

Computer Engineering 2023-2024 (Class of 2027)

Alternate 4-year plans for Honors, CEN/ELE double majors, and for students taking Pre-Calculus in their first semester are available on the ECE Web site: <https://ece.umaine.edu/undergraduate/computer-engineering-curriculum/>

Fall First Year		
CMJ 103	Fund of Public Communication Human Values/Social Context	3
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
MAT 126	Calculus I	4
PHY 121	Physics for Engineers 1	4
		15

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
ENG 101	College Composition	3
MAT 127	Calculus II	4
PHY 122	Physics for Engineers II	4
		15

Fall Sophomore		
ECE 198 COS 221	Object Oriented Programming Intro to Computer Science II (<i>COS 221 may not be regularly offered</i>)	3
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
MAT 228	Calculus III	4
Elective	HV & SC (1) Cultural Diversity & International Perspectives	3
		17

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
Elective	Generic Focus (1)	3
MAT 258	Diff Eqn. & Linear Algebra	4
Elective	HV & SC (2) - Western Cultural Tradition	3
		17

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 473	Computer Architecture & Org	4
ECE 314	Signals and Systems	3
		14

Spring Junior		
ECE 331 COS 331	Introduction to UNIX Systems Administration Operating Systems	3
ECE 405	Design Project	2
Elective	Computer Focus (1)	3
Elective	Computer Focus (2)	3
Elective	HV & SC (3) Population and the Environment	3
Elective	HV & SC (4) Artistic & Creative Expression	3
		17

Fall Senior		
ECE 406	Design Project II	4
ECE 471	Embedded Systems	3
MAT 481 COS 250	Discrete Mathematics Discrete Structures	3
Elective	Computer Focus (3)	3
Elective	ECE Technical Elective (1)	3
		16

Spring Senior		
ECE 403	Design Project III	2
ECE 486	Digital Signal Processing	4
Elective	Computer Focus (4)	1
Elective	ECE Technical Elective (2)	3
Elective	HV & SC (5) Ethics	3
		13

Total Credit Hours

124

ECE
Math & Science
English
Gen Ed

Computer Engineering with Honors 2023-2024 (Class of 2027)

See: <https://ece.umaine.edu/undergraduate/honors-program/>

Fall First Year		
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
HON 111	Civilizations I	4
MAT 126	Calculus I	4
PHY 121	Physics for Engineers 1	4
		16

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
HON 112	Civilizations II	4
MAT 127	Calculus II	4
PHY 122	Physics for Engineers II	4
		16

Fall Sophomore		
ECE 198 COS 221	Object Oriented Programming Intro to Computer Science II (<i>COS 221 may not be regularly offered</i>)	3
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
HON 211	Civilizations III	4
MAT 228	Calculus III	4
		18

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
Elective	Generic Focus (1) - Math course	3
HON 212	Civilizations IV	4
MAT 258	Diff Eqn. & Linear Algebra	4
		18

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 473	Computer Architecture & Org	4
HON 180	A Cultural Odyssey	1
ECE 314	Signals and Systems	3
		15

Spring Junior		
HON 170	Currents and Context	1
ECE 331 COS 331	Introduction to UNIX Systems Administration Operating Systems	3
ECE 405	Design Project	2
Elective	Computer Focus (1)	3
HON 3XX	Honors Tutorial	3
Elective	Computer Focus (2)	3
HON 391	Intro to Thesis Research	1
		16

Fall Senior		
ECE 471	Embedded Systems	3
HON 498	Honor Directed Study	3
MAT 481 COS 250	Discrete Mathematics Discrete Structures	3
Elective	Computer Focus (3)	3
Elective	ECE Technical Elective (1)	3
		15

Spring Senior		
ECE 486	Digital Signal Processing	4
HON 499	Honors Thesis	3
Elective	Computer Focus (4)	1
Elective	ECE Technical Elective (2)	3
		11

Total Credit Hours	125
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ECE
Math & Science
Gen Ed
Honors

Electrical Engineering 2023-2024 (Class of 2027)

Alternate 4-year plans for Honors, CEN/ELE double majors, and for students taking Pre-Calculus in their first semester are available on the ECE Web site: <https://ece.umaine.edu/undergraduate/computer-engineering-curriculum/>

Fall First Year		
CHY 131	Chemistry for Engineers	3
CHY 133	Chemistry for Engineers Lab	1
CMJ 103	Fund of Public Communication Human Values/Social Context	3
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
MAT 126	Calculus I	4
		15

