

ACCOUNTING AND ANALYTICS (BBA)

The BBA in Accounting and Analytics at the Quinlan School of Business is a specialized degree program combining accounting skills with an understanding of broad data sets within a client firm's operations.

And the combined skills of accounting and analytics are much in demand. According to an American Institute of Certified Public Accountants (AICPA) trends report (<https://us.aicpa.org/content/dam/aicpa/interestareas/accountingeducation/newsandpublications/downloadabledocuments/2019-trends-report.pdf>):

"The accounting profession is rapidly evolving. Technological innovations, especially in data science and analytics, are becoming a more common part of the profession and are changing the way we do business and whom we hire to do it."

Related Programs

Major

- Accounting (BBA) (<https://catalog.luc.edu/undergraduate/business/accounting-bba/>)

Curriculum

All Quinlan School of Business students must complete the University Core Curriculum, Business Core Curriculum, and Undergraduate School of Business program requirements. Students pursuing the BBA degree in Accounting and Analytics must also complete 24 required hours from the Major Requirements listed below.

Code	Title	Hours
Undergraduate Business Program Requirements		
COMM 103	Business & Professional Speaking ¹	3
MATH 110	Business Precalculus	3
or MATH 118	Precalculus II	
ETHC 341	Ethics in Business	3
QUIN 101	Business Learning and Careers	0
QUIN 102	Financial Literacy and Well-Being	1
QUIN 202	Career Preparation	2
Writing Intensive		
Select two Writing Intensive courses ²		6
Global Awareness		
Select one of the following: ³		3
Any business course from the International Business Major Group, or: (p. 1)		
ANTH 100	Globalization and Local Cultures	
ANTH 102	Culture, Society, and Diversity	
ENTR 313	Entrepreneurship - Global Opportunity Scan	
GLST 101	Introduction to Global Studies	
PLSC 102	International Relations in an Age of Globalization	
Business Core Curriculum		
ACCT 201	Introductory Accounting I	3
ACCT 202	Introductory Accounting II	3
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3

FINC 301	Introductory Business Finance	3
or FINC 334	Principles of Corporate Finance	
INFS 247	Business Information Systems	3
INFS 343	Business Analytics	3
or ECON 346	Econometrics	
ISSCM 241	Business Statistics	3
or STAT 103	Fundamentals of Statistics	
LREB 315	Law and the Regulatory Environment of Business I	3
MARK 201	Principles of Marketing	3
MGMT 201	Managing People and Organizations	3
MGMT 304	Strategic Management	3
SCMG 232	Introduction to Supply Chain Management	3

Major Requirements

Required Accounting and Information Systems Courses

ACCT 303	Intermediate Accounting I	3
ACCT 311	Auditing & Internal Control Systems	3
ACCT 317	Managerial Accounting	3
ACCT 328	Concepts in Taxation	3
INFS 346	Database & Data Warehousing Systems	3

Analytics Choice

Select three of the following:		9
INFS 348	Advanced Data Analytics	
INFS 360	Data Visualization & Business Intelligence	
INFS 394	Programming in Python	
SCMG 489	Supply Chain Analytics ⁴	
INFS 494	Data Mining ⁴	
INFS 791	Programming for Business Decision Making ⁴	
Other Graduate Business Analytics elective courses if approved ⁴		

Total Hours	84
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¹ Accounting and Analytics majors with prior credit for COMM 101 Public Speaking & Critical Thinking who wish to take the CPA exam should take ENGL 210 Business Writing for Business Communication credit.

² One must be a Quinlan course or ENGL 210 Business Writing. Writing Intensive courses must be taken in separate terms.

³ A study abroad experience will also satisfy this requirement.

⁴ Graduate business course taken senior year where 2 Quinlan graduate courses are permitted.

A student who is an accounting and analytics major may be administratively removed as an accounting and analytics major if the student earns a grade below "C-" in two or more upper-level accounting classes (ACCT 303 Intermediate Accounting I and beyond).

International Business Major Group

Code	Title	Hours
ACCT 306	Advanced Financial Accounting	3
ECON 323	International Economics	3
ECON 324	International Monetary Relations	3
ECON 325	Economics of Growth & Development	3
FINC 355	International Finance Management	3
HRER 329	Global HR and Organizational Behavior	3
IBUS 201	Introduction to International Business	3

IBUS 201H	Business Management: A Global and Social Perspective	3
IBUS 315	International Management	3
INFS 336	Global Perspectives on Digital Business	3
MARK 363	International Marketing	3
SCMG 338	Global Supply Chain Management I	3
SPRT 345	Globalization of Sport Industry	3

Suggested Sequence of Courses

The below sequence of courses is meant to be used as a suggested path for completing coursework. An individual student's completion of requirements depends on course offerings in a given term as well as the start term for a major or graduate study. Students should consult their advisor for assistance with course selection.

