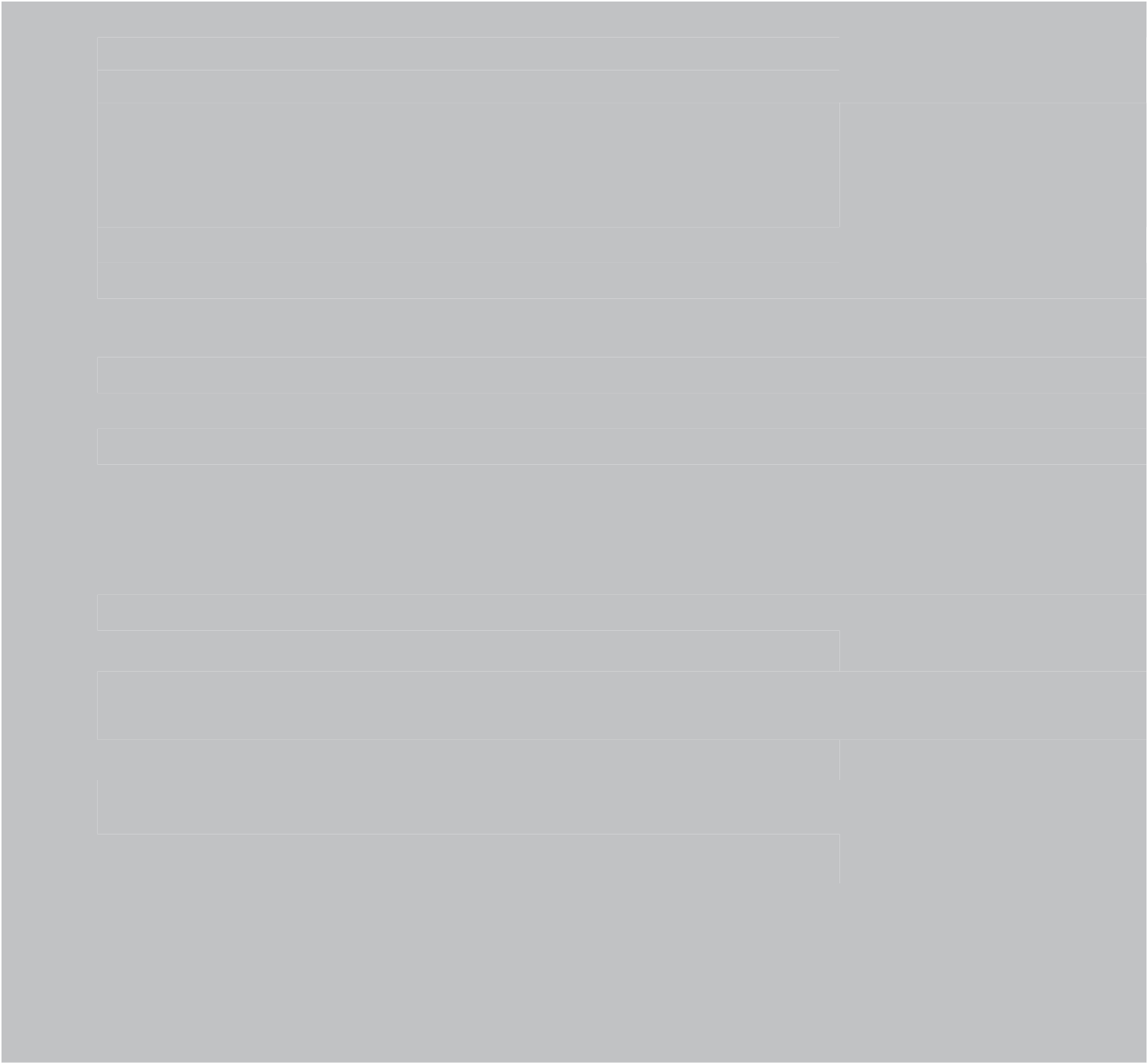


**B.S. in Mechanical Engineering
2020-21 Catalog**

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TECHNICAL ELECTIVE (choose 1 for 3-4 credits)

Technical Elective	BIOL 2320/25	Human Anatomy/Lab	3/1	F/S/Su	BIOL 1610
	ENGR 4000/05	Mechatronics/Lab	3/1	S	ENGR 2030, 4030/35
	ENGR 4050	Structural Analysis	3	F	ENGR 2140/45
	ENGR 4600	Electromagnetics	3	S	PHYS 2220, MATH 2210, 2250, ENGR 2250, 2170
	MATH 3250	Complex Variables	3	S-Odd	MATH 2210
	MATH 3600	Numerical Analysis	3	S-Even	MATH 2250 & programming lan- guage
	MATH 3700	Probability & Statistics	4	F/S/Su	MATH 1220
	MATH 3800	Partial Differential Equations	3	F-Odd	MATH 2210 and 2250 or 2280
	PHYS 1040/45	Elementary Astronomy/Lab	3/1	F/S/Su	
	PHYS 3310	Quantum Physics I	3	F	PHYS 2210/15 & 2220/25
	PHYS 3320	Quantum Physics II	3	S	PHYS 3310