



Division of Science, Technology, Engineering and Mathematics

Associate in Science in Life Sciences

This program prepares students to transfer to a four-year institution in a biology or pre-med program, or have the skills necessary for an entry-level position as a laboratory technician. Successful completion of this program provides students with a solid foundation in biological sciences and liberal arts, which can translate into a number of exciting career opportunities. Students graduating from the Associate in Science in Life Sciences program will achieve proficiency in the college-wide learning outcomes.

Successful graduates of the program will be able to:

1. Apply the knowledge and methods of science to problems in the natural or medical sciences;
2. Use appropriate laboratory protocols to generate meaningful quantitative and qualitative data to form reasonable conclusions;
3. Use and care for instruments and equipment commonly encountered in a modern lab, including computer-driven data acquisition instrumentation;
4. Use mathematical tools to analyze data, such as tabulation and graphical analysis and algebraic methods;
5. Define and explain research questions, assumptions, observations, and results within the natural sciences;
6. Demonstrate critical thinking, creative thinking and problem-solving skills by applying scientific principles learned to multidisciplinary problems;
7. Apply knowledge about world regions and their histories, philosophical traditions, religions, artistic and cultural legacies, and economic and political forces in engaging others;
8. Take responsibility for their actions, self-assess, self-advocate, collaborate, and develop community and civic awareness.