



**Stanford**  
Undergrad

## Ways of Thinking Ways of Doing

### Scientific Method and Analysis (SMA)



#### What

Scientific Method and Analysis (SMA) courses have as their focus an understanding of the objects, processes and phenomena of natural science.

#### Why

Scientific literacy is critical to complex problem-solving and touches on many aspects of human life. Courses in SMA will enhance your ability to analyze and synthesize scientific information about the natural and physical world, understand the limitations and strengths of existing theories, ask strategic questions, and assess empirical evidence.

#### How

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#### Choose

You'll find many courses that will allow you to explore Scientific Method and Analysis, but here are some:

- [Addictions in our World: From Physiology to Human Behavior](#)
- [Chemistry in the Kitchen](#)
- [Investigating Ancient Materials](#)
- [Weather and Storms](#)
- [The Origin and Development of the Cosmos](#)

[See Scientific Method and Analysis courses in Explore Courses.](#)