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
ENG 101	College Composition	3
MAT 127	Calculus II	4
PHY 121	Physics for Engineers I	4
		15

Fall Sophomore		
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
Elective	HV & SC (1) Cultural Diversity & International Perspectives	3
MAT 228	Calculus III	4
PHY 122	Physics for Engineers II	4
		18

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
ECE 351	Fields and Waves	3
MAT 258	Diff Eqn. & Linear Algebra	4
Elective	HV & SC (2) - Western Cultural Tradition	3
		17

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 314	Signals and Systems	3
Elective	ECE Technical Elective (1)	3
		13

Spring Junior		
ECE 343	Electronics II	4
ECE 401	Design Project	2
ECE 486	Digital Signal Processing	4
Elective	Electrical Focus (1)	3
Elective	ECE Technical Elective (2)	3
		16

Fall Senior		
ECE 402	Design Project II	4
Elective	Electrical Focus (2)	3
Elective	Generic Focus (2)	3
Elective	Generic Focus (1)	3
Elective	HV & SC (3) Population and the Environment	3
		16

Spring Senior		
ECE 403	Design Project III	2
ECE 414	Feedback Control Systems	3
Elective	Electrical Focus (3)	3
Elective	HV & SC (4) Artistic & Creative Expression	3
Elective	HV & SC (5) Ethics	3
		14

Total Credit Hours	124
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ECE
Math & Science
English
Gen Ed

Electrical Engineering with Honors 2023-2024 (Class of 2027)

See: <https://ece.umaine.edu/undergraduate/honors-program/>

Fall First Year		
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
HON 111	Civilizations I	4
MAT 126	Calculus I	4
PHY 121	Physics for Engineers I	4
		16

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
HON 112	Civilizations II	4
MAT 127	Calculus II	4
PHY 122	Physics for Engineers II	4
		16

Fall Sophomore		
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
HON 211	Civilizations III	4
MAT 228	Calculus III	4
		15

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
ECE 351	Fields and Waves	3
HON 212	Civilizations IV	4
MAT 258	Diff Eqn. & Linear Algebra	4
		18

Fall Junior		
CHY 131	Chemistry for Engineers	3
CHY 133	Chemistry for Engineers Lab	1
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 314	Signals and Systems	3
HON 180	A Cultural Odyssey	1
		15

Spring Junior		
ECE 343	Electronics II	4
ECE 401	Design Project	2
ECE 486	Digital Signal Processing	4
HON 3XX	Honors Tutorial	3
Elective	Electrical Focus (1)	3
HON 170	Currents and Context	1
HON 391	Intro to Thesis Research	1
		18

Fall Senior		
HON 498	Honor Directed Study	3
Elective	Electrical Focus (2)	3
Elective	ECE Technical Elective (1)	3
Elective	Generic Focus (2)	3
Elective	Generic Focus (1)	3
		15

Spring Senior		
ECE 414	Feedback Control Systems	3
HON 499	Honors Thesis	3
Elective	Electrical Focus (3)	3
Elective	ECE Technical Elective (2)	3
		12

Total Credit Hours	125
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ECE
Math & Science
Honors
Gen Ed

Double Major 2023-2024 (Class of 2027)

Fall First Year		
CHY 131	Chemistry for Engineers	3
CHY 133	Chemistry for Engineers Lab	1
CMJ 103	Fund of Public Communication Human Values/Social Context	3
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
MAT 126	Calculus I	4
Elective	HV & SC (1) Cultural Diversity & International Perspectives	3
		18

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
ENG 101	College Composition	3
MAT 127	Calculus II	4
PHY 121	Physics for Engineers I	4
Elective	HV & SC (2) - Western Cultural Tradition	3
		18

Fall Sophomore		
ECE 198 COS 221	Object Oriented Programming Intro to Computer Science II (COS 221 may not be regularly offered)	3
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
MAT 228	Calculus III	4
PHY 122	Physics for Engineers II	4
		18

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
ECE 351	Fields and Waves	3
MAT 258	Diff Eqn. & Linear Algebra	4
Elective	HV & SC (3) Population and the Environment	3
		17

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 314	Signals and Systems	3
Elective	Computer Focus (2)	3
ECE 471	Embedded Systems	3
		16

Spring Junior		
ECE 343	Electronics II	4
ECE 401/5	Design Project	2
Elective	Computer Focus (1)	3
ECE 486	Digital Signal Processing	4
Elective	Electrical Focus (1)	3
		16

