

GRADUATE CERTIFICATE IN BUSINESS APPLICATION DEVELOPMENT

The Graduate Certificate in Business Application Development provides students with the knowledge and skills needed to meet business and societal demands for software applications. Students learn how to determine the information needs of an organization and specify the systems that support its processes and functions. Students learn how to plan, design, develop, test, and debug business application systems, using modeling and programming languages, tools, and technologies. They gain practical, hands-on problem-solving skills and build applications using object-oriented programming languages and other development technologies. Students use an Interactive Development Environment (IDE) for software development, implement modularization and documentation, and learn best practices in software development.

Requirements Effective Fall 2020

Additional coursework may be required due to prerequisites.

Code	Title	Credits
CIS 605	Business Visual Application Development	3
CIS 610	Software Development Methodology	3
CIS 611	Object-Oriented Systems	3
CIS 665	E-Business Application Technologies	3
Program Total Credits:		12

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.