ACCOUNTANCY: ACCOUNTANCY ANALYTICS, MS

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

Chair of department: Theo Sougiannis
Director of graduate studies: Rachel Schwartz (MSA); Gary Hecht (iMSA)
College website: https://giesbusiness.illinois.edu/ (https://business.illinois.edu/)
Department website: https://giesbusiness.illinois.edu/accountancy (https://giesbusiness.illinois.edu/accountancy/)
MSA website: https://giesbusiness.illinois.edu/msa (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.

Graduate Degree Programs in Accountancy

Accountancy, MAS (http://catalog.illinois.edu/graduate/bus/accountancy-mas/)
with optional concentrations:
- Business & Public Policy (http://catalog.illinois.edu/graduate/bus/concentration/finance/business-public-policy/)
- Corporate Governance & International Business (http://catalog.illinois.edu/graduate/bus/concentration/badm/corporate-governance-international-business/)
- Data Analytics in Accountancy (http://catalog.illinois.edu/graduate/bus/concentration/accy/data-analytics-accountancy/)
- Finance (http://catalog.illinois.edu/graduate/bus/finance-mas/)
- Financial Reporting & Assurance (http://catalog.illinois.edu/graduate/bus/accountancy-mas/financial-reporting-assurance/)
- Information Technology & Control (http://catalog.illinois.edu/graduate/bus/concentration/badm/information-technology-control/)
- Real Estate (http://catalog.illinois.edu/graduate/bus/concentration/finance/real-estate/)
- Supply Chain Management (http://catalog.illinois.edu/graduate/bus/concentration/badm/supply-chain-management/)
- Taxation (http://catalog.illinois.edu/graduate/bus/concentration/accy/taxation/)

Accountancy, MS (http://catalog.illinois.edu/graduate/bus/accountancy-ms/) (on campus & online)

On campus concentrations:
- Business & Public Policy (http://catalog.illinois.edu/graduate/bus/concentration/finance/business-public-policy/)
- Corporate Governance & International Business (http://catalog.illinois.edu/graduate/bus/concentration/badm/corporate-governance-international-business/)
- Data Analytics in Accountancy (http://catalog.illinois.edu/graduate/bus/concentration/accy/data-analytics-accountancy/)
- Finance (http://catalog.illinois.edu/graduate/bus/concentration/finance/finance/)
- Information Technology & Control (http://catalog.illinois.edu/graduate/bus/concentration/badm/information-technology-control/)
- Supply Chain Management (http://catalog.illinois.edu/graduate/bus/concentration/badm/supply-chain-management/)
- Taxation (http://catalog.illinois.edu/graduate/bus/concentration/accy/taxation/)

Online concentrations:
- Accountancy Analytics (p. 1)
- Accountancy, PhD (http://catalog.illinois.edu/graduate/bus/accountancy-phd/)

Minor:
- Accountancy (http://catalog.illinois.edu/graduate/bus/minors/accy/accountancy/)

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Accountancy Analytics (p. 1)
Data Analytics in Accountancy (http://catalog.illinois.edu/graduate/bus/concentration/accy/data-analytics-accountancy/)
Financial Reporting & Assurance (http://catalog.illinois.edu/graduate/bus/accountancy-mas/financial-reporting-assurance/)
Taxation (http://catalog.illinois.edu/graduate/bus/concentration/accy/taxation/)

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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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ACCY 569</td>
<td>Data Driven Decisions in Accounting</td>
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<tr>
<td>ACCY 576</td>
<td>Data Preparation for Accounting</td>
<td>2</td>
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<td>ACCY 577</td>
<td>Machine Learning for Accounting</td>
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<td>ACCY 578</td>
<td>Accounting Analytics Applications</td>
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<td>MBA 563</td>
<td>Data Toolkit: Business Data Modeling &amp; Predictive Analytics</td>
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<td>MBA 564</td>
<td>Applying Analytics Across Business Functions</td>
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<tr>
<td>MBA 565</td>
<td>Infonomics</td>
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Total Hours 12

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