



ANCILLA COLLEGE

TRANSFER PROGRAM

RECOMMENDED COURSEWORK

BIOCHEMISTRY

Why should I consider a College Transfer Program?

Transfer requirements vary from college to college. The sample transfer curriculum below indicates a program of study that will help prepare students for Bachelor's degrees at senior institutions. See an advisor to assist you in creating an educational plan to fit a chosen program of study and the transfer requirements for the college or university where you will complete the Bachelor's degree.

Below are suggested courses to meet the transfer requirements for BS in Biochemistry at IUSB. Students can receive an A.S. degree in General Studies from Ancilla College.

What are the requirements for Biochemistry?

Suggested Schedule of Classes:

First Semester --	Credits	Third Semester --	Credits
CS135 Computer Literacy	3	CH120 General Chemistry I	5
EN110 Writing I	3	EN Literature	3
HM101 Freshman Seminar	3	History, Economics -OR- Political Science	3
BI122 Principles of Biology I	5	Elective*	5
AR, MS, or Fine Arts/Modern Language	3		
		Fourth Semester --	
Second Semester --		Elective*	5
CA115 Public Speaking	3	Elective*	5
EN212 Writing II	3	History, Economics -OR- Political Science	3
MT110 College Algebra	3	Elective*	5
RL160 Religion & Am. Culture	3		
SC140 Intro to Sociology	3		

General Elective Total: 18 credit hours **Gen. Ed. Requirements:** 44 credits **Total Credits to Graduate:** 62 credit hours

*Suggested electives include: CH 121 General Chemistry II, CH 250 Organic Chemistry I, CH 251 Organic Chemistry II, MT 230 Calc I, MT 231 Calc II, NT 110 Nutrition, PY 201 Physics I, PY 202 Physics II, SC160 Social Problems, SC 170 Culture & Society. **18 credits of electives are needed.**

“Every great advance in science has issued from a new audacity of the imagination.”

- John Dewey

What can I do with an Associate degree in the field of Biochemistry?

Biochemistry is the science in which the principles of chemistry, biology, genetics, mathematics and physics are focused on investigations of biomolecular, organelles, cells, tissues and organisms. It provides the basis for biotechnology and molecular biology techniques ranging from biomolecular computation and modeling to regulation of gene expression. Biochemists study the discrete characteristics of every organism and biological process. Biochemistry prepares students for careers in many areas of science, medicine, agriculture, and industry.

Effective Date: Fall 2009