 100IS – Intro to Psychology                  SOCI 101IS – Intro to Sociology</p> <p><b>D CORE Electives to Consider</b></p> <p>Any D-Core Language Course                  BGEN 242D – Intro to International Business                  NASX 105D – Intro to Native American Studies                  PSCI 230D – Intro to International Relations                  GPHY 141D – World Regional Geography</p>	<p><b>People to connect with about my interests.</b></p> <hr/> <hr/> <hr/> <hr/> <hr/>
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