



AS Liberal Arts & Science: Math/Science

At the completion of this degree program, students will be able to do the following:

1. Interpret and draw inferences from mathematical models such as formulas, graphs, tables, and schematics.
2. Represent mathematical information symbolically, visually, numerically, and verbally.
3. Use arithmetical, algebraic, geometric, and statistical methods to solve problems.
4. Demonstrate applying math in science venues.
5. Students will demonstrate an understanding of scientific methodology and theory, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence and employment of mathematical and interpretive analysis.
6. Interpret and evaluate math and science in media and common culture.
7. Communicate scientific concepts to a general science.
8. Students will locate, evaluate, and synthesize information from a variety of sources.
9. Students will successfully use technology to convey information and engage a variety of audiences.
10. Estimate and check mathematical and scientific results for reasonableness, determine alternatives, and select optimal results
11. Demonstrate collegiate-level knowledge in two or more of the following disciplines: humanities, social science, history, and foreign language.