Course	Title	Hours
Year 1		
Fall		
ECON 201	Principles of Microeconomics	3
INFS 247	Business Information Systems	3
MATH 110 or MATH 118	Business Precalculus or Precalculus II	3
QUIN 101	Business Learning and Careers	0
Hours		9
Spring		
ACCT 201	Introductory Accounting I	3
ECON 202	Principles of Macroeconomics	3
QUIN 202	Career Preparation	2
Hours		8
Year 2		
Fall		
ACCT 202	Introductory Accounting II	3
ACCT 303	Intermediate Accounting I	3
ISSCM 241 or STAT 103	Business Statistics or Fundamentals of Statistics	3
QUIN 202	Career Preparation	2
Hours		11
Spring		
ACCT 311	Auditing & Internal Control Systems	3
INFS 346	Database & Data Warehousing Systems	3
MGMT 201	Managing People and Organizations	3
SCMG 232	Introduction to Supply Chain Management	3
Business Writing Intensive Course		3
Hours		15
Year 3		
Fall		
ACCT 328	Concepts in Taxation	3
COMM 103	Business & Professional Speaking	3
MARK 201	Principles of Marketing	3
Analytics Choice		3
Hours		12
Spring		
FINC 301	Introductory Business Finance	3

INFS 343 or ECON 346	Business Analytics or Econometrics	3
ETHC 341	Ethics in Business	3
Analytics Choice		3
Hours		12
Year 4		
Fall		
ACCT 317	Managerial Accounting	3
LREB 315	Law and the Regulatory Environment of Business I	3
Writing Intensive Course		3
Hours		9
Spring		
MGMT 304	Strategic Management	3
Global Awareness		3
Analytics Choice		3
Hours		9
Total Hours		85

CPA Exam Requirements

Students taking the CPA examination in Illinois are required to have earned 120 semester hours of college credit. At least 150 earned credit hours are required for licensure. The additional credit hours can be earned at Loyola at either the undergraduate or the graduate-level MSA.

Accounting and Analytics majors planning to take the CPA exam are required to take the following, in addition to their Major Requirements:

Code	Title	Hours
ACCT 304	Intermediate Accounting II	3
Select three of the following:		9
ACCT 306	Advanced Financial Accounting	
ACCT 307	Adv Accounting: Not-For-Profit Entities & Adv Financial Accounting Topics	
ACCT 308	Accounting Information Systems and Sustainability Reporting	
ACCT 323	Advanced CPA Topics	
ACCT 326	Fraud Investigation	
ACCT 341	Advanced Studies in Taxation	
ACCT 399	Special Topics in Accounting	

For more information about the CPA examination, visit the Illinois Board of Examiner's CPA Exam (<https://www.ilboe.org/>) page.

Specialized Requirements

Transfer Students

At the discretion of the Quinlan School of Business, a maximum of one transfer course (<https://www.luc.edu/quinlan/academics/studentresources/undergraduate/transferecredit/>) taken prior to matriculating at Loyola University Chicago may be allowed to satisfy major requirements.

Study Abroad

Students planning to study abroad are encouraged to meet with their academic advisor early in the planning stage. A student will be permitted to take up to two approved courses in any Quinlan major or minor (and

including BA Economics majors). All study abroad courses must be reviewed through the Study Abroad Office course approval process.

Important Details

A 2.0 average GPA is required for all attempted business courses. (BA in Economics students must also earn a 2.0 average GPA for all attempted Economics courses).

Quinlan students are limited to double dipping once (that is, counting one course twice) between any major or minor combination, regardless of what program the major or minor is taken in. Non-Quinlan students are limited to double dipping twice (that is, counting two courses twice) between business school minors and/or their respective majors.

Additional Undergraduate Graduation Requirements

All Undergraduate students are required to complete the University Core, at least one Engaged Learning course, and UNIV 101. SPCS students are not required to take UNIV 101. Nursing students in the Accelerated BSN program are not required to take core or UNIV 101. You can find more information in the University Requirements (<https://catalog.luc.edu/undergraduate/university-requirements/>) area.

Learning Outcomes

- Managerial accounting
- Taxation concepts
- Database & data systems
- Data analytics
- Business intelligence
- CPA exam preparation