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.


“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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>FINC 334</td>
<td>Principles of Corporate Finance (required for Finance majors and minors)</td>
<td>3</td>
</tr>
<tr>
<td>INFS 247</td>
<td>Business Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>INFS 343</td>
<td>Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>ISSCM 241</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>LREF 315</td>
<td>Law and the Regulatory Environment of Business I</td>
<td>3</td>
</tr>
<tr>
<td>MARK 201</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 201</td>
<td>Managing People and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 304</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMG 232</td>
<td>Introduction to Supply Chain Management</td>
<td>3</td>
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</tbody>
</table>

Major Requirements

In addition to Core Curriculum and Business Core Curriculum requirements, students pursuing the BBA degree in Accounting and Analytics must complete 24 credit hours in the following courses:

- **Required Accounting and Information Systems Courses**
  - ACCT 303 Intermediate Accounting I
  - ACCT 311 Auditing & Internal Control Systems
  - ACCT 317 Managerial Accounting
  - ACCT 328 Concepts in Taxation
  - INFS 346 Database & Data Warehousing Systems

- **Analytics Choice**
  - Select three of the following:
    - INFS 348 Advanced Data Analytics
    - INFS 360 Data Visualization & Business Intelligence
    - INFS 394 Programming in Python
    - SCMG 489 Supply Chain Analytics
    - INFS 494 Data Mining
    - INFS 791 Programming for Business Decision Making

- **Other Graduate Business Analytics elective courses if approved**

Total Hours: 83-84

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. Students majoring in Finance are strongly encouraged to take MATH 161 Calculus I instead of MATH 131 Applied Calculus I.
3. One must be a Quinlan course or ENGL 210 Business Writing.
4. A study abroad experience will also satisfy this requirement.
5. Graduate business course taken senior year where 2 Quinlan graduate business 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).

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:
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 304</td>
<td>Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 306</td>
<td>Advanced Financial Accounting</td>
<td></td>
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<tr>
<td>ACCT 307</td>
<td>Advanced Accounting: Not-For-Profit Entities &amp;</td>
<td></td>
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<tr>
<td></td>
<td>Advanced Financial Accounting Topics</td>
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</tr>
<tr>
<td>ACCT 308</td>
<td>Accounting Information Systems</td>
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<tr>
<td>ACCT 323</td>
<td>Advanced CPA Topics</td>
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<tr>
<td>ACCT 326</td>
<td>Fraud Investigation</td>
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</tr>
<tr>
<td>ACCT 341</td>
<td>Advanced Studies in Taxation</td>
<td></td>
</tr>
<tr>
<td>ACCT 399</td>
<td>Special Topics in Accounting</td>
<td></td>
</tr>
</tbody>
</table>

Select three of the following: 9

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/transfercredit/) 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 courses must be approved by the Quinlan Undergraduate Dean.

**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. SCPS students are not required to take 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