

# Math & Science

## Minors & Concentrations

### **Applied Mathematics**

To develop problem-solving skills useful in science, engineering, business, and industry while providing a richer understanding of mathematical knowledge. 20 Credits

### **Applied Statistics**

To develop the skills needed in the collection, organization, analysis, and interpretation of data including the planning of data collection and designing of surveys and experiments. 20 Credits

### **Biology**

To provide a richer understanding of natural science concerned with the study of life and living organisms, including their structure, function, growth, origin, evolution, distribution, and taxonomy. 20 Credits

### **Chemistry**

To provide a richer understanding of the science of matter, including chemical reactions, composition, structure and properties. 26 Credits

### **Environmental Science**

To provide a richer understanding of the physical, biological, and human dimensions of the environment and its relation to humans. 22 Credits

### **Environmental Studies**

To provide a richer understanding of modern environmental problems, the short and long-term implications of human activities, and technical and scientific issues. 28 Credits

### **Mathematics**

To develop problem-solving skills useful in the contemporary workplace while providing a richer understanding of mathematical knowledge. 20 Credits

### **Physics**

To provide a richer understanding of the study of matter and its motion through space-time, along with related concepts such as energy and force. 20 Credits

### **Pre-Medical Concentration**

To provide a richer understanding of the fundamental science needed for medicine, dentistry, optometry, or veterinary medicine. 62 Credits

### **Two-Science/Three-Science**

To provide a richer understanding of Biology, Chemistry, and/or Physics.  
Two –Science: 17 Credits, Three-Science: 29 Credits

For more information visit: <http://www.oakland.edu/casadvising/minors>

Undergraduate Catalog: <http://catalog.oakland.edu/>

## **Oakland University**

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