

<i>Course and Title</i>	<i>Sem. Hours</i>	<i>Min. Grade</i>	<i>Course and Title</i>	<i>Sem. Hours</i>	<i>Min. Grade</i>
<b>YEAR ONE – Semester 1</b>			<b>YEAR ONE – Semester 2</b>		
ECE 222, Intro to Digital Computation	3.0		MATH 250, Calculus II	4.0	C
ENGL 101, Composition I	3.0	C	ENGL 102, Composition II	3.0	C
MATH 150, Calculus I	4.0	C	PHYS 205A/255A, University Physics/Lab	4.0	C
UNIV 101U, Saluki Success	1.0		ECE 296/296L, Intro Software Tools Robot/Lab	4.0	
CMST 101, Intro Oral Communication	3.0				
	<b>14.0</b>			<b>15.0</b>	
<b>YEAR TWO – Semester 1</b>			<b>YEAR TWO – Semester 2</b>		
MATH 251, Calculus III	3.0		MATH 305, Intro Differential Equations	3.0	
PHYS 205B/255B, University Physics/Lab	4.0		PHIL 105, Elementary Logic	3.0	
ECE 235/235L, Electric Circuits I/Lab	4.0	C	ECE 336, Electric Circuits II	3.0	
ECE 315, Math Methods	4.0	C	ECE 327/327L, Dig Circ Desn HDL/Lab	4.0	
	<b>15.0</b>		ECE 375/375L, Intro Electro Fields/Lab	4.0	
				<b>17.0</b>	
<b>YEAR THREE – Semester 1</b>			<b>YEAR THREE – Semester 2</b>		
ECE 355/355L, Signals & Systems/Lab	4.0		BIOL 202, Human Genetics & Health	2.0	
ECE 385/385L, Electro Energy Conversion/Lab	4.0		ECE 356/356L, Systems & Control/Lab	4.0	
ECE 345/345L, Electronics/Lab	4.0		ECE Elective <sup>1</sup>	4.0	
ECON 240/241, Intro Microecon or Macroecon	3.0		PHIL 104, Ethics	3.0	
Science Elective	2.0		UCC Social Science	3.0	
	<b>17.0</b>			<b>16.0</b>	
<b>YEAR FOUR – Semester 1</b>			<b>YEAR FOUR – Semester 2</b>		
ECE 495E, EE Senior Design I	3.0		ECE 495D, ECE Senior Design II	3.0	
ENGR 304I, Social History American Tech	3.0		ECE Elective <sup>1</sup>	4.0	
ECE Elective <sup>1</sup>	3.0		ECE Elective	3.0	
ECE Elective <sup>1</sup>	4.0		Science Elective	2.0	
ECE Elective <sup>1</sup>	4.0		UCC Fine Arts	3.0	
	<b>17.0</b>			<b>15.0</b>	

**Total Hours: 126**

Academic policies as well as degree and major-specific requirements can be found at [catalog.siu.edu](http://catalog.siu.edu). All students are encouraged to meet with the academic advisor on a regular basis to ensure timely progress to degree.

University Core Curriculum (UCC) is satisfied with the transfer of an Associate of Art or Sciences (AA or AS) degree or the completion of the Illinois Articulation Initiative-General Education Core Curriculum (IAI-GECC) from an Illinois community college.

<sup>1</sup>Choose at least 18 hours from: ECE 456, 472, 481, 482, 483, 484, 486, 487, 488, and 489