Fall Senior		
ECE 402/6	Design Project II	4
ECE 473	Computer Architecture & Org	4
MAT 481 COS 250	Discrete Mathematics Discrete Structures	3
Elective	Electrical Focus (2)	3
Elective	Computer Focus (3)	3
Elective	Computer Focus (4)	1
		18

Spring Senior		
ECE 331 COS 331	Introduction to UNIX Systems Administration Operating Systems	3
ECE 403	Design Project III	2
ECE 414	Feedback Control Systems	3
Elective	Electrical Focus (3)	3
Elective	HV & SC (4) Artistic & Creative Expression	3
Elective	HV & SC (5) Ethics	3
		17

Total Credit Hours		138
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ECE
Math & Science
English
Gen Ed

Either ECE 401/402 or ECE 405/406 are required, but not both for double major. Students must complete the sequence associated with their "Primary" major.

Double Major with Honors 2023-2024 (Class of 2027)

See: <https://ece.umaine.edu/undergraduate/honors-program/>

Fall First Year		
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
HON 111	Civilizations I	4
MAT 126	Calculus I	4
PHY 121	Physics for Engineers I	4
		16

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
HON 112	Civilizations II	4
MAT 127	Calculus II	4
PHY 122	Physics for Engineers II	4
		16

Fall Sophomore		
ECE 198 COS 221	Object Oriented Programming Intro to Computer Science II (<i>COS 221 may not be regularly offered</i>)	3
ECE 210	Electrical Networks I	4
ECE 271	Micro Arch & Applications	4
HON 211	Civilizations III	4
MAT 228	Calculus III	4
		19

Spring Sophomore		
ECE 214	Electrical Networks Lab	3
ECE 275	Sequential Logic Systems	3
ECE 351	Fields and Waves	3
HON 212	Civilizations IV	4
MAT 258	Diff Eqn. & Linear Algebra	4
		17

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 314	Signals and Systems	3
ECE 471	Embedded Systems	3
HON 180	A Cultural Odyssey	1
		14

Spring Junior		
ECE 343	Electronics II	4
ECE 401/5	Design Project	2
Elective	Computer Focus (1)	3
ECE 486	Digital Signal Processing	4
HON 3XX	Honors Tutorial	3
HON 391	Intro to Thesis Research	1
		17

Fall Senior		
ECE 473	Computer Architecture & Org	4
HON 498	Honor Directed Study	3
MAT 481 COS 250	Discrete Mathematics Discrete Structures	3
Elective	Computer Focus (2)	3
Elective	Electrical Focus (1)	3
		16

Spring Senior		
ECE 331 COS 331	Introduction to UNIX Systems Administration Operating Systems	3
ECE 414	Feedback Control Systems	3
HON 499	Honors Thesis	3
Elective	Electrical Focus (3)	3
Elective	Computer Focus (4)	1
HON 170	Currents and Context	1
		14

Fall 5th Year		
CHY 131	Chemistry for Engineers	3
CHY 133	Chemistry for Engineers Lab	1
Elective	Computer Focus (4)	3
Elective	Electrical Focus (2)	3
		10

Total Credit Hours		139
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ECE
Math & Science
Honors
Gen Ed

Either ECE 401 or ECE 405 is required, but not both for double major.

Electrical Engineering 2023-2024: Power Engineering (Class of 2027)

Fall First Year		
CHY 131	Chemistry for Engineers	3
CHY 133	Chemistry for Engineers Lab	1
CMJ 103	Fund of Public Communication Human Values/Social Context	3
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
MAT 126	Calculus I	4
		15

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
ENG 101	College Composition	3
MAT 127	Calculus II	4
PHY 121	Physics for Engineers I	4
		15

Fall Sophomore		
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
Elective	HV & SC (1) - Western Cultural Tradition	3
MAT 228	Calculus III	4
PHY 122	Physics for Engineers II	4
		18

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
EET 321	Electro-Mechanical Energy Conversion	4
MAT 258	Diff Eqn. & Linear Algebra	4
		15

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 314	Signals and Systems	3
ECE 427	Electric Power Systems	4
EET 460	Renewable Energy and Electricity Production	3
		17

Spring Junior		
ECE 343	Electronics II	4
ECE 401	Design Project	2
ECE 414	Feedback Control Systems	3
ECE 351	Fields and Waves	3
ECE 498	Smart Grid and Enabling Technologies	3
		15

Fall Senior		
ECE 402	Design Project II	4
ECE 450	Power Electronics	3
ECE xxx	Suggest: Adv Controls, Cybersecurity, ...	3
Elective	HV & SC (4) Artistic & Creative Expression	3
Elective	HV & SC (3) Cultural Diversity & International Perspectives	3
		16

