

# Mechatronics Engineering

**Degree Type**  
Concentration

## Required Courses

Students wishing to obtain the Mechatronics Engineering concentration will take the following 7 courses. Six of these courses (all but [CSCI-101](#), [CSCI-102](#), and [CSCI-130](#)) count towards the 21 credits of electives needed for the Engineering Major.

Course Code	Title	Credits
CSCI-210	Discrete Mathematics	3
ENGR-305	Dynamics	3
ENGR-461	Electronics	3
ENGR-464	Digital Electronics	3
ENGR-477	Introduction to Mechatronics Applications	3
ENGR-478	Control Systems	3

## Programming Course

Plus on additional course in programming, chosen from this list:

Course Code	Title	Credits
CSCI-101	Programming I	4
CSCI-102	Programming II	4
CSCI-130	Programming with Python	3

This course may NOT count towards the engineering major!

<b>Total Credits</b>	<b>21-22</b>
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