

CHEMISTRY

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 | ORI101 | Orientation to College | 1 |
| | SPH106 or SPH107 | Fundamentals of Oral Communication or Fundamentals of Public Speaking | 3 |
| | ENG101 | English Composition I | 3 |
| | MTH125 | Calculus I | 4 |
| | CHM111 | College Chemistry I | 4 |
| Semester 2 | ENG102 | English Composition II | 3 |
| | MTH126 | Calculus II | 4 |
| | CHM112 | College Chemistry II | 4 |
| | History | Pick a history sequence: HIS101 (Western Civilization I) & HIS102 (Western Civilization II) or HIS121 (World History I) & HIS122 (World History II) or HIS201 (United States History I) & HIS202 (United States History II) | 3 |
| | PSY200 | General Psychology | 3 |
| Semester 3 | CHM221 | Organic Chemistry I (offered in a mini term only during summer semester) | 4 |
| | CHM222 | Organic Chemistry II (offered in a mini term only during summer semester) | 4 |
| | History | Pick a history sequence HIS101 (Western Civilization I) & HIS102 (Western Civilization II) or HIS121 (World History I) & HIS122 (World History II) or HIS201 (United States History I) & HIS202 (United States History II) | 3 |
| | PSY210 | Human Growth and Development | 3 |
| Semester 4 | CIS146 | Microcomputer Applications | 3 |
| | PHY213 | General Physics I with Calculus | 4 |
| | PHY216 | Required Co Req. for PHY 213 | 1 |
| | Literature | Pick a literature Sequence: ENG251 (American Literature I) & ENG252 (American Literature II) or ENG261 (English Literature I) & ENG262 (English Literature II) or ENG271 (World Literature I) or ENG272 (World Literature II) | 3 |
| | Fine Art | ART100 (Art Appreciation) or MUS101 (Music Appreciation) | 3 |

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| Semester 5 | PHY214 | General Physics II with Calculus | 4 |
| | PHY217 | Required Co Req. for PHY 214 | 1 |
| | *MTH 227 | Calculus III | 4 |
| | Literature | Pick a literature Sequence: ENG251 (American Literature I) & ENG252 (American Literature II) or ENG261 (English Literature I) & ENG262 (English Literature II) or ENG271 (World Literature I) or ENG272 (World Literature II) | 3 |
| | Elective | ECO231 (Principles of Macroeconomics) ECO232 (Principles of Microeconomics) GEO100 (World Regional Geography) | 3 |

* Check the requirements of the institution you plan to transfer to in order to determine if Cal III or Linear Algebra is needed.