

**MATHEMATICS - Business Option (MTHBD)**  
**(B.S., 120 credits)**

**Communications**

ENGL 015 \_\_\_\_ (3)  
 ENGL 202C \_\_\_\_ (3)  
 CAS 100 \_\_\_\_ (3)

**Common Prescribed Courses**

CMPSC 122 \_\_\_\_ (3) §  
 MATH 141 \_\_\_\_ (4) §  
 MATH 220 \_\_\_\_ (2) §  
 MATH 230 \_\_\_\_ (4) §  
 MATH 251 \_\_\_\_ (4) §  
 MATH 311W \_\_\_\_ (4)  
 MATH 312 \_\_\_\_ (3)  
 STAT 301 \_\_\_\_ (3)  
 STAT 401 \_\_\_\_ (3)

**Prescribed Course: 7 credits**

ACCTG 211 \_\_\_\_ (4)  
 MIS 204 \_\_\_\_ (3)

**Additional Courses: 24 credits**

Select 6 credits from:

ECON 481 \_\_ (3), 485 \_\_ (3),  
 FNC 300 \_\_ (3), 400 \_\_ (3),  
 410 \_\_ (3),  
 MGMT 301 \_\_ (3), 331 \_\_ (3),  
 341 \_\_ (3),  
 MKTG 301 \_\_ (3), SCM 310 \_\_ (3)

Select 6 credits from the following:

CMPSC 221 \_\_ (3), 312 \_\_ (3),  
 335 \_\_ (3), 431 \_\_ (3), 458 \_\_ (3),  
 474 \_\_ (3)

Select 6 credits from:

MATH 482 \_\_ (3)  
 MIS 336 \_\_ (3), 430 \_\_ (3),  
 435 \_\_ (3), 440 \_\_ (3),  
 445 \_\_ (3) with MIS 497B \_\_ (1),  
 STAT 461 \_\_ (3), 462 \_\_ (3)

**Quantification**

CMPSC 121 \_\_\_\_ (3) §  
 MATH 140 \_\_\_\_ (4) §

Select 6 credits from:

MATH 403..... \_\_\_\_ (3)  
 MATH 421 \_\_\_\_ (3)  
 MATH 427 \_\_\_\_ (3)  
 MATH 429 \_\_\_\_ (3)  
 MATH 435 \_\_\_\_ (3)  
 MATH 436 \_\_\_\_ (3)  
 MATH 465 \_\_\_\_ (3)  
 MATH 482 \_\_\_\_ (3)  
 STAT 414..... \_\_\_\_ (3)

<p><b>Arts</b></p> <p>_____ ( )</p> <p>_____ ( )</p>	<p><b>Natural Sciences (9 credits)</b></p> <p>Select 8 credits in one of the following sequences:</p> <p>a. BIOL 110 _____ (4)</p> <p>    BIOL 220W _____ (4)</p> <p>b. CHEM 110 _____ (3)</p> <p>    CHEM 111 _____ (1)</p> <p>    CHEM 112 _____ (3)</p> <p>    CHEM 113 _____ (1)</p> <p>c. PHYS 211 _____ (4)</p> <p>    PHYS 212 _____ (4)</p> <p>d. PHYS 250 _____ (4)</p> <p>    PHYS 251 _____ (4)</p> <p>_____ (1)</p>	
<p><b>Humanities</b></p> <p>_____ ( )</p> <p>_____ ( )</p>		<p><b>Supporting Courses and Related Areas: 6 credits</b></p> <p>Select 6 credits from School-approved list.</p> <p>_____ ( )</p> <p>_____ ( )</p>
<p><b>Social and Behavioral Sciences</b></p> <p>ECON 002 ( )</p> <p>ECON 004 ( )</p>		
<p><b>Health Education and Physical Education</b></p> <p>KINES _____ ( )</p> <p>KINES _____ ( )</p> <p>KINES _____ ( )</p>		<p><b>Electives: at least 6 credits</b></p> <p>_____ ( )</p> <p>_____ ( )</p> <p>_____ ( )</p>
<p><b>First Year Seminar</b></p> <p>PSU 007 ____ (1)</p>	<p>*United States Cultures (US), 3 credits _____ ( )</p> <p>*International Cultures (IL), 3 credits _____ ( )</p> <p>*These requirements can be fulfilled by courses from either the Arts, Humanities, or Social and Behavioral Sciences requirement.</p>	<p><b>§ Grade of C or higher</b></p>

A MAXIMUM OF 30 CREDITS MAY BE TAKEN THROUGH THE SCHOOL OF BUSINESS IN FULFILLMENT OF DEGREE REQUIREMENTS.

In order to be eligible for entrance to the Mathematics major, a student must have attained at least a 2.00 cumulative GPA and completed MATH 140 and 141 earning a grade of C or better in both courses. Students graduating from this major must achieve a minimum grade-point average of 2.00; and earn a C grade or better in all 300- and 400-level courses within the Prescribed, Additional, and Supporting courses as specified in Senate Policy 82-44. If a student receives a grade below C, he/she must repeat that course or a School-Approved alternative, and earn a grade of C or better.

**School of Science Approved list  
Mathematics, Business option**

All 300-and 400-level courses in MATH and STAT. No more than three credits of any 495 can be used as supporting courses.

All 300-and 400-level computer courses, CMPSC 102 and CMPSC 109.

All 300-and 400-level courses in ECON.

All 300-and 400-level courses in FNC.

All 200- and above level courses in MIS.

All SCM courses, with the exception of SCM 200.

BA 243.

All MGMT courses.

All MRKTG courses.