

Digital Media

How do I display visually compelling information?

What tools and techniques are used to create animations, audio, and video?

How do I create interactive digital media content including augmented reality and games?

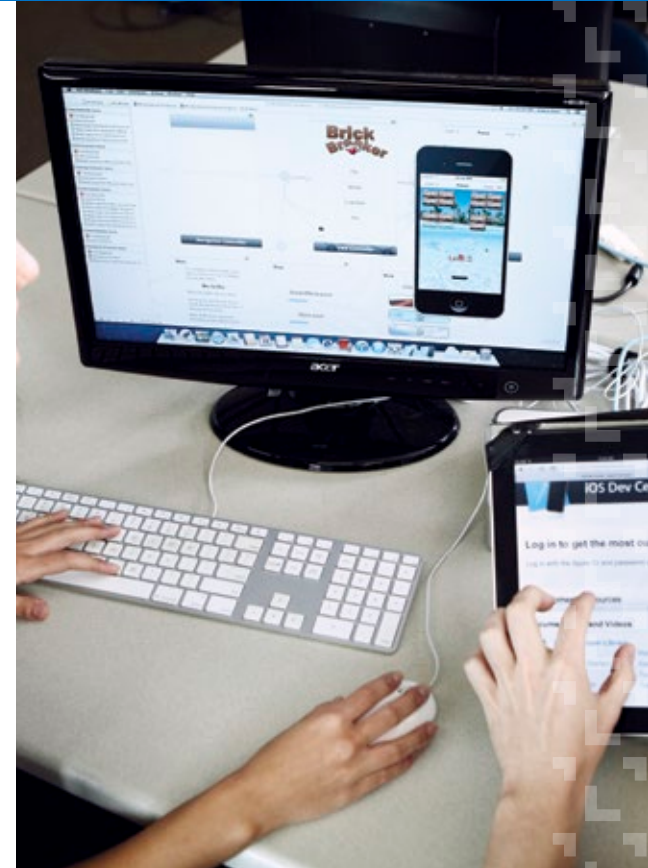
What are the fundamentals of 2D and 3D graphics?

What is the best way to design software that works on phones, tablets, watches and smart TVs?

This specialization covers topics such as computer graphics, information visualization, human computer interaction, machine vision and mobile development.

You'll study the underlying technologies used in computer games, web applications, mobile devices and other forms of digital media through the science that informs it.

Acquire specialized knowledge and understanding of the concepts, theories, and principles of digital media. Apply sound, images, graphics and video to interactive computer applications.



What will I study?

Courses Include:

- Advanced Computer Graphics
- Computer Graphics and Visualization
- Digital Media
- Human-Computer Interaction
- Information Visualization
- Interactive Media
- Mobile Devices

What can I do with my degree?

This specialization suits students who want to pursue careers in:

- Computer graphics
- Digital communications
- Game design
- Mobile app development
- Web and social media development

An undergraduate Computer Science degree—with a specialization in Digital Media—allows you to pursue graduate studies. This includes our Master of Science program in Computer Science.

Want more information?

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