ACCOUNTANCY AND ANALYTICS (MS)

This program was approved for students entering the university in the Summer 2023–Spring 2024 catalog year. For more information about catalog year, go to Catalog Year Information (http://catalog.louisville.edu/undergraduate/university-wide-unit-specific-policies/catalog-year/).

Master of Science in Accountancy and Analytics

Program Information
The mission of the College of Business is to prepare students for responsible and rewarding careers, as well as to enhance the economic vitality of the city, the region, and the broader business community. The Master of Science in Accountancy and Analytics (MSAA) program serves both missions by creating an opportunity for business professionals to have access to a continuing education program in the accounting and analytics area. The combination of accounting and analytics knowledge will satisfy regional labor requirements as businesses transition to a more data driven environment.

This program is designed to:

• Equip graduates with technical accounting knowledge of GAAP (Generally Accepted Accounting Principles)
• Prepare graduates to assume leadership positions in the professional practice of accounting as Certified Public Accountants
• Provide graduates with functional knowledge of data science from a managerial perspective
• Impart graduates with programmatic or professional understanding of the results of data effectively, especially in terms of data visualization and data storytelling.

The Master of Science in Accountancy and Analytics is a 37 credit hour cohort-based program. Graduates of the program may also receive the Graduate Certificate in Managerial Analytics. This graduate certificate is a twelve (12) credit hour certificate that provides business professionals with he skills to thrive in a data driven environment.

Admission Requirements
• Create application account
  Apply at the College of Business graduate programs website (http://business.louisville.edu/uoflmac/).
• Two letters of recommendation
  Within the application, submit name and email address of your recommender. He/she will receive an email invitation on your behalf. Your recommender should speak to your character, academic aptitude, etc.
• Professional resume
• Personal statement
  Within the application, attach a one–two page Word document describing your interest in the University of Louisville MAC program, why you selected the University of Louisville, your short and long term goals and any additional information you feel is relevant.
• Submit and pay application fee
• Official college transcript(s)
  Order an official college transcript from all colleges attended, including the degree granting institution.
• Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE)
  Waivers available

International Applicants
We welcome international applicants. Please be aware there are documents required in addition to the above list. Visit the graduate admissions page of the College of Business website (https://business.louisville.edu/academics-programs/apply-to-cob/) and open the International Applicant Checklist.

Program Requirements

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 622</td>
<td>Advanced Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>MAC 610</td>
<td>Commercial Law for Professional Accountants</td>
<td>3</td>
</tr>
<tr>
<td>MAC 644</td>
<td>CPA Exam Preparation BEC</td>
<td>1</td>
</tr>
<tr>
<td>MAC 660</td>
<td>Financial Statement Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MAC 668</td>
<td>Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>13</td>
</tr>
</tbody>
</table>

| | Spring | Hours |
| | | |
| ANLY 620 | Advanced Business Analytics | 1.5 |
| ANLY 625 | Spreadsheet Modeling for Analytics | 1.5 |
| MAC 620 | Advanced Audit and Assurance Services | 3 |
| MAC 626 | Advanced Corporate Financial Reporting | 3 |
| MAC 640 | CPA Preparation and Review AUD | 1 |
| MAC 646 | CPA Preparation and Review FAR | 1 |
| Total | | 11 |

| | Summer | Hours |
| | | |
| ANLY 610 | Database | 1.5 |
| ANLY 615 | Artificial Intelligence | 1.5 |
| ANLY 630 | Blockchain | 1.5 |
| ANLY 635 | Storytelling with Data | 1.5 |
| MAC 632 | Leadership | 1.5 |
| MAC 642 | CPA Exam Preparation REG | 1 |
| MAC 676 | Global Learning | 1.5 |
| MAC 680 | Capstone Project I | 1.5 |
The Master of Accountancy and Analytics program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state’s criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state’s licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website:

Kentucky State Board of Accountancy - CPA Exam Candidates
https://cpa.ky.gov/examcandidates/Pages/default.aspx

National Association of State Boards of Accountancy (NASBA) - The CPA Candidate Bulletin