

# Science Major Course Requirements

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## **Foundation Courses** – 30 credits required

- Biology – 10 credits
- Chemistry – 10 credits
- Physics – 10 credits

## **Breadth Courses** – 40 credits required

### Physical Science Emphasis:

- Introduction to Engineering (IED) – 10 credits
- Principles of Engineering (POE) – 10 credits
- 2 additional courses from the Life Science category (see below) – 20 credits

### Life Science Emphasis:

- Introduction to Engineering (IED) – 10 credits
- AP Biology or other AP Science – 10 credits
- Anatomy/Physiology – 10 credits
- Biotechnical Engineering (BE) – 10 credits

## **Capstone Course** – 10 credits required

- To be defined in cooperation with major advisor

## **Additional Required Courses** – 50 credits required

- 4 years Mathematics – 40 credits required
- Art 1 – 10 credits



## Science

Are you fascinated by the world around you? Do you find yourself constantly asking “why”? Is your DVR full of Mythbusters episodes? If so, a science major might be the right choice for you. Science seeks to answer fundamental questions about the smallest building blocks of life to greatest mysteries of the universe. A science major will give you the hands on laboratory experience and critical thinking skills needed to provide a solid foundation for a possible career in science or just satisfy your curiosity for the unknown. Isolate your own DNA! Grow bacteria that glows! Use forensics to trace an outbreak of a deadly disease! Do all of this and more when you choose to major in science at Inspire.

