ANALYTICS MINOR

https://ceps.unh.edu/computer-science/program/minor/analytics

Description

The objective of this minor is to provide a basic background in analytics for those interested in applications.

Requirements

Students must complete five courses (20 credits) with a cumulative minimum grade point average of 2.0 and with no grade below a C- grade. Transfer course approval for the minor is limited to at most, two relevant courses successfully completed at another accredited institution, subject to syllabi review and approval. Some preparation in MATH 425: Calculus I and programming (CS 414: From Problems to Algorithms to Programs, CS 415: Introduction to Computer Science I, or COMP 425: Introduction to Programming) is required.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Requirements</td>
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<tr>
<td>CS 417</td>
<td>From Programs to Computer Science (Durham Students)</td>
<td>4</td>
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<tr>
<td>or COMP 525</td>
<td>Data Structures Fundamentals</td>
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<tr>
<td>CS 457</td>
<td>Introduction to Data Science and Analytics</td>
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<tr>
<td>or DATA 557</td>
<td>Introduction to Data Science and Analytics</td>
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<tr>
<td>MATH 545</td>
<td>Introduction to Linear Algebra</td>
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<td>MATH 645</td>
<td>Linear Algebra for Applications</td>
<td>4</td>
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<td>Select one of the following:</td>
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<tr>
<td>DATA 674</td>
<td>Predictive and Prescriptive Analytics I</td>
<td>4</td>
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<tr>
<td>DATA 675</td>
<td>Predictive and Prescriptive Analytics II</td>
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<tr>
<td>DATA 750</td>
<td>Neural Networks</td>
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<td>DATA 757</td>
<td>Mining Massive Datasets</td>
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<tr>
<td>Total Credits</td>
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</tbody>
</table>

For more information, contact Wheeler Ruml, program coordinator and minor supervisor, at wheeler.ruml@unh.edu.