GRADUATE CERTIFICATE IN BUSINESS ANALYTICS (STEM)

The master of science in business analytics degree program offers a stand-alone graduate certificate in business analytics. The graduate certificate is available to current School of Business and GW graduate students as well as interested professionals who are not currently enrolled at the University. The credits earned for this certificate may be counted toward the MS degree up to three years after completion of the certificate.

This is a STEM designated program.

Visit the program website (https://business.gwu.edu/academics/programs/certificate/graduate-certificate-business-analytics/) for additional information.

ADMISSIONS

Admission deadline:
- Fall and Summer
  - Round 1 1/15
  - Round 2 4/1
  - Round 3 5/15

Standardized test scores:
- Either the Graduate Admissions Management Test (GMAT – institution code QK4-4F-40) or the Graduate Records Exam (GRE – institution code 5246) is required.

Recommendations required:
- Two (2) recommendations

Prior academic records:
- Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript.
- Unofficial transcripts from all colleges and universities attended should be uploaded to your online application. Official transcripts are required only of applicants who are offered admission.

Statement of purpose:
- In no more than 500 words, describe how the Master of Science in Business Analytics program fits into your professional life and career objectives.

Additional requirements:
- A current resumé is required.

International applicants only:
- Please follow this link - https://graduate.admissions.gwu.edu/international-student-application-requirements (https://graduate.admissions.gwu.edu/international-student-application-requirements/) - to review the International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an L-20 or DS-2019 from GW, and English language requirements.

PLEASE NOTE that the minimum English language test scores required by this program are:
- Academic IETLS: an overall band score of 7.0 with no individual band score below 6.0; or
- TOEFL: 600 on paper-based, or 100 on Internet-based; or
- Academic PTE: 68

Supporting documents not submitted online should be mailed to:
The GW School of Business
Attn: Graduate Admissions
2201 G Street, NW, Suite 550
Washington, DC 20052

Contact for questions:
business@gwu.edu
202-994-1212
Hours: 9 am to 5 pm, Monday through Friday

Visit the School of Business website (https://business.gwu.edu/graduate-applications/) for additional admissions information.

REQUIREMENTS

The following requirements must be fulfilled: 12 credits, including 9 credits in required courses and 3 credits in elective courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNSSC 6302</td>
<td>Programming for Analytics I</td>
<td></td>
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<tr>
<td>DNSSC 6303</td>
<td>Programming for Analytics II</td>
<td></td>
</tr>
<tr>
<td>DNSSC 6311</td>
<td>Stochastic Foundation: Probability Models</td>
<td></td>
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<tr>
<td>DNSSC 6312</td>
<td>Statistics for Analytics I</td>
<td></td>
</tr>
<tr>
<td>DNSSC 6314</td>
<td>Machine Learning I</td>
<td></td>
</tr>
<tr>
<td>DNSSC 6315</td>
<td>Machine Learning II</td>
<td></td>
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Electives

A minimum of 3 credits in elective courses selected from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>DNSSC 6209</td>
<td>Forecasting for Analytics</td>
</tr>
<tr>
<td>DNSSC 6280</td>
<td>Supply Chain Analytics</td>
</tr>
<tr>
<td>DNSSC 6320</td>
<td>Pricing and Revenue Management</td>
</tr>
<tr>
<td>DNSSC 6321</td>
<td>Social Network Analytics</td>
</tr>
<tr>
<td>DNSSC 6323</td>
<td>Visualization for Analytics</td>
</tr>
<tr>
<td>DNSSC 6325</td>
<td>Business Process Simulation</td>
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*DNSC 6302 and DNSC 6311 may be waived by examination. If a waiver is granted, the total number of credits required for the certificate is not reduced; the number of credits from the waived course(s) must be made up by taking additional elective courses.