

# Recommended Academic Plan for Biomedical Electronics Technology

Certificate of  
Specialization



This plan is a suggested semester-by-semester plan. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based Placement exam scores, scheduling, degree requirements, and graduation requirements.

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
EE:130 Electric Circuits I	4	MTH:140 or equivalent placement test scores or department approval		
BIO:109 Human Biology (preferred) <b>OR</b>  BIO:111 Introductory Biology <b>OR</b>  BIO:207 Anatomy and Physiology I	3-4	BIO:111 or one year of high school biology and chemistry with labs within previous 5 years or permission of the Biology department chairperson		
<b>Subtotal</b>	<b>7-8</b>			
Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
EE:131 Electric Circuits II	4	EE:130, MTH:170 or MTH:185		
EE:132 Electronic Devices	5	Prior or concurrent enrollment in EE:131		
<b>Subtotal</b>	<b>9</b>			
Semester 3				
Course	Credits	Prerequisite	Milestone/Notes	Completed
BE:153 Workplace Learning: Biomedical Engineering Technology	4	BE:150, BIO:102, and EE:132	<b>Apply for Graduation</b> *Student may need prerequisite override	
BE:254 Biomedical Applications	4	BE:251	*Student may need prerequisite override	
<b>Subtotal</b>	<b>8</b>			

**Total Credit Hours for Program: 24-25**

\*See Catalog for classes that will fulfill the elective requirements [catalog.stlcc.edu](http://catalog.stlcc.edu)

**Maximize your transfer credits/classes by meeting with an academic advisor.**

Program Title Quick Checklist		
Courses	Credit Hours	Notes
<b>GENERAL EDUCATION</b>		
<b>PHYSICAL EDUCATION 2 credit hours</b> At least one credit must be an activity		
<b>REQUIRED COURSES</b>		
BIO:109 Human Biology (preferred) OR	3	
BIO:111 Introductory Biology OR	4	
BIO:207 Anatomy and Physiology I	4	
EE:130 Electric Circuits I	4	
EE:131 Electric Circuits II	4	
EE:132 Electronic Devices	5	
BE:153 Workplace Learning: Biomedical Engineering Technology	4	
BE:254 Biomedical Applications	4	
<b>ELECTIVES</b>		

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