

Biology and Biology Education, A.S.

This plan of study was developed as a guideline for students who plan to transfer to an Alabama public four-year institution and pursue a degree in Biology. It is also appropriate for those seeking a degree in secondary education with a biology concentration. 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 biology faculty advisors and/or counselors. Some courses in this program may not be 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.**

NOTES:

* Must complete a 6-semester-hour sequence in Literature or History.

* For Humanities, Social/Behavioral Sciences and Area V Electives: Some 4-year institutions require a specific course or courses in the indicated areas. Check the Alabama Transfers Guide and Area V page of your intended transfer institution for additional guidance. Transfer credits may not exceed 50% of those required for the 4-year degree.

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

Program: [Biology](#)

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

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

Area III: Natural Sciences and Mathematics

Item #	Title	Credits
BIO 103	Principles of Biology I	4
BIO 104	Principles of Biology II	4
MTH 112	Precalculus Algebra	3

Area IV: History, Social and Behavioral Sciences

Item #	Title	Credits
	History	3-6
	Social and Behavioral Sciences	6-9

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

Item #	Title	Credits
	ORI 101 OR ORI 105	1-3
CIS 146	Computer Applications	3
CHM 111	College Chemistry I	4
CHM 112	College Chemistry II	4
	Electives as Determined by Transfer Institution (Biology and Biology Education)	5-9
	Total credits:	Total Credits
		60-64