Plan of Study: B.A. or B.S. in Applied Mathematical Sciences, Catalog Year 2011-2012

This plan, approved and signed, must be filed with the Degree Auditor’s Office no later than the fourth week of classes of the semester in which the student expects to graduate. Changes in the plan may be made only with the consent of your advisor.

Student Information.

Name: __________________________. Peoplesoft ID: ________________________.
Permanent Address: __________________________.
UConn Email: __________________________. Other Email: __________________________.
Phone Number: __________________________. Signature: __________________________. Date: __________________________.
Degree Sought (B.A. or B.S.): __________________________. Anticipated Date of Completion: __________________________.

All courses listed below must be completed for credit, not pass/fail.

Requirement 1. Core: Complete one of the following two sequences of courses.

(i) MATH 2110Q (or 2130Q or 2143Q) and 2210Q and 2410Q (or 2420Q) __________________________. □

(ii) MATH 2141Q and 2142Q and 2143Q and 2144Q __________________________. □

Requirement 2. Core extended: Complete all of the following courses.

(i) MATH 3410 __________________________. □

(ii) MATH 3510 __________________________. □

(iii) MATH 3511 __________________________. □

Requirement 3a (for B.S. Majors only). Complete all of the following courses.

(i) MATH 2710 or both 2141Q and 2142Q __________________________. □

(ii) MATH 3150 or 4110 __________________________. □

Requirement 3b (for B.S. Majors only). Complete two courses from MATH 3146, 3151, 3160, 3170, 3270, 3430, 3435, 3710 and approved sections of 3094 and 3795.

Course number __________. Credits ______. Course number __________. Credits ______.

Requirement 3c (for B.S. Majors only). Complete at least 3 additional credits from MATH 2360Q, 3160, 3210 (or 4210), 3230, 3231, 3240, 3250, 3260, 3330 (or 4310), 4735, and approved sections of 3094 and 3795.

Course number __________. Credits ______. Course number __________. Credits ______.

Course number __________. Credits ______. Course number __________. Credits ______.

Course number __________. Credits ______. Course number __________. Credits ______.

Requirement 3d (for B.A. Majors only). Complete at least 27 credits of 2000 level or above in Mathematics. You may count credits from Requirements 1 and 2. Additional credits must be chosen from MATH 2710, 3146, 3150 (or 4110), 3160, 3170, 3210 (or 4210), 3250, 3270, 3430, 3435, 3710.

Number of eligible credits from Requirements 1 and 2: ______.
Additional Eligible Credits:

Course number __________. Credits ______. Course number __________. Credits ______.

Course number __________. Credits ______. Course number __________. Credits ______.

Course number __________. Credits ______. Course number __________. Credits ______.

Course number __________. Credits ______. Course number __________. Credits ______.

Requirement 4. W course: Complete at least one of MATH 2194W, 2720W, 2794W or 3796W __________________________. □

Requirement 5. Related courses: Complete at least 12 credits of 2000 or above level course work in approved related areas. STAT 3484 and STAT 3494W may not be used.

Course: __________. Credits ______. Course: __________. Credits ______.

Course: __________. Credits ______. Course: __________. Credits ______.

Course: __________. Credits ______. Course: __________. Credits ______.

Approval Signatures.

Mathematics Advisor: __________________________.

Department Head or Associate Department Head: __________________________.
### SECOND LANGUAGE COMPETENCY

A) 3 years high school level or  
B) 2 years high school level plus passing the 2nd year (Intermediate) UConn level or  
C) 1st (Elementary) and 2nd (Intermediate) UConn levels or  
D) Successful completion of language equivalency exam 

### WRITING COMPETENCY: Freshman English + 2 W courses

<table>
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<tr>
<th>Course Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>1011 or both ENGL 9102 &amp; 9103 (transferred)</td>
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### QUANTITATIVE COMPETENCY: 3 Q courses, at least one of which is MATH or STAT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>(Math or Stat)</td>
<td>Q</td>
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</tbody>
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### CONTENT AREA ONE: ARTS & HUMANITIES

**BA:** 5 courses with at least one from each category A-D. 5th course can come from any area A-E  
**BS:** 4 courses with at least one from each category A-D  

| CONTENT AREA TWO: SOCIAL SCIENCES - 2 courses, from 2 different academic units |
|-----------------------------|-----------------------------|
| ANTH 1000/W, 1006; 1500; 2000/W; ANTH/AFAM 3152 ARE 1110; 1150 CDIS 1150; COMM 1000 ECON 1000; 1107; 1108; 1179; 1200; 1201; 1202  
ENV 1000 GEOG 1000; 1100; 1700; 2000 HDFS 1060; 1070 HRTS/POLS 1007 INTD 1500 LAMS 1190/W LING 1020; 1030; 2850; 3610/W POLS 1202/W; 1207; 1402/W; 1602/W; 3208/W; 3237/W; 3615/W; POLS/HRTS 1007 PP 1001 PSYC 1101 or 1103 SOCI 1001/W; 1251/W; 1501/W; 3823 URBN 1300/W WS 1105/1124; 3253/W |

