Major/Program	Mathematics (Engineering)	
College	Science and Mathematics	
Department	Mathematics and Computing	
Contact	Dr. Dave Slimmer, Dean	
2022-2023		

Can be moved to any semester

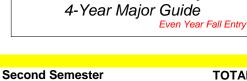
First Semester			
Course	Notes	Hours	
CHEM 111		4	
ENGL 101	Core Academic Skills (General Education)	3	
HIST 101, HIST 102, or POLS 103	Behavioral and Social Perspectives (General Education)	3	
MATH 141	Core Academic Skills (General Education)	4	
LINK 101	Leadership, Involvement, Networking and Knowledge (General Education)	1	

Subtotal 15

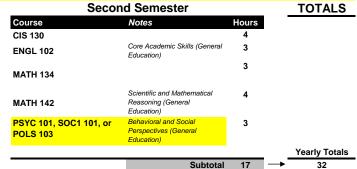
		First Semester	
	Course	Notes	Hours
	CIS 202		3
	ES 314	World Cultures	3
2	MATH 241		4
Ş	MATH 311		3
0000	PHYS 211	Scientific and Mathematical Reasoning (General Education)	4

		Subtotal	17
	First	Semester	
	Course	Notes	Hours
	CHEM 112 or GEOL 111	as required by engineering field	4
Third Year	HUMA 285, PHIL 102, PHIL 103, MUSI 101, or THTR 201	Humanities and Fine Arts (General Education)	3
D	MATH 308		3
Ē	MATH 431 or MATH 421		3
F	Math Elective		3
		Subtotal	16

Summer



Lander University



Second Semester

Course	Notes	Hours
Elective		3
ENGL 201, ENGL 202, ENGL 204, ENGL 205, ENGL 214, ENGL 221, or ENGL 241	Humanities and Fine Arts (General Education)	3
MATH 242		4
PHYS 212		4

				Yearly Totals
Casar	Subtotal	14		31
	d Semester			
Course	Notes	Hours		
Elective		4		
HIST 111 or POLS 101	Founding Documents (General Education)	3		
Math Elective		3		
Math Elective		3		
MATH 499		1		
FALS 101		0		Yearly Totals
	Subtotal	14		30
Total H	Total Hours Required From Lander:			
Course	Notes	Hours		
Clemson Course	Clemson encourages students to take one course at Clemson in the summer prior to entering the engineering program.	3		
	Subtotal	3		3
Course	Notes	Hours		
Transferred fr	om Clemson	24		
				Yearly Totals
	Subtotal	24		24
	Total Hours Require	ed:		120

Civil Engineering requires CHEM 111 and GEOL 111. Industrial, Mechanical and Computer Engineering require only CHEM 111. All other engineering programs require CHEM 111 and CHEM 112

Students in Mechanical Engineering strongly encouraged to take MATH 300:Numerical Analysis. Students in Electrical Engineering strongly encouraged to take MATH 431: Analysis I or MATH 432: Complex Analysis

Notes on elective Hours:

CIS 230 is recommended for Electrical Engineering

CIS 231 is recommended for Computer Engineering

SPCH 101 is strongly encouraged for Ceramic and Materials, Electrical and Industrial Engineering programs

Coursework must include at least 30 hours earned in 300 or above level courses, of which 12 hours must be in the major