

## Mechanical Engineering (EMEC) 4-year Sample Plan

For advising hours, please visit:

<http://mae.ucdavis.edu/undergraduate-advising/>  
[maeughelp@ucdavis.edu](mailto:maeughelp@ucdavis.edu)

This program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>

Fall	Course	Units
	MAT 021A	4
	ENG 004	3
	General Education	4
	First Year Seminar*	1-2
<b>Total units: 12 - 13</b>		

Winter	Course	Units
	MAT 021B	4
	CHE 002A	5
	Communication Req	4
	LD Composition	4
<b>Total units: 17</b>		

Spring	Course	Units
	MAT 021C	5
	CHE 002B	4
	PHY 009A	5
<b>Total units: 14</b>		

Fall	Course	Units
	MAT 021D	4
	PHY 009B	5
	ENG 006	4
	EME 050	4
<b>Total units: 17</b>		

Winter	Course	Units
	MAT 022A	3
	PHY 009C	5
	ENG 045/ ENG 017	4
	General Education	4
<b>Total units: 16</b>		

Spring	Course	Units
	MAT 022B	3
	ENG 045/ ENG 017	4
	ENG 035	4
	General Education	4
<b>Total units: 15</b>		

Fall	Course	Units
	ENG 102	4
	ENG 104	4
	UD Comp*/Applied MAT	4
	General Education	4
<b>Total units: 16</b>		

Winter	Course	Units
	ENG 100	3
	ENG 103	4
	ENG 105	4
	General Ed/ ENG 190	4
<b>Total units: 15</b>		

Spring	Course	Units
	EME 150A	4
	EME 106	4
	General Ed/ ENG 190	3/4
	Restricted Elective	4
<b>Total units: 15/16</b>		

Fall	Course	Units
	EME 165	4
	EME 172	4
	EME 109/EME 108	4
	UD Comp*/Applied MAT	3
<b>Total units: 15</b>		

Winter	Course	Units
	SR Des. Capstone	4
	General Education	4
	Restricted Elective	4
	Sys Dyn/Mech Des Rq	4
<b>Total units: 16</b>		

Spring	Course	Units
	SR Des. Capstone	4
	EME 109/EME 108	4
	General Ed/ ENG 190	3/4
	(Elective)	1
<b>Total units: 12</b>		

Please note:

- This plan **is not** a substitute for academic advising and should be used as a **reference only**.
- Some courses are offered multiple times per year, please be cognizant of pre-requisites.
- Lower Division (LD)/Upper Division (UD) major requirements and general education options are listed on MyDegree and in the [UC Davis Course catalogue](#).

**180 completed units and a 2.0 GPA (cumulative and major) are required to graduate with a Bachelor of Science in Mechanical Engineering.**

\*Optional (UD Composition Exam can waive this course requirement: <https://writing.ucdavis.edu/compexam/>)