Spring Senior		
ECE 403	Design Project III	2
ECE 486	Digital Signal Processing	4
ECE 455	Electric Drives	3
Elective	HV & SC (5) Ethics	3
EET 423	Protective Relay Applications	3
		15

Total Credit Hours	126
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ECE	
Math & Science	Electrical Focus Tech Elective
English	Electrical Focus Tech Elective
Gen Ed	Electrical Focus Tech Elective
	ECE Tech Elective
	ECE Tech Elective
	Generic Focus Tech Elective
	Generic Focus Tech Elective
	HV & SC (2) Population and Environment Elective

Suggested Electives for Power Engineering		
ECE 427	Electric Power Systems	4
ECE 498	Smart Grid and Enabling Technologies	3
ECE 450	Power Electronics	3
ECE 455	Electric Drives	3
ECE xxx	Suggest: Adv Controls, Cybersecurity, Neural Networks ...	3
EET 321	Electro-Mechanical Energy Conversion	4
EET 423	Protective Relay Applications	3
EET 460	Renewable Energy and Electricity Production	

Computer Engineering with Pre-Calculus 2023-2024 (Class of 2027)

Computer Engineering students taking Pre-Calculus in their first semester are encouraged to use a summer session to complete Calculus II before the beginning of their 2nd academic year. These students complete the remainder of the program with their incoming cohort following the normal 4-year plan.

For those unable to complete Calculus II prior to the 2nd year, the circuits/electronics courses will be delayed. Courses can be carefully rearranged to complete the degree in four years. The sample curriculum below illustrates the course sequence.

Fall First Year		
CMJ 103	Fund of Public Communication Human Values/Social Context	3
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
MAT 122	Pre-Calculus	4
Elective	HV & SC (1) Cultural Diversity & International Perspectives	3
		14

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
ENG 101	College Composition	3
MAT 126	Calculus I	4
PHY 121	Physics for Engineers 1	4
		15

Fall Sophomore		
ECE 198 COS 221	Object Oriented Programming Intro to Computer Science II (COS 221 may not be regularly offered)	3
Elective	HV & SC (2) - Western Cultural Tradition	3
ECE 271	Micro Arch & Applications	4
MAT 127	Calculus II	4
PHY 122	Physics for Engineers II	4
		18

Spring Sophomore		
ECE 210	Electrical Networks I	3
ECE 275	Sequential Logic Systems	3
Elective	Generic Focus (1)	3
MAT 258	Diff Eqn. & Linear Algebra	4
Elective	HV & SC (3) Population and the Environment	3
		16

Fall Junior		
MAT 228	Calculus III	4
ECE 471	Embedded Systems	3
ECE 473	Computer Architecture & Org	4
ECE 314	Signals and Systems	3
Elective	HV & SC (4) Artistic & Creative Expression	3
		17

Spring Junior		
ECE 331 COS 331	Introduction to UNIX Systems Administration Operating Systems	3
ECE 405	Design Project	2
Elective	Computer Focus (1)	3
Elective	Computer Focus (2)	3
ECE 214	Electrical Networks Lab	4
		15

Fall Senior		
ECE 406	Design Project II	4
ECE 342	Electronics I	4
MAT 481 COS 250	Discrete Mathematics Discrete Structures	3
Elective	Computer Focus (3)	3
ECE 316 STS 332	Random Signal Analysis Statistics	3
		17

Spring Senior		
ECE 403	Design Project III	2
ECE 486	Digital Signal Processing	4
Elective	Computer Focus (4)	1
Elective	ECE Technical Elective (1)	3
Elective	ECE Technical Elective (2)	3
Elective	HV & SC (5) Ethics	3
		16

Total Credit Hours	128
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ECE
Math & Science
English
Gen Ed

Electrical Engineering with Pre-Calculus 2023-2024 (Class of 2027)

Fall First Year		
CHY 121	General Chemistry I	3
CHY 123	General Chemistry Laboratory I	1
CMJ 103	Fund of Public Communication Human Values/Social Context	3
ECE 100	ELE & CEN Eng Seminar	1
ECE 101	Intro to ELE & CEN Eng	3
MAT 122	Pre-Calculus	4
		15

Spring First Year		
ECE 177	Intro to Prog for Engineers	4
ENG 101	College Composition	3
MAT 126	Calculus I	4
PHY 121	Physics for Engineers I	4
		15

Summer First Year		
MAT 127	Calculus II	4
		4

(Summer Calc II required to maintain 4-year graduation schedule)

