

ASSOCIATE IN SCIENCE

Life Sciences

curriculum code: 0645 | HEGIS code: 5649

minimum credit hours required: 60

This degree program parallels the first two years of course content for the Bachelor of Science or Bachelor of Arts degrees offered by many four-year colleges or universities. Working with faculty advisors, students can focus on interest areas in biology, chemistry, and environmental science, which will prepare them for transfer into baccalaureate programs. Students interested in careers in pharmacy, medicine, dentistry, veterinary medicine, medical technology, and related areas begin their studies in this degree program. It is very important for a student to learn the requirements of the first two years of any college to which they may wish to transfer.

Note: Students must complete at least 30 hours of SUNY General Education courses that are distributed among at least seven of the 10 SUNY content categories.

REQUIRED COURSES	CR
INT 1555: Inquire	2
ENG 1510: English Composition I	3
ENG 1530: English Composition II	3
MAT 1600: Precalculus (or higher)	4
Social Sciences Elective – SUNY Gen Ed	3
BIO 1570: Principles of Cell & Molecular Biology	4
BIO 1580: Principles of Ecology & Evolution	4
CHE 1550: College Chemistry I	4
CHE 1560: College Chemistry II	4
Program Core Elective**: Choose from BIO1500, BIO1510, BIO1551/1552, BIO2510, BIO 2520, BIO2531/2532, BIO2560, BIO 2010, BIO2020, BIO2760, INT2800, CHE1500, CHE1530, CHE2530, CHE2540, MAT1540, MAT1590, MAT1600, MAT1710, MAT1720, MAT2650, PHY1610, PHY1620, PHY1710, PHY2710, GLG1510, GLG 1550	19-20
Open Electives: up to 6 credits may need to be SUNY Gen ed - category specific and may need to fill JCC Essentials Global Perspective, Cultural Understanding, and Diversity requirements.	9-10
TOTAL CREDITS: 60	

IMPORTANT POINTS:

- A GPA of at least 2.0 in math/science coursework is required for graduation.
- CHE 1500 and CHE 1530 - only one may count as a program core elective. If both are taken, one will count as a program core elective and the other as an additional liberal arts & sciences and/or career elective.

** A maximum of four 1-credit hour (non-lab) courses may count as program core electives. If more are taken, the credit(s) will count as additional liberal arts & sciences and/or career elective(s).