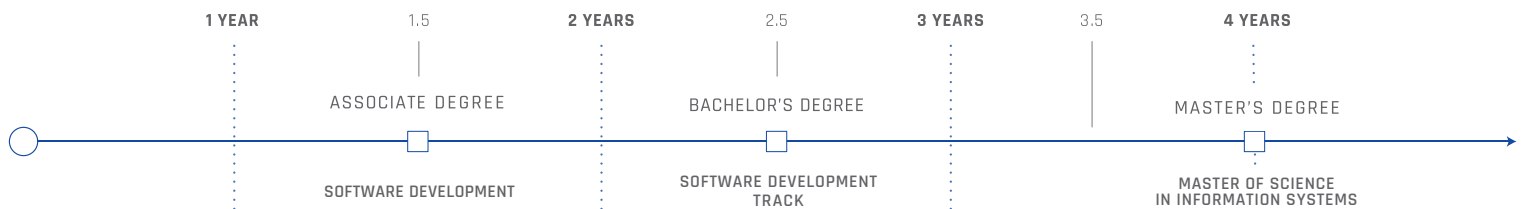




SOFTWARE DEVELOPMENT

The ever-increasing role of computers in society will continue to require skilled developers to design, develop, and implement software based solutions and products for business and consumers. Software applications systems connect you to a computer, tablet, smartphone or mobile device. Each year, enterprising developers and companies create an array of cloud, mobile and web-based offerings designed to make business more effective and our lives more enjoyable. ECPI University's Software Development major in the Computer and Information Science degree offers a skills based program utilizing the latest in technology across platforms using virtualization. ECPI's programs encourage students to obtain industry certifications and internships for real world experience that enhances graduate opportunities.

If this sounds like the career you've been looking for, consider earning a Bachelor of Science Degree in Computer and Information Science with a major in Software Development. Through ECPI University's year-round schedule, you could graduate in just 2.5 years!



Outcomes

Students majoring in Software Development in the bachelor's degree in Computer & Information Science program learn how to manage projects, design and write different computer programs, create interesting web pages, use and maintain databases, and install and secure computer networks. Students also learn to provide excellent customer service when assisting customers and clients with technical issues.

Computer and Information Science Outcomes:

- ▶ Use processes, tools, and technologies to support an organization
- ▶ Lead and work as a member of a technical team
- ▶ Apply written, oral, and graphical communication in both technical and non-technical environments
- ▶ Identify and use appropriate technical literature
- ▶ Engage in continuous professional development through user groups, associations, conferences, readings, research, and other channels
- ▶ Develop and use ethical best practices in the maintenance and security of information and systems
- ▶ Use cloud computing tools

Software Development Major Outcomes:

- ▶ Design and develop secure software solutions using object-oriented principles
- ▶ Develop integrated systems solutions using software, web, and mobile applications to access organizational databases
- ▶ Plan secure software solutions with customers

Possible Career Track

According to the U.S. Bureau of Labor Statistics, employment for software developers between 2014 and 2024 is expected to increase by 17%, which is much faster than the average for all occupations (14%).*

Job titles for these positions include:

- ▶ Mobile Application Developer
- ▶ Cloud Application Developer
- ▶ Software Developer
- ▶ Software Analyst
- ▶ Software Tester
- ▶ Web Developer

* Derived from U.S. Dept. of Labor Bureau of Labor Statistics Occupational Outlook Handbook, 2016-17 Edition