Fall Sophomore		
ECE 210	Electrical Networks I	3
ECE 271	Micro Arch & Applications	4
Elective	HV & SC (1) Cultural Diversity & International Perspectives	3
MAT 228	Calculus III	4
PHY 122	Physics for Engineers II	4
		18

Spring Sophomore		
ECE 214	Electrical Networks Lab	4
ECE 275	Sequential Logic Systems	3
ECE 351	Fields and Waves	3
MAT 258	Diff Eqn. & Linear Algebra	4
Elective	HV & SC (2) - Western Cultural Tradition	3
		17

Fall Junior		
ECE 316 STS 332	Random Signal Analysis Statistics	3
ECE 342	Electronics I	4
ECE 314	Signals and Systems	3
Elective	ECE Technical Elective (1)	3
		13

Spring Junior		
ECE 343	Electronics II	4
ECE 401	Design Project	2
ECE 486	Digital Signal Processing	4
Elective	Electrical Focus (1)	3
Elective	ECE Technical Elective (2)	3
		16

Fall Senior		
ECE 402	Design Project II	4
Elective	Electrical Focus (2)	3
Elective	Generic Focus (2)	3
Elective	Generic Focus (1)	3
Elective	HV & SC (3) Population and the Environment	3
		16

Spring Senior		
ECE 403	Design Project III	2
ECE 414	Feedback Control Systems	3
Elective	Electrical Focus (3)	3
Elective	HV & SC (4) Artistic & Creative Expression	3
Elective	HV & SC (5) Ethics	3
		14

Total Credit Hours	128
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ECE
Math & Science
English
Gen Ed

Electrical Engineering with Pre-Calculus (5 yr) 2023-2024 (Class of 2027)

Electrical Engineering students taking Pre-Calculus in their first semester are strongly encouraged to use a summer session to complete Calculus II before the beginning of their 2nd year -- allowing graduation in a four-year timeframe.

For those unable to complete Calculus II prior to the 2nd academic year, the prerequisite structure of the program implies a five-year course of study. The sample curriculum below illustrates the course sequence. Students selecting this option have a much lighter course schedule, and may wish to consider completing a minor or double major to augment the Electrical Engineering degree.

Fall First Year			Spring First Year		
CHY 121	General Chemistry I	3	ECE 177	Intro to Prog for Engineers	4
CHY 123	General Chemistry Laboratory I	1	ENG 101	College Composition	3
CMJ 103	Fund of Public Communication Human Values/Social Context	3	MAT 126	Calculus I	4
ECE 100	ELE & CEN Eng Seminar	1	PHY 121	Physics for Engineers I	4
ECE 101	Intro to ELE & CEN Eng	3			
MAT 122	Pre-Calculus	4			
15			15		
Fall Sophomore			Spring Sophomore		
ECE 271	Micro Arch & Applications	4	ECE 210	Electrical Networks I	3
Elective	HV & SC (1) Cultural Diversity & International Perspectives	3	ECE 275	Sequential Logic Systems	3
MAT 127	Calculus II	4	Elective	HV & SC (2) Artistic & Creative Expression	3
PHY 122	Physics for Engineers II	4	MAT 258	Diff Eqn. & Linear Algebra	4
15			Elective	HV & SC (3) - Western Cultural Tradition	3
			16		
Fall Junior			Spring Junior		
Elective	Generic Focus (1)	3	ECE 214	Electrical Networks Lab	4
MAT 228	Calculus III	4	ECE 486	Digital Signal Processing	4
ECE 314	Signals and Systems	3	Elective	ECE Technical Elective (1)	3
Elective	HV & SC (4) Population and the Environment	3	ECE 351	Fields and Waves	3
13			14		
Fall Senior			Spring Senior		
ECE 342	Electronics I	4	ECE 401	Design Project	2
Elective	Generic Focus (2)	3	ECE 414	Feedback Control Systems	3
Elective	ECE Technical Elective (2)	3	Elective	Electrical Focus (1)	3
Elective	HV & SC (5) Ethics	3	ECE 343	Electronics II	4
13			Elective	Electrical Focus (2)	3
			15		
Fall 5th Year			Spring 5th Year		
ECE 402	Design Project II	4	ECE 403	Design Project III	2
ECE 316 STS 332	Random Signal Analysis Statistics	3	(With permission of the senior project instructor, ECE 403 may be completed remotely - with a few campus visits - if it is the last requirement remaining for graduation.)		
Elective	Electrical Focus (3)	3			
10			2		
Total Credit Hours					128

ECE
Math & Science
English
Gen Ed