

ACADEMIC PLAN 2018-2019
MECHANICAL ENGINEERING with BIOENGINEERING EMPHASIS

Year 1					
FALL		SPRING		SUMMER	
Course	Units	Course	Units	Course	Units
GE Composition	3	RWS200* or	3	GE Social Behav. Sci.	3
MATH150	4	LJNG200*		or Amer. Institution	
Chem202	4	GE Oral Comm	3	GE Humanities	3
GE Humanities	3	Math151	4		
ME101	2	Phys195	3		
		Phys195L	1		
		ME102	2		
Total Units	16	Total Units	16	Total units	6
Cumul. Units	16	Cumul. Units	32	Cumul. Units	38

*Prerequisite for ME330

Year 2					
FALL*		SPRING		SUMMER	
Course	Units	Course	Units	Course	Units
Math252	4	Phys197**	3	GE Humanities	3
Phys196	3	EE204	3	GE Social Behav. Sci.	3
Phys196L	1	ME220 or	3		
ME200 or	3	AE220			
AE200		AE280	3		
ME202	3	ME241	1		
ME 240	3	BIOL203	3		
Total Units	17	Total Units	16	Total Units	6
Cumul. Units	55	Cumul. Units	71	Cumul. Units	77

*Take Writing Placement Assessment (WPA)

**Other options: Biol212, Chem201, or Chem232 & Chem232L

Year 3			
FALL*		SPRING	
Course	Units	Course	Units
GE Explorations**	3	GE Explorations***	3
ME310	3	ME314	3
ME350	3	ME330	3
AE340	3	ME351	3
AE341	1	ME452	3
ME304 or CIV E 301	3		
Total Units	16	Total Units	15
Cumul. Units	93	Cumul. Units	108

*Your WPA score could require you to take either RWS280 or 281 and an approved Upper Division Writing course

**Humanities

***Social & Behavioral Sciences/American Institutions

Year 4			
FALL		SPRING	
Course	Units	Course	Units
GE Explorations	3	GE Explorations	3
BIOL336	3	ME490B	3
ME490A	3	ME520	3
ME499	3	ME555	3
ME580	3	ME585*	3
		Biol436	2
Total Units	15	Total Units	17
Cumul. Units	123	Cumul. Units	140

*Only offered in Spring Semester

The Academic Plan provides a recommended sequence of courses. Refer to the SDSU General Catalog for a complete description of requirements and credit limitations

Course	Equivalent	Prerequisite(s)
ME 101		None
ME 102		ME 101
ME 200	AE 200	PHYS 195 (w/ C or better) MATH 150 (w/ C or better)
ME 202		MATH 151
ME 220	AE 220	ME 200 (w/ C or better) MATH 151 (w/ C or better)
ME 240		CHEM 202/200
ME 241		ME 240
ME 304	CIV E 301	ME 200
ME 310		ME 102 ME 202 ME 220
		Updated Master Plan
ME 314		ME 102 ME 202 ME 241 ME 304
ME 330		ME 202 ME 220 EE 204 AE 280 AE 340 RWS 200 PHYS 196L
ME 350		MAJOR STATUS MATH 252 ME 200
ME 351		ME 350
ME 452		ME 350 AE 340
ME 490A		ME 304 ME 310 ME 314 ME 452
		Updated Master Plan
ME 490B		ME 490A ME 495 (Not Req. Bio. Emph.)
		Updated Master Plan
ME 495		ME 310 ME 330 ME 351 ME 452
		Consent of Instructor
ME 496	Prof. Elective	Consent of Instructor
ME 499	Prof. Elective	Consent of Instructor Completed Registration Form Submitted Master Plan
ME 520		ME 304 ME 330
ME 530	Prof. Elective	ME 330
ME 535	AE 535 Prof. Elective	ME 314 AE 280
ME 540	Prof. Elective	ME 314 Not open to: Students w/ credit in ME or AE 535
ME 543	Prof. Elective	ME 240
ME 552	Prof. Elective	ME 351 ME 452
ME 555		ME 351 ME 452
ME 556	Prof. Elective	ME 351 ME 452 AE 340
ME 580	Prof. Elective	ME 304 AE 340
ME 585	Prof. Elective	ME 240 ME 220
ME 596	Prof. Elective	Consent of Instructor