

MATHEMATICS - Applied Mathematics Option (MTHBD)
(B.S., 120 credits)

<p>Communications</p> <p>ENGL 015 ____ (3) ENGL 202C ____ (3) SPCOM 100 ____ (3)</p>	<p>Prescribed Courses</p> <p>CSE 120 ____ (3) § CMPBD 127 ____ (1) MATH 141 ____ (4) § MATH 220 ____ (2) § MATH 230 ____ (4) § MATH 251 ____ (4) § MTHBD 315W ____ (4) MTHBD 420 ____ (3) STABD 303 ____ (3) STABD 404 ____ (3)</p>	<p>Additional Courses: 27 credits</p> <p>Select 15 credits from the following:</p> <p>MISBD 430__ (3) MTHBD 423__ (3), 424__ (3), 425__ (3), 428__ (3), 446__ (3) STABD 443 __ (3), 444 __ (3) STAT 414 __ (3), 415 __ (3)</p> <p>and other suitable MTHBD or STABD courses</p> <p>Select 6 credits from the following:</p> <p>CMPBD 350__ (3), 360__ (3) 410__ (3), 411__ (3), 440__ (3), 450__ (3), 460__ (3) CSE 260__ (3)</p> <p>Select 6 credits from:</p> <p>MTHBD 422 ____ (3) MTHBD 431 ____ (3) MTHBD 432 ____ (3) MTHBD 434 ____ (3) MTHBD 477 ____ (3)</p>
<p>Quantification</p> <p>CSE 103 ____ (4) § MATH 140 ____ (4) §</p>	<p>Arts</p> <p>_____ ____ () _____ ____ ()</p>	<p>Natural Sciences (9 credits)</p> <p>Select 8 credits in one of the following sequences:</p> <p>a. BIOL 110 ____ (4) BIOL 220W ____ (4)</p> <p>b. CHEM 012 ____ (3) CHEM 013 ____ (3) CHEM 014 ____ (1) CHEM 015 ____ (1)</p> <p>c. PHYS 211 ____ (4) PHYS 212 ____ (4)</p> <p>d. PHYS 215 ____ (4) PHYS 265 ____ (4)</p> <p>_____ ____ (1)</p>
<p>Humanities</p> <p>_____ ____ () _____ ____ ()</p>	<p>Social and Behavioral Sciences</p> <p>_____ ____ () _____ ____ ()</p>	<p>Supporting Courses and Related Areas: 9 credits</p> <p>Select 9 credits from School approved list.</p> <p>_____ ____ () _____ ____ () _____ ____ ()</p>
<p>Health Education and Physical Education</p> <p>BBH or KIN ____ ____ () ESACT ____ ____ () ESACT ____ ____ ()</p>	<p>Electives: at least 5 credits</p> <p>_____ ____ () _____ ____ () _____ ____ ()</p>	<p>First Year Seminar</p> <p>PSU 007 ____ (1)</p>
<p>*Diversity Focused (DF/DV)</p> <p>_____ ____ ()</p> <p><small>*This requirement can be fulfilled by a course from either the Arts, Humanities, or Social and Behavioral Sciences requirement.</small></p>	<p>§ Requires grade of C or higher</p>	

Students graduating from this major must achieve a minimum grade-point average of 2.00 and earn a grade of C 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 Applied Option

All 300-and 400-level courses in BIOL, BIOBD, CHEM, CHMBD, MATH, MTHBD, PHYS, PHYBD, STAT, STABD

All CMPBD courses except CMPBD 100

All CMPSC courses except CMPSC 001, 100, 101, 102, 201, and 203

All CSE courses

ACCTG 211

All ECNS courses

ECON 302, 304, 480, 490

FIN 100, 301, FNC 300 or BA 301, other FNC courses

All MIS, MSIS, and MISBD courses

BA 243

All MANGT courses

MKTG 221, 301; MRKTG 300 or BA 303

All MRKTG courses

All OPMGT course