CATALOG YEAR 2009-2010  B.S. PLAN OF STUDY  Department of Mathematics

MATHEMATICS B.S. degree: In addition to the requirements listed below, 12 credits of 2000 or above level course work in approved related areas are required.

1. Either (i) MATH 2110 (or 2130), 2210, 2410, 2710 (or 2141-2142) or
   (ii) MATH 2141-2142-2143-2144
2. MATH 3150 (or 4110), 3151, 3230 (or 4210)
3. 6 additional credits from the following: MATH 2360, 3146, 3160, 3170, 3210, 3231, 3240, 3250, 3260, 3270, 3330 (or 4310), 3370, 3410, 3430, 3435, 3510, 3511, 3710, 4735 and approved sections of 3094 and 3795;
4. At least 3 additional credits from the following: MATH 3210, 3231, 3240, 3250, 3330 (or 4310) and 3370.

Additionally, either Math 2194W, 2720W, 2794W or 3796W are required to fulfill the Writing in the Major and the Information Literacy competencies requirements.

APPLIED MATHEMATICAL SCIENCES B.S. degree: In addition to the requirements listed below, 12 credits of 2000 or above level course work in approved related areas are required.

1. Either (i) Math 2110 (or 2130), 2210, 2410 (or 2420), 2710 (or 2141-2142) or
   (ii) Math 2141-2142-2143-2144;
2. Math 3410, 3150 (or 4110), 3510 and 3511;
3. Two courses from Math 3146, 3151, 3160, 3170, 3270, 3430, 3435, 3710 and approved sections of 3094 and 3795;
4. At least 3 additional credits from Math 2360, 3160, 3210 (or 4210), 3230, 3231, 3240, 3250, 3260, 3330 (or 4310), 4735 and approved sections of 3094 and 3795.

Additionally, either Math 2194W, 2720W, 2794W or 3796W are required to fulfill the Writing in the Major and the Information Literacy competencies requirements.

MATHEMATICS-ACTUARIAL SCIENCES B.S. degree: 36 credits at the 2000 or above level in Mathematics, Statistics, Business and related areas (in addition to Mathematics 2110 or 2130 or 2143). The required courses are: MATH 2210 (or 2144), 2620, 3160, 3630-3631, 3634, STAT 3375 and 3445, and either Math 2610 or FNCE 3221 or 4325. Students should include ECON 1201 and 1202, and a Computer Science course, and ACCT 2001 and 2101 in their program of study as early as possible. To remain in the Actuarial Science Major, students are expected to maintain a total grade point average of 3.0 or higher. Additionally, either Math 2194W, 2720W, 2794W, 3670W and 3796W are required to fulfill the Writing in the Major and the Information Literacy competencies requirements.

MATHEMATICS-STATISTICS B.S. degree: 36 credits at the 2000 or above level in Mathematics and Statistics (in addition to MATH 2110 or 2130), with at least 12 credits in each department. The required courses for the major are MATH 2210 (or 2310 or 2143-2144), MATH 2410 (or 2144), STAT 3375 and STAT 3445. Additionally, either MATH 2194W, 2720W, 2794W, 3796W or STAT 3494W are required to fulfill the Writing in the Major and the Information Literacy competencies requirements.

Approved: Advisor: ____________________________
Signature (Mathematics Advisor) ____________________________
Signature (Statistics Advisor)

Approved: ____________________________
Signature (Dept. Head or Undergraduate Coordinator)

UConn Email Address: ____________________________

NonUConn Email Address: ____________________________

Permanent Mailing Address: ____________________________

NAME: __________________________________________
PeopleSoft ID ____________________________ Date ___________
Phone No. ____________________________
Major ____________________________ Degree sought ____________________________
Expected date for meeting degree requirements: ___________

MATH 2010, 2110, 2194W, 2720W, 2784, 2794W, 3670W and STAT 3484 and 3494W may not be counted in any of the major or related groups. Courses on pass-fail cannot be listed under major or related groups.

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(s).

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<th>MATH</th>
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<th>RELATED GROUP</th>
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The W in the major: ____________ 07/2009
CLAS General Education Audit Sheet, 2009-2010 for the BA ____ and for the BS ____

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
ENGL 1010 or 1011 or both ENGL 91002 & 91003 (transferred); 2000+ level W in [each] major: ___ 2nd W any level: ___

QUANTITATIVE COMPETENCY: 3 Q courses, at least one of which is MATH or STAT
(Math or Stat) ___ Q ___ Q ___ Q

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 1000W; 1006; 1500; 2000/W; ANTHAFAM 3152 ARE 1110; 1150 CDIS 1150; COMM 1000 ECON 1000; 1007; 1108; 1200; 1201; 1202
GEOG 1000; 1100; 1700; 2100 HDPS 1060; 1070 HRTS/POLS 1007 INTD 1500 LAMS 1190W LING 1020; 1030; 2850; 3610W POLS 1202W; 1207; 1402W; 1602W; 3208W; 3237/W; 3615/W; PP 1001 PSYC 1101; 1103 SOCJ 1001/W; 1251/W; 1501/W; 3233 URBAN 1300W WS 1105; 1124

CONTENT AREA THREE: SCIENCE & TECHNOLOGY
BA: one lab course & one non-lab course
BS: one Biology course; plus one sequence each of Chem & Math & Phys

USA

AASI 3201; 3215; 3221; AFAMEFINA 1100; 3113/W; 3124/W; 3505; 3642 ANTH 2000/W; 3150; 3202/W; 3902; 3904/W; ANTHAFAM 3152; CDIS 1150 DRAM 3130; DRAMAFAM 3131/W ENGL 1601W; 2274W; 3210; ENGL 3214/W; 3218/W 3609; 3613 ENGL/AASI 3121; ENGLAFAM 3214 ENGWRLS 3605/3232; HDPS 2001; 3261 HEBULDS 1103 HIST 3204/W; 3570 AMST/ENGL/121/HIST1503; HIST/AASI 3531; HIST/LAMS 3600W; HIST/RPLS 3674/3220 HIST/WS 1203/1121; 3571 ILCS 1158; 3258W INTO 2245; 3584 LING 1030; 2850 MUSI 1002 NURS 1175W; PHIL 1107 POLS/AFAM 3642; POLS/RPLS 3662/3270 POLS 3210; PSYC 3210; 2101; 2701; PSYC/WS 3102; PSYC/AFAM 3106/W SOCJ 1501/W; SOCJ/AASI 3221 SOCJ/HRTS 3231/3571; SOCJ/AFAM/HRTS 3505; URBAN 1300W WS 1104; 1105 WSOC/COMP/RPLS 3260/3231/3264; WS/SOCJ 3621/W

INTERNATIONAL

AASI 3216; ANTH 1000W; 1001W; 1006; 1500; 3401; 3030; 3153W; 3504; ANTH/HRTS 3028; 3153W ARAB 1121; 1122 ART 3375 ARTH 1120; 1141 CHIN 1121 1122 CLCS 1110; 1102; 1103; 1105W; 1106; 1107; 1165W 1175; 3220 PHILHRTS 2170W POLS 1002 INTO 3260 SPAN 1008

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

7.27.09