

Engineering Career Paths

Biosystems Engineering

Associate in Science Degree (A.S.) with Guided Career Path for Biosystems Engineering

At a Glance

The Biosystems engineering career path is designed for students who plan to transfer to a four year institution to complete a Bachelor's Degree in Biosystems Engineering. Students who complete this program will be prepared to study in a Biosystems engineering discipline and may choose to pursue an option in Ecological Engineering or Forest Engineering.

The Statewide Articulation Reporting System (STARS) will provide very specific transfer information to specific majors at each state-funded four-year institution. Once a student chooses a major and a place of transfer, an individualized guide and contract can be created. The STARS website can be accessed from the CACC homepage at www.cacc.edu. You may also access STARS from the CACC Admissions Office. CACC also has designated Transfer Advisors.

NOTE: *The sample Guided Curricular Path below contains all the elements required for degree/certificate completion. However, courses may be offered or taken in other semesters so long as prerequisites are met and courses are available. Additional options may also be available. Courses may be available days, nights, hybrid, and online. Sample paths for part-time attendance may also be available. Please see an advisor. *Students must check with the Senior Institution to determine which courses are required.*

First Semester

ORI 105	Orientation & Student Success	3
ENG 101	English Composition I	3
MTH 125	Calculus I	4
HIS 201	United States History I	3
BIO 103	Principles of Biology I	4
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	Total Semester Credit Hours	17

Second Semester

ENG 102	English Composition II	3
CIS 146	Microcomputer Applications	3
ECO 232	Principles of Macroeconomics	3
MTH 126	Calculus II	4
PHY 213	Principles of Biology II	4
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	Total Semester Credit Hours	17

Third Semester

SPH 106	Fundamentals of Oral Communication	3
CHM 111	College Chemistry I	4
PHL 206	Ethics & Society	3
ENG 251	English Literature I	3
MTH 227	Calculus III	4
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	Total Semester Credit Hours	17

Fourth Semester

ENG 262	English Literature II	3
HIS 202	United States History II	3
MUS 101	Music Appreciation	3
ECO 231	Principles of Microeconomics	3
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	Total Semester Credit Hours	12

TOTAL CREDIT HOURS **63**