Admissions Prerequisite Requirement

Prior knowledge of statistics — Applicants should have knowledge or experience in quantitative work such as science, engineering, or business. The objective is to establish a baseline knowledge and to prepare the student for the advanced coursework in this program. Applicants from other disciplines will be considered based on prior academic and professional experience. Qualified applicants should have successfully completed an undergraduate- or graduate-level course in statistics or be able to show significant experience using statistics in a professional capacity. If a foundation in statistics is absent, the program may require the completion of a fundamental STAT course prior to entry.

Certificate Requirements

Requirements listed here are in addition to requirements listed in Graduate Council policy GCAC-212 Postbaccalaureate Credit Certificate Programs (https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-212-postbaccalaureate-credit-certificate-programs/).

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>BAN 830</td>
<td>Descriptive Analytics for Business</td>
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<tr>
<td>BAN 840</td>
<td>Predictive Analytics for Business</td>
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<td>BAN 550</td>
<td>Prescriptive Analytics for Business</td>
<td>3</td>
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<tr>
<td>Total</td>
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Courses

Graduate courses carry numbers from 500 to 699 and 800 to 899. Advanced undergraduate courses numbered between 400 and 499 may be used to meet some graduate degree requirements when taken by graduate students. Courses below the 400 level may not. A graduate student may register for or audit these courses in order to make up deficiencies or to fill in gaps in previous education but not to meet requirements for an advanced degree.

Learning Outcomes

1. Communication Skills: Students will know how to formulate and articulate results, analysis, and strategic action plans individually and collaboratively in written, oral, or presentation form.

2. Professional Skills and Problem Solving: Using relevant tools, analytic theories, and professional observations students will be able to conduct analyses that transform data into meaningful information.

3. Integrative Understanding: Students will understand how to apply data and analytics to the full spectrum of business analytics practice (descriptive, predictive and prescriptive).
Contact

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Program Website: View (http://www.worldcampus.psu.edu/degrees-and-certificates/business-analytics-certificate/overview/)