

Bio-Systems Engineering (Auburn University Only), A.S.

This plan of study was developed as a guideline for students who plan to transfer to Auburn University and pursue a degree in Bio- Systems Engineering. Students who plan to transfer to an out-of-state or private institution should consult that institution and plan their program of study in consultation with engineering faculty advisors and/or counselors. Some courses in this program are not available at all College locations. Upon completion of courses listed below, the transcript will reflect either an AA or AS degree without reference to the specific program of study.

* ENGINEERING EXCEPTIONS: For all engineering majors, the AGSC voted to allow the hour requirements in Area II to be reduced from 12 SH to 9 SH and in Area IV to be reduced from 12 SH to 9 SH. This reduction allowed for additional hours (6 semester hours) to be added to Area V for engineering majors so that required math and science courses could be taken prior to transfer that would meet national engineering accreditation standards (ABET). The ACCS has adopted this exception. Engineering students may take 9 hours in Area II, 9 hours in Area IV, and 25 to 29 hours in Area V.

NOTES

* PHL 106 must be taken on transfer to complete Auburn University's Area II requirements.

* ORI 101 or 105; CIS 146; SPH 106 or 107: Courses are not included in the Alabama Transfers Guide but are applicable toward the associate degree.

Type: Associate in Science

Area I: Written Composition

| Item # | Title | Credits |
|---------|------------------------|---------|
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |

Area II: Humanities and Fine Arts

*PHL 106 must be taken on transfer to complete Auburn University's Area II requirements.

| Item # | Title | Credits |
|--------|------------|---------|
| | Literature | 6 |
| | Fine Arts | 3 |

Area III: Natural Sciences and Mathematics

| Item # | Title | Credits |
|---------|------------------------------------|---------|
| CHM 111 | College Chemistry I | 4 |
| PHY 213 | General Physics I – Calculus Based | 4 |
| MTH 125 | Calculus I | 4 |

Area IV: History, Social and Behavioral Sciences

| Item # | Title | Credits |
|--------|--|---------|
| | History (Elective) | 3 |
| | ANT 200 or ECO 231-232 or POL 211 or PSY 200 or PSY 210 or SOC 200 | 3 |

Area V: Pre-Professional, Pre-Major, and Elective Courses

| Item # | Title | Credits |
|---------------|---|----------------------|
| | ORI 101 OR ORI 105 | 1-3 |
| CIS 146 | Microcomputer Applications | 3 |
| | Speech | 3 |
| MTH 126 | Calculus II | 4 |
| MTH 227 | Calculus III | 4 |
| BIO 103 | Principles of Biology I | 4 |
| | Additional Electives to Meet AS Degree Requirements | 6-8 |
| | Total credits: | Total Credits |
| | | 58-62 |