

Business Programming and Systems Analysis (BPA)

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Graduates of Business Programming and Systems Analysis have strong technical skills in industry-required programming languages and database platforms, business/systems analysis and design, software development, web development, and mobile application development. Additionally, the team-oriented, project-based coursework familiarizes students with business process modeling, project management, and problem solving skills.

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All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Semester 1		Credits
ENG 101	English Composition	3
IT 101	.NET Programming 1	3
IT 110	HTML with CSS and JavaScript	4
IT 111	Database Design and SQL 1	4
CIT 190	Career Preparation: Engineering and Information Technologies	1
Semester 2		
IT 102	.NET Programming 2	4
COMM 110	Public Speaking	3
BPA 130	Business Systems Analysis and Design	3
IT 140	PHP and MySQL	4
IT 161	Java Programming 1	4
Semester 3		
BPA 291	Full-Time Cooperative Education 1: Business Programming and Systems Analysis	2
Semester 4		
ACC 101	Financial Accounting	3
MAT 151	College Algebra	4
IT 162	Java 2	4
IT 210	System Design and Implementation	3
BPA 230	Mobile Application Development	4
Semester 5		
BPA 292	Full-Time Cooperative Education 2: Business Programming and Systems Analysis	2
Semester 6		
ENG 10X English Composition Elective		3
ECO 1XX Economics Elective		3
BPA 240	Emerging Technologies: Web and Mobile Applications	4
BPA 290	Business Programming and Systems Analysis Capstone	4
XXX XXX Humanities Elective		3
Total Credits:		72

Electives

English Composition Elective

ENG 102	Composition and Argument	3
ENG 103	Composition and Literature	3
ENG 104	Composition and Technical Communication	3
ENG 105	Composition and Business Communication	3

Humanities Elective

Any ART, CULT, FRN, LIT, MUS, PHI, REL, SPN, THE

COMM 130	Introduction to Film Studies	3
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Economics Elective

ECO 105	Principles of Microeconomics	3
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ECO 110	Principles of Macroeconomics	3
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