

BIOSYSTEMS ENGINEERING

Guided Pathway/Map

NOTE: The Guided Pathway below contains all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online. *Please refer to your Alabama Transfers guide or transfer institution for specific course requirements.

| | Course # | Course Name | Semester Hours |
|-------------------|------------------|---|----------------------|
| Semester 1 | ENG101 | English Composition I | 3 |
| | MTH125 | Calculus I | 4 |
| | History | Choose a sequence in history: HIS101 (Western Civilization) OR HIS121 (World History) OR HIS201 (US History) | 3 |
| | Fine Arts | MUS101 (Music Appreciation) OR ART100 (Art Appreciation) OR THR120 (Theatre Appreciation) | 3 |
| | ORI 101 | College Orientation | 1 |
| | | | Semester 1 Total: 14 |
| Semester 2 | ENG102 | English Composition II | 3 |
| | Natural Science | CHM111 (College Chemistry I) | 4 |
| | History | Choose a history course to complete the sequence: HIS102 (Western Civilization) OR HIS122 (World History) OR HIS202 (US History) | 3 |
| | Area V Elective | MTH126 (Calculus II) | 4 |
| | Area V Elective | CIS146 (Microcomputer Applications) | 3 |
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| Semester 3 | Literature | Choose a literature: ENG251 or ENG252 (American Literature) OR ENG261 or ENG262 (English Literature) OR ENG271 or ENG272 (World Literature) | 3 |
| | Natural Science | PHY201 (General Physics I) | 4 |
| | Area V Elective | MTH227 Calculus III | 4 |
| | Area V Elective | BIO103 (Principles of Biology) | 4 |
| | | | |
| Semester 4 | Area IV Elective | Choose one: (Refer to Alabama Transfers) ECO231 (Principles of Macroeconomics) OR ECO232 (Principles of Microeconomics) OR GEO100 (World Regional Geography) OR POL211 (American National Government) OR PSY200 (General Psychology) OR PSY210 (Human Growth & Development) OR SOC200 (Introduction to Sociology) | 3 |
| | Humanities | PHL206 (Ethics and Society) | 3 |
| | Area V elective | SPH106 (Fundamentals of Oral Communication) OR SPH107 (Fundamentals of Public Speaking) | 3 |
| | Area V Elective | Refer to Alabama Transfers | 3 |

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| | Area V Elective | <i>Refer to Alabama Transfers</i> | 3 |
| | | | Semester 4 Total: 15 |
| | | | Program Total: 61 |

<https://www.wallace.edu/campus-life-resources/counseling-advising/transfer-information/>