

**MATHEMATICS –Graduate Study Option (MTHBD)**  
**(B.S., 120 credits)**

<p><b>Communications</b></p> <p>ENGL 015    ____ (3)  ENGL 202C   ____ (3)  CAS    100    ____ (3)</p>	<p><b>Common Prescribed Courses</b></p> <p>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)</p>	<p><b>Additional Courses: 27 credits</b></p> <p><b>Select 18 credits from:</b>  MATH 310 __ (3), 412 _ (3);  421 __ (3); 427 __ (3);  429__ (3); 435__ (3);  436 __ (3); 441 __ (3);  455__ (3); 456 __ (3);  465__ (3);  STAT 414 __ (3), 461 __ (3);  462 __ (3)</p> <p><b>Select 9 credits from:</b>  MATH 403        ____ (3)  MATH 421        ____ (3)  MATH 429        ____ (3)  MATH 435        ____ (3)</p>
<p><b>Quantification</b></p> <p>CMPSC 121   ____ (3) §  MATH 140    ____ (4) §</p>		
<p><b>Arts</b></p> <p>_____    ____ ( )  _____    ____ ( )</p>	<p><b>Natural Sciences (9 credits)</b>  Select 8 credits in one of the following sequences:</p> <p>a. BIOL 110        ____ (4)        BIOL 220W    ____ (4)  b. CHEM 110        ____ (3)        CHEM 111        ____ (1)        CHEM 112        ____ (3)        CHEM 113        ____ (1)  c. PHYS 211        ____ (4)        PHYS 212        ____ (4)  d. PHYS 250        ____ (4)        PHYS 251        ____ (4)</p> <p>_____    ____ (1)</p>	<p><b>Supporting Courses and Related Areas: 9 credits</b>  Select 9 credits from School-approved list.</p> <p>_____    ____ ( )  _____    ____ ( )  _____    ____ ( )  _____    ____ ( )</p>
<p><b>Humanities</b></p> <p>_____    ____ ( )  _____    ____ ( )</p>		
<p><b>Social and Behavioral Sciences</b></p> <p>_____    ____ ( )  _____    ____ ( )</p>		<p><b>Electives: at least 7 credits</b></p> <p>_____    ____ ( )  _____    ____ ( )</p>

**Health Education and  
Physical Education**

KINES \_\_\_\_\_ ( )  
KINES \_\_\_\_\_ ( )  
KINES \_\_\_\_\_ ( )

**First Year Seminar**

PSU 007 \_\_\_\_ (1)

\*United States Cultures (US), 3 credits

\_\_\_\_\_ ( )

\*International Cultures (IL), 3 credits

\_\_\_\_\_ ( )

\*These requirements can be fulfilled by courses from either the Arts, Humanities, or Social and Behavioral Sciences requirement.

**§ Grade of C or higher**

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  
Graduate Study Option**

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

ACCTG 204, ACCTG 201 or ACCTG 211.

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 ME, E E, and E MCH courses.

All MGMT courses.

MKTG 301, and other MKTG courses.

PHIL 010 and 012.