

100% ONLINE

IT BUSINESS ANALYSIS GRADUATE CERTIFICATE (ONLINE)

Purdue's Information Technology Business Analysis Graduate Certificate will provide professionals the knowledge of how to determine business requirements that drive IT-related projects. In addition, it will help them identify, analyze and design processes to improve the overall flow of information within their organization.

The curriculum enhances your knowledge in the areas of structure, policies, and operations of an organization. Learn to work as a liaison between the organization leadership and IT department to help them understand the needs of the organization and how IT can help achieve its goals. Develop skills to identify, document, and implement IT requirements for any business obstacles.

As a 100% online program, you can earn the certificate at your own pace, from anywhere in the world, choosing times for class work and study that fit your lifestyle. Courses are offered in an eight-week format for greater flexibility, so you can complete the required 12 credit hours in 12 months to 3 years.



PLAN OF STUDY

The IT Business Analysis Graduate Certificate courses are offered on a rolling format, 100% online, that lets you choose times for class work and study that fit your lifestyle. Courses are offered during fall and spring, in an eight-week format for greater flexibility, so you can complete the required 12 credit hours in 12 months to 3 years.



Polytechnic Institute

onlineadmissions@purdue.edu | <https://purdue.link/online-gc-itba> | 765-496-0990

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COURSE OVERVIEW

COURSES	CREDITS
<i>CNIT 53000 BAE - IT Business Analysis</i> <i>Pre-requisite</i> <i>Must be taken first</i>	3
<i>CNIT 53100 RMA - IT Requirements Analysis & Modeling</i>	3
<i>CNIT 53200 EA - IT Enterprise Analysis</i>	3
<i>CNIT 53500 ABA - Advanced Topics in IT Business Analysis</i>	3
<i>CNIT 57000 BDA - IT Data Analytics</i>	3
<i>CNIT 58500 PCM - Organizational and Change Management for IT Projects</i>	3

CORE COURSES

CNIT 53000 BAE - Business Analysis Essentials

Students learn the foundational knowledge needed to effectively perform skills, techniques, methods, and processes used by the Business Analysis profession and based on the Business Analyst Body of Knowledge (BABOK) and PMI Professional in Business Analysis (PMI-PBA)

CORE COURSES

CNIT 53200 EA - IT Enterprise Analysis

Students learn how to identify and define business needs and define solutions to satisfy those needs. In addition the areas of problems definition and analysis, business case development, and feasibility studies will be covered. (3 credits; 2nd 8 weeks)

CNIT 53500 ABA - Advanced Topics in IT Business Analysis

This course is designed to acquaint the student with the newest advances and techniques in business analysis as well as dealing with contemporary issues affecting BA process. Best practices, use of social media, cultural awareness and virtual teaming techniques are covered.

CNIT 55200 PME - IT Project Management

Understand maturity models such as CMMI and OPM3; quality assurance and its control and application; quality improvement methods and techniques such as Six Sigma, TQM and CPI; and application of quality management work products. Develop the ability to select and apply best practices and tools in quality management.

CNIT 57000 BDA - IT Data Analytics

Students learn decision strategies, Big Data concepts, plus Business and data analytics through the use of statistical inference, regression, predictive analytics, and data mining. Students will have “hands-on” opportunities through the use of a tool such as “R”, (an open source domain specific language (DSL) to assist in those efforts.

CNIT 53100 RMA - IT Requirements Analysis & Modeling

Students learn how to effectively model and analyze stakeholder requirements in order to define a workable solution.

CNIT 58500 PCM - Organizational and Change Management for IT Projects

Students learn to understand the application of a project management framework, select and apply the best practices, learn the necessary artifacts to initiate, plan, execute, control and close projects.

NOTE: All courses are subject to change and semester availability may vary.



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