



Undergraduate Program Name: Bachelor of Science in Electrical Engineering

Graduate Program Name: Master of Science in Electrical and Computer Engineering

Pathway Description: BSEE to MSECE

KENNESAW STATE UNIVERSITY

Double Owl Scholars will NOT take 9 undergraduate course credits selected by the student from amongst the following options:	The 9 undergraduate credits selected will be replaced by 9 graduate credits from the MSECE degree program, as shown below:
EE 3702- Communication Systems (3 credits)	EE 6760 - Applied Communication Systems
Math Elective (3 credits)	ENGR 6120 – Applied Engineering Mathematics
1, 2, or 3 EE technical electives (3, 6, or 9 credits; the grand total of all selections above must add up to 9 credits)	1, 2, or 3 MSECE elective courses

Sample program of study:

Year 1 - Fall (credits)	Credits	Year 1 - Spring (credits)	Credits
ENGL 1101	3	ENGL 1102	3
MATH 1190 (Calculus I)	4	MATH 2202	4
CHEM 1211/1211L	4	CSE 1321/1321L	4
EE 1000	2	PHYS 2211/2211L	4
COM1100	3	ECON 1000	2
TOTAL SEMESTER CREDITS	16	TOTAL SEMESTER CREDITS	17
Year 2 - Fall (credits)	Credits	Year 2 - Spring (credits)	Credits
MATH 2306	3	MATH 2203	4
PHYS 2212/2212L	4	EE 2302	3
EE 2301	4	EE 2401	3
C2 (ART 1107, DANC 1107, MUSI 1107)	3	EE 2501	4
E3 (HIST 1100, HIST 1111, or HIST 1112)	3	MATH 2332	3
TOTAL SEMESTER CREDITS	17	TOTAL SEMESTER CREDITS	17
Year 3 - Fall (credits)	Credits	Year 3 - Spring (credits)	Credits
ENGR 2214	3	EE 3401	4
EE 3601	4	EE 3501	4
EE 3701	3	EE 3605	3
ENGR 4402	1	EE Technical Elective (potentially replaced by MSECE elective)	3
C1 (ENGL's 2110,2111,2112,2120, 2121,2122, 2130,2131, 2132 or 2300)	3	POLS 1101	3

TOTAL SEMESTER CREDITS	14	TOTAL SEMESTER CREDITS	17
Year 4 - Fall (credits)	Credits	Year 4 - Spring (credits)	Credits
EE 4201	4	EE 4800	4
EE 4701	3	E4 (ANTH 1102, CRJU 1101, GEOG 1101, PSYC 1101, SOCI1101, STS 1101 OR ECON 2100)	3
E2 US History (HIST 2111 or HIST 2112)	3	EE 3702 (potentially replaced by EE 6760)	3

Science Elective (Recommend: ENGR 3325 (previously SYE 3320))	3	EE Technical Elective (potentially replaced by MSECE elective)	3
Math Elective 3xxx or 4xxx (potentially replaced by ENGR 6120)	3	EE Technical Elective (potentially replaced by MSECE elective)	
TOTAL SEMESTER CREDITS	16	TOTAL SEMESTER CREDITS	16
Year 5 - Fall (credits)	Credits	Year 5 - Spring (credits)	Credits
ENGR 6002	3	MSECE Elective	3
ENGR 6120 (or MSECE elective)	3	MSECE Elective	3
MSECE Elective	3		
TOTAL SEMESTER CREDITS	9	TOTAL SEMESTER CREDITS	6
Year 6 - Fall (credits)	Credits	Year 6 - Spring (credits)	Credits
MSECE Elective	3		
Any Graduate Level Course	3		
TOTAL SEMESTER CREDITS	6	TOTAL SEMESTER CREDITS	0

PATHWAY TOTAL:151 credits