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Fall 2020
First Semester as ME Major
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Email

Spring 2024
Expected Date of Graduation
2020-2021
Catalog Year

MECHANICAL ENGINEERING MASTER PLAN AND ADVISING RECORD

STUDENT RESPONSIBILITIES (Please read before filling out Master Plan)

1. Students must email the Master Plan Word Document electronically to **mech.engineering@sdsu.edu**
2. Transfer students must file the Master Plan **before they can be considered for major status.**
3. If a Master Plan is not filed as required above, you will not be allowed to register in subsequent ME classes.
4. Pre- and co-requisites will be enforced according to the catalog.
5. Ensure all ME and GE requirements are met for graduation.
6. Mechanical Engineering students are encouraged to take **ME 296: Basics of Mechatronics**, which is equivalent to EE 204.

SDSU COURSES		TRANSFER COURSES		ADVISING RECORD								
REQUIRED COURSES	GRADE	EQUIVALENT COURSE	SCHOOL	SEMESTERS AT SDSU (e.g., F19, or S20, or Su19)								
				F20	S21	F21	S22	F22	S23	F23	S24	
BIOL 100 (3)	A			X								
CHEM 202 (4)	A			X								
MATH 150 (4)	A			X								
ME 190 (2)	A			X								
MATH 151 (4)	A				X							
PHYS 195 (3)	A				X							
PHYS 195L (1)	A				X							
LING or RWS 200 (3)	A				X							
MATH 252 (4)	A					X						
ME 200 (3)	A					X						
ME 202 (3)	A					X						
ME 240 (3)	A					X						
PHYS 196 (3)	A					X						
PHYS 196L (1)	A					X						
AE 280 (3)							X					
ME 220 (3)							X					
ME 241 (1)							X					
ME 296 (3) (refer to 6.)							X					
PHYS 197 (3)							X					
AE 341 (1)								X				
ME 304 (3)								X				
ME 310 (3)								X				
ME 350 (3)								X				
ME 360 (3)								X				
ME 314 (3)									X			
ME 330 (1)									X			
ME 351 (3)									X			
ME 452 (3)									X			
ME 490A (3)										X		
ME 495 (2)										X		
Elective I (3)										X		
Elective II (3)										X		
ME 490B (3)											X	
ME 520 (3)											X	
ME 555 (3)											X	
Elective III (3)											X	

This is not a legally binding document. Advisors will do their best to assist students with course planning. It is the student's responsibility to ensure that they are following prerequisite and graduation guidelines.

**ACADEMIC PLAN 2020-2021
MECHANICAL ENGINEERING**

Year 1					
FALL		SPRING		SUMMER	
Course	Units	Course	Units	Course	Units
GE Writ. Comm	3	RWS200 or	3	GE Social Behav.	3
Math150	4	LJNG200		Science	
Chem200/202	4	GE Oral Comm	3	GE Arts & Hum.	3
Biol100 or	3	GE Arts & Hum	3		
Biol101		Math151	4		
ME190	2	Phys195	3		
		Phys195L	1		
Total Units	16	Total Units	17	Total units	6
Cumul. Units	16	Cumul. Units	33	Cumul. Units	39

Year 2					
FALL		SPRING*		SUMMER	
Course	Units	Course	Units	Course	Units
Math252	4	Phys197	3	GE Social Behav.	
Phys196	3	ME296 or EE204	3	Science or	3
Phys196L	1	ME220 or	3	Amer. Institution	
ME200 or	3	AE220		GE Lifelong	
AE200		AE280	3	Learning &	3
ME 240	3	ME241	1	Self-Develop.	
ME202	3	GE Arts & Hum.	3		
Total Units	17	Total Units	16	Total Units	6
Cumul. Units	56	Cumul. Units	72	Cumul. Units	78

*Take Writing Placement Assessment (WPA)

Year 3					
FALL*			SPRING		
Course	Units	Course	Units	Course	Units
GE Social & Behav. Sci.**	3	GE Explorations-		GE Explorations	3
ME304 or	3	Cultural Diversity	3	ME490B	3
CIV E 301		ME314	3	ME520	3
ME310	3	ME330	3	ME495	3
ME350	3	ME351	3	Elective I	3
ME 360	3	ME452	3	Elective II	3
AE341	1				
Total Units	16	Total Units	15	Total Units	15
Cumul. Units	94	Cumul. Units	109	Cumul. Units	138

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

**Or American Institution

Year 4					
FALL			SPRING		
Course	Units	Course	Units	Course	Units
GE Explorations-		GE Explorations	3		
Ethnic Studies	3	ME490B	3		
ME490A	3	ME520	3		
ME495	2	ME555	3		
Elective I	3	Elective III	3		
Elective II	3				
Total Units	14	Total Units	15	Total Units	15
Cumul. Units	123	Cumul. Units	138	Cumul. Units	138

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

Course	Equivalent	Prerequisite(s)
ME 190		None
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 296	EE 204	MATH 151 (w/ C or better) PHYS 196 (w/ C or better) PHYS 196L
ME 304	CIVE 301	ME 200 (w/ C or better)
ME 310		ME 190 ME 202 ME 220
ME 314		Updated Master Plan
ME 330		ME 102 ME 202 ME 241 ME 304
ME 350		ME 202 ME 220 EE 204 AE 280 PHYS 196L
ME 351		MATH 252 ME 200
ME 360		ME 350
ME 420		ME 220 AE 280
ME 452		ME 314 ME 350 ME 360
ME 490A		ME 304 ME 310 ME 314 ME 452
ME 490B		Updated Master Plan
ME 495		ME 490A ME 495 (Not Req. Bio. Emph.) Updated Master Plan
ME 499	Prof. Elective	ME 310 ME 330 ME 351 ME 452
ME 520		Consent of Instructor Completed Registration Form Submitted Master Plan
ME 530	Prof. Elective	ME 304 ME 330
ME 532	Prof. Elective	ME 330
ME 535	AE 535	ME 330
ME 540	Prof. Elective	ME 314 AE 280
ME 543	Prof. Elective	ME 314
ME 554	Prof. Elective	ME 240 ME 351 ME 452
ME 555		ME 351 ME 452
ME 556	Prof. Elective	ME 351
ME 580	Prof. Elective	ME 452
ME 585	Prof. Elective	ME 304 ME 360
ME 596	Prof. Elective	ME 220 ME 240 Varies