

Black Hawk College Associate in Arts degree for transfer to St. Ambrose University
Suggested Course of Study for the **Biology Major, B.S.**

First Year, Classes taken at BHC					
Fall			Spring		
BHC	Credit	SAU Equivalent	BHC	Credit	SAU Equivalent
ENG 101	3	ENGL EL	ENG 102	3	ENGL 101
PHILOSOPHY	3		Social/Behavioral Science*	3	
BIOL 105: General Biology I	5	BIOL 199	BIOL 106: General Biology II	5	BIOL 200
CHEM 101: General Chem I	4	CHEM 105	CHEM 102: General Chem II	4	CHEM 106
Total	15		Total	15	
Second Year, Classes taken at BHC					
Fall			Spring		
BHC	Credit	SAU Equivalent	BHC	Credit	SAU Equivalent
Social/Behavioral Science*	3		Social/Behavioral Science*	3	
Fine Arts*	3		Humanities or Fine Arts*	3	
CHEM 203 Organic Chem I (see CHEM note below)	5	CHEM 207+209	SPEC 101	3	COMM 129
MATH 108: Stats for Gen Ed	3	STAT 213	Elective Courses	7	
Total	14		Total	16	
Third Year, Classes taken at SAU -- (See CHEM note below)					
Fall		Credit	Spring		Credit
Chemistry or Elective (see advisor)		4	BIOL 303: Genetics		4
BIOL 201: Diversity of Living Systems ⁺		4	BIOL 251: Fundamentals of Micro ⁺		4
KIN 149: Wellness Concepts		1	Theology		3
300-level Philosophy		3	WI Course outside Biology		3
Elective		3	IL-101: Information Literacy (recommended, but not required)		1
Total		15	Total		15
Fourth Year, Classes taken at SAU -- (See CHEM note below)					
Fall		Credit	Spring		Credit
WI-BIOL 300: Biological Lit. & Research		3	BIOL 301: Cell and Molecular Biology		4
BIOL 307: Ecology		4	BIOL 348: Evolution		4
300-level elective		3	300-level elective		3
300-level elective		3	Elective		3
Total		13	Total		14

*BHC's non-western studies graduation requirement may be satisfied by choosing one non-western IAI Humanities, Fine Arts, or Social & Behavioral Sciences course. Consult a BHC advisor for course options.

⁺Either BIOL 251 or BIOL 201 satisfies the diversity requirement for the B.S. in Biology.

Chemistry Note:

SAU requires Organic Chemistry I for the Biology B.S. degree. Biology majors are strongly advised to discuss their transfer and career goals with advisors and faculty at both institutions to meet the application requirements for graduate programs including medical schools. These advanced programs may also require Organic Chemistry II and/or Biochemistry. Organic Chemistry II is offered at SAU and BHC. If taking Organic Chemistry I and II, complete

both courses at the same institution. SAU's Biochemistry is CHEM 319; BHC's CHEM 111 Principles of Organic Biochemistry transfers to SAU as a Chemistry Elective.
(FYI: The Biology B.A. degree at SAU does not require Organic Chemistry I; seek advising for an alternate course.)

Additional Notes:

Must pass math, English and communication courses with a grade of C or better.

Complete a minimum of 60 credits for the AA degree; 120 total semester credits for the BS degree with at least 30 semester credits at the 300 level or above.

Complete two writing intensive courses, one in the major area at the 300-level or above.

This Plan assumes the student has met the SAU foreign language requirement (3 years of high school foreign language or competency through 102) and does not need to take college reading, writing or pre-college math.

Revised June 24, 2020