

# ACCOUNTANCY: ACCOUNTANCY ANALYTICS, MS

*for the degree of Master of Science in Accountancy, Accountancy Analytics concentration (online)*

Department email ([accy@illinois.edu](mailto:accy@illinois.edu))

College website (<https://giesbusiness.illinois.edu/>)

MSA website (<https://giesbusiness.illinois.edu/msa/>)

iMSA website (<https://onlinemsa.illinois.edu/>)

**Overview of Graduate College Admissions & Requirements:** Graduate Admissions (<https://grad.illinois.edu/admissions/apply/>)

**Overview of College Admissions & Requirements:** Gies Catalog (<http://catalog.illinois.edu/schools/gies-business/academic-units/>)

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## The Accountancy Analytics concentration can be completed online.

The Accountancy Analytics Concentration is designed to develop leaders who understand (1) how to apply data analytics in a variety of accounting and business contexts, (2) critically solve business problems using data-intensive business and accounting information, and (3) synthesize and effectively communicate data-intensive information, findings, and conclusions to other environment-constituents, including supervisors, peers and subordinates, clients, and regulatory agencies. This concentration will not only provide a strong foundational knowledge of data analytics, but also provide students multiple opportunities to apply this knowledge via experiential learning opportunities.

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### Admission

All applicants to the Master of Science in Accountancy program should refer to the MSA program (<https://giesbusiness.illinois.edu/msa/admissions/>) or the iMSA program (<https://onlinemsa.illinois.edu/overview/>) for the online program.

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| Code                                              | Title                                                       | Hours     |
|---------------------------------------------------|-------------------------------------------------------------|-----------|
| ACCY 569                                          | Data Driven Decisions in Accounting                         | 2         |
| ACCY 576                                          | Data Preparation for Accounting                             | 2         |
| <b>Select eight (8) hours from the following:</b> |                                                             | <b>8</b>  |
| ACCY 577                                          | Machine Learning for Accounting                             |           |
| ACCY 578                                          | Accounting Analytics Applications                           |           |
| MBA 563                                           | Data Toolkit: Business Data Modeling & Predictive Analytics |           |
| MBA 564                                           | Data Analytics Applications in Business                     |           |
| MBA 565                                           | Infonomics                                                  |           |
| <b>Total Hours</b>                                |                                                             | <b>12</b> |

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**Chair of department:** Michael Donohoe

**Director of graduate studies:** Rachel Schwartz (MSA); Oktay Urcan (iMSA)

Department website (<https://giesbusiness.illinois.edu/accountancy/>)  
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