



Undergraduate Program Name: Bachelor of Science in Mechanical Engineering

Graduate Program Name: Master of Science in Mechanical Engineering

KENNESAW STATE UNIVERSITY

Pathway Description: BSME to MSME

Double Owl Scholars will NOT take the following 3 Undergraduate courses:	In their place, they will take the paired course below from the MSME:
ME Technical Elective 1 (3 credits)	ME 6230 Advanced Engineering Thermodynamics (3 credits)
ME Technical Elective 2 (3 credits)	ME 6250 - Advanced Dynamics and Vibrations (3 credits)
Math Elective (3 credits)	ENGR 6120 - Applied Engineering Mathematics (3 credits)

Sample pathway of study:

Year 1 - Fall (credits)	Credits	Year 1 - Spring (credits)	Credits
ENGL 1101	3	ENGL1102	3
CHEM 1211/1211L	4	ECON 1000	2
ME 1001	2	MATH 2202	4
MATH 1190	4	ME 1311	3
EDG 1211	3	PHYS 2211/2211L	4
TOTAL SEMESTER CREDITS	16	TOTAL SEMESTER CREDITS	16
Year 2 - Fall (credits)	Credits	Year 2 - Spring (credits)	Credits
COM 1100	3	ME 3101	3
C1 (ENGL's 2110, 2111, 2112, 2120, 2121, 2122, 2130,2131, 2132 or 2300)	3	MATH 2306	3
MATH 2303	4	ENGR 3122	3
ENGR 2214	3	ENGR 3131/3132	4
PHYS 2213/2212L	4	EE 2305	3
TOTAL SEMESTER CREDITS	17	TOTAL SEMESTER CREDITS	16
Year 3 - Fall (credits)	Credits	Year 3 - Spring (credits)	Credits
STAT 2332	3	E4 (ANTH 1102, CRJU 1101, GEOG 1101, PSYC 1101, SOCI 1101, STS 1101 OR ECON 2100)	3
ENGR 3125	3	ME 3501	3
ME 3701	3	ME 4501	1
ME 3410	3	ME 4141	3
ME 3201	2	ME 3440	3
ENGR 3343/3345	4	ME 4250	3
		ENGR 4402	1
TOTAL SEMESTER CREDITS	18	TOTAL SEMESTER CREDITS	17

Year 4 - Fall (credits)	Credits	Year 4 - Spring (credits)	Credits
E1	3	E2 US History (HIST 2111 or HIST 2112)	3
ENGR 3325	3	C2 (ART 1107, DANC 1107, MUSI 1107)	3
Math Elective 3xxx or 4xxx (potentially replaced by ENGR 6120)	3	ME 4202	3
ME 4403	1	Technical Elective (potentially replaced by ME 6230)	3
ME 4201	1	Technical Elective (potentially replaced ME 6250)	3
E3	3		
TOTAL SEMESTER CREDITS	14	TOTAL SEMESTER CREDITS	15
Year 5 - Fall (credits)	Credits	Year 5 - Spring (credits)	Credits
MSME Core	3	MSME Core	3
MSME Core	3	MSME Core	3
MSME Elective	3	MSME Elective	3
TOTAL SEMESTER CREDITS	9	TOTAL SEMESTER CREDITS	9
Year 6 - Fall (credits)	Credits	Year 6 - Spring (credits)	Credits
MSME Core	3		
TOTAL SEMESTER CREDITS	3	TOTAL SEMESTER CREDITS	0

PATHWAY TOTAL: 150 Credits