MANAGEMENT INFORMATION SYSTEMS, B.S. (BEHREND)

Begin Campus: Any Penn State Campus
End Campus: Erie

Degree Requirements
For the Bachelor of Science degree in Management Information Systems, a minimum of 120 credits is required:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>45</td>
</tr>
<tr>
<td>Requirements for the Major</td>
<td>96-97</td>
</tr>
</tbody>
</table>

21 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 6 credits of GQ courses; 6 credits of GS courses; 9 credits of GWS courses.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of coursework in the major to be taken at the location or in the college or program where the degree is earned.

General Education
Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required.)
- Quantification (GQ): 6 credits
- Writing and Speaking (GWS): 9 credits

Knowledge Domains
- Arts (GA): 6 credits
- Health and Wellness (GHW): 3 credits
- Humanities (GH): 6 credits
- Social and Behavioral Sciences (GS): 6 credits
- Natural Sciences (GN): 9 credits

Integrative Studies (may also complete a Knowledge Domain requirement)
- Inter-Domain or Approved Linked Courses: 6 credits

University Degree Requirements
First Year Engagement
All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement
6 credits are required and may satisfy other requirements
- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum
3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits
A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work
Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition
The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80)). For more information, check the Suggested Academic Plan for your intended program.

Requirements for The Major
Each student must earn at least a grade of C in each 300- and 400-level course in the major field.

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44).

Common Requirements for the Major (All Options)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA 241</td>
<td>Legal Environment of Business</td>
<td>2</td>
</tr>
<tr>
<td>BA 242</td>
<td>Social and Ethical Environment of Business</td>
<td>2</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Introductory Macroeconomic Analysis and Policy</td>
<td>3</td>
</tr>
<tr>
<td>MIS 204</td>
<td>Introduction to Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>PSU 7</td>
<td>First-Year Seminar Behrend</td>
<td>1</td>
</tr>
</tbody>
</table>

Prescribed Courses: Require a grade of C or better

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</thead>
<tbody>
<tr>
<td>ACCTG 211</td>
<td>Financial and Managerial Accounting for Decision Making</td>
<td>4</td>
</tr>
</tbody>
</table>
Business Analyst Option (31 credits)

Requirements for the Option
Select 3 to 6 credits from any business major field or any non-business major course, except for all KINES (GHW) courses, any ENGL course below ENGL 15, and any MATH course below MATH 110. Exceptions may be petitioned through the applicable department chair.

Supporting Courses and Related Areas
Select 12 to 15 credits of 300- or 400-level MIS or business supporting courses

Additional Courses
Select one of the following:
- ECON 470 International Trade and Finance
- FIN 471 International Finance
- IB 303 International Business Operations
- MGMT 461 International Management
- MKTG 445 Global Marketing
- Other 300-400-level international business courses

Requirements for the Option
Select an option 31-32

Data Analyst Option (31 credits)

Prescribed Courses
Prescribed Courses: Require a grade of C or better
- MIS 345 Introduction to Data Analytics 3
- MIS 445 Business Intelligence 4
- MIS 447 Data Warehousing 3

Additional Courses
Additional Courses: Require a C or better
Select 3 credits in any approved programming course 3
Select 3 credits of 300- or 400-level MIS or business supporting courses 3
Select 9 credits of 300- or 400-level MIS or CMPSC courses 9

Supporting Courses and Related Areas
Select 6 credits from any business major field or any non-business major course, except for all KINES (GHW) courses, any ENGL course below ENGL 15, and any MATH course below MATH 110. Exceptions may be petitioned through the applicable department chair.

Systems Analyst Option (31-32 credits)

Prescribed Courses
Prescribed Courses: Require a grade of C or better
- MIS 435 Systems Design and Implementation 4

Additional Courses
Additional Courses: Require a grade of C or better
Select 9 credits in any approved programming course 9
Select 6-7 credits of 300- or 400-level courses in Computer Science or MIS in consultation with academic adviser
Select 6-9 credits of 300- or 400-level MIS or business supporting courses 6-9

Supporting Courses and Related Areas
Select 3 to 6 credits from any business major field or any non-business major course, except for all KINES (GHW) courses, any ENGL course below ENGL 15, and any MATH course below MATH 110. Exceptions may be petitioned through the applicable department chair.  

1 The Supporting Courses Requirements will support students who want to earn a concurrent major (such as Project and Supply Chain Management) or choose to complete a minor or a certificate in another field. Students will be advised and encouraged to develop a distinctive competency in a related field such as Marketing or Business Economics that will differentiate them upon graduation. This section also gives students flexibility to pursue coursework outside of the Black School of Business (i.e. Communication or other areas of interest). Students are strongly encouraged to discuss their options with their academic adviser.