### CONTENT AREA THREE: SCIENCE & TECHNOLOGY

**BA:** one lab course & one non-lab course [from 2 different academic units]  
**BS:** one Biology course; plus one sequence each of Chem & Math & Phys  

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<tr>
<th>LABORATORY COURSES</th>
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| BIOL 1102; 1103; 1107; 1108; 1110  
CHEM 1122; 124Q; 1127Q; 1128Q; 1137Q; 1138Q; 1147Q; 1148Q;  
ENGR 1101 GEOG 1302  
GSCI 1050 (or 1051 lecture & 1052 lab in a later semester)  
MARN 1003  
PHYS 102Q; 1025Q; 1035Q; 1075Q; 1201Q; 1202Q; 1401Q; 1402Q; 1501Q; 1502Q; 1600Q; 1601Q; 1602Q  
NON-LABORATORY COURSES: |
|---------------------|
| AHS/NURS 1030 ANG/SPAN 1645 BMJ/GEOM 1401 CHEM 1101 COGS 2201 ECE 1001 EE 2202 GEOG 2300 GSCI 1051; 1010; 1070 LING 2010Q  
MARN 1001, 1002 MATH 1050Q; MCB 1405 NRE 1000; NURS 1165; PHAR 1000; 1001 PHYS 102Q; 103Q PLSC 1150 PSYC 1101 SOCI 1051 |

### CONTENT AREA FOUR: DIVERSITY & MULTICULTURALISM – 2 courses; at least one must cover an International area of study

<table>
<thead>
<tr>
<th>USA</th>
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| AASI 3216; 3217; 3218; AFAM/FINA 1100; 1110; 1131W; 1134W; 3214W; 3505; 3642 ANTH 2000/W; 3150; 3202W; 3902; 3904/W ANTH/AFAM 3152 CDIS 1150 DRAM 3130; DRAM/AFAM 3131W ENGL 1601/W; 2274/W; 3210; ENGL 3214/W; 3218/W; 3609; 3613 ENGL/AASI 3212; ENGL/AFAM 3214W ENGL/PRLS 3605/3232; HDF 2001; 3261 HEBU/KIDS 1103 HIST 3204/W; 3570 AMST/ENGL 1201/HIST 1150; HIST/AASI 3531; HIST/LAMS/PRLS 1570; 3660/W HIST/PRLS 3674/3320 HIST/WS 1230/1211 MAST 1200 SPAN 1007; 3232* SPAN/PRLS 1099  
WS/COMM/PRLS 1300/W WS 1104; 1105  
WS/COMM/PRLS 3260/3321/3264; WS/SOC 3261/W rev. 2.28.11 |

<table>
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<tr>
<th>INTERNATIONAL</th>
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</table>
| AASI 3216; ANTH 1000/W; 1001W; 1006; 1500; 3401; 3030; 3153W; 3504; ANTH/HRTS 3028; 3153W ARAB 1121; 1122 ART 3375 ARTH 1128; 1141 CHIN 1121 112 CLS 1102/W; 1103; 2201 ECON 2104/W EEB 2202; EEB/GEORGE 3307/3305 ENGL 1301; 2301/W; 3120; 3122; 3318; 3232; 3629 FREN 1169; 1170; 1176; 1177; 1179;  
2318; 3224; 3228; GEOG 1100; LING 1169; 1171; 1175; 3251; 3258; 3261W HIST 1206; 1800; 1805; 3609; 3635; 3705 HIST/LAMS 3609; 3635 ILCS 1149; 1160; 3620/W INTD 1500/LAMS 1190/W LING 1020; 1030; 3610/W NUSC 1167 PHIL 1106 PLSC 1125 POLS 1202/W; 1207; 1402/W; 3472/W PRLS/HRTS 1007 PSYC 3402/W SOC 3823; 2509/W SPAN 1007; 1008; 1010; 1012  
3250 WS 1124; 2105/W; 2255/W 3255/W |

Student must pass courses taken in 6 different subject areas for CA1, CA2 and CA2:

- USA
- INTERNATIONAL
- 120 credits: 45 credits at 2000 level or above:  

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