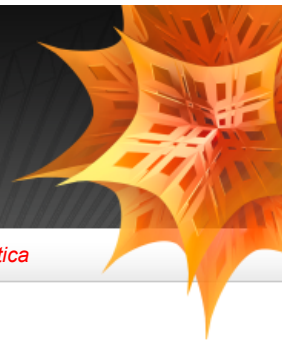


# Mathematica® at University of Southern Indiana

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## How to Get Mathematica

*Mathematica* is currently installed in the following locations:

### Computer Labs

- [Most University of Southern Indiana Computers have Mathematica installed](#)

*Mathematica* can also be installed on:

### ■ Campus machines

Follow the directions below to download software from Wolfram and request the appropriate activation key.

1. Create an account (*new users only*):
  - a. Go to [user.wolfram.com](http://user.wolfram.com) and click "Create Account"
  - b. Fill out form using a [@usi.edu](mailto:@usi.edu) email, and click "Create Wolfram ID"
  - c. Check your email and click the link to validate your Wolfram ID
2. Request the download and key:
  - a. [Fill out this form](#) to request an Activation Key
  - b. Click the "Product Summary page" link to access your license
  - c. Click "Get Downloads" and select "Download" next to your platform
  - d. Run the installer on your machine, and enter Activation Key at prompt

### ■ Faculty and staff personally owned machines

[Fill out this form](#) to request a home-use license from Wolfram.

### ■ Student personally owned machines

Follow the directions below to download software from Wolfram and request the appropriate activation key.

1. Create an account (*new users only*):
  - a. Go to [user.wolfram.com](http://user.wolfram.com) and click "Create Account"
  - b. Fill out form using a [@eagles.usi.edu](mailto:@eagles.usi.edu) email, and click "Create Wolfram ID"
  - c. Check your email and click the link to validate your Wolfram ID
2. Request the download and key:
  - a. [Fill out this form](#) to request an Activation Key
  - b. Click the "Product Summary page" link to access your license
  - c. Click "Get Downloads" and select "Download" next to your platform
  - d. Run the installer on your machine, and enter Activation Key at prompt

Are you interested in putting *Mathematica* elsewhere? Please let IT or [Roger Graves \(rgraves@wolfram.com\)](mailto:rgraves@wolfram.com) at Wolfram Research know.

## Mathematica Tutorials

The first two tutorials are excellent for new users, and can be assigned to students as homework to learn *Mathematica* outside of class time.

- **Hands-on Start to Mathematica**

Follow along in *Mathematica* as you watch this multi-part screencast that teaches you the basics—how to create your first notebook, calculations, visualizations, interactive examples, and more.

- **What's New in Mathematica 10**

Provides examples to help you get started with new functionality in *Mathematica* 10, including machine learning, computational geometry, geographic computation, and device connectivity.

- **How To Topics**

Access step-by-step instructions ranging from how to create animations to basic syntax information.

- **Learning Center**

Search Wolfram's large collection of materials for example calculations or tutorials in your field of interest.

## Teaching with Mathematica

*Mathematica* offers an interactive classroom experience that helps students explore and grasp concepts, plus gives faculty the tools they need to easily create supporting course materials, assignments, and presentations.

### Resources for educators

- **Mathematica for Teaching and Education—Free video course**

Learn how to make your classroom dynamic with interactive models, explore computation and visualization capabilities in *Mathematica* that make it useful for teaching practically any subject at any level, and get best-practice suggestions for course integration.

- **How To Create a Lecture Slideshow—Video tutorial**

Learn how to create a slideshow for class that shows a mixture of graphics, calculations, and nicely formatted text, with live calculations or animations.

- **Wolfram Demonstrations Project**

Download pre-built, open-code examples from a daily-growing collection of interactive visualizations, spanning a remarkable range of topics.

- **Wolfram Training Education Courses**

Access on-demand and live courses on *Mathematica*, *SystemModeler*, and other Wolfram technologies.

## Research with Mathematica

Rather than requiring different toolkits for different jobs, *Mathematica* integrates the world's largest collection of algorithms, high-performance computing capabilities, and a powerful visualization engine in one coherent system, making it ideal for academic research in just about any discipline.

### Resources for researchers

- **Mathematica for University Research—Free video course**

Explore *Mathematica*'s high-level and multi-paradigm programming language, support for parallel computing and GPU architectures, built-in functionality for specialized application areas, and multiple publishing and deployment options for sharing your work.

- **Utilizing HPC and Grid Computing—Video tutorial**

Learn how to create programs that take advantage of multicore machines or available clusters.

- **Field-Specific Applications**

Learn what areas of *Mathematica* are useful for specific fields.