

Plan of Study: B.A. or B.S. in Applied Mathematical Sciences, Catalog Year 2018-2019

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. Check one completed

- (i) MATH 2110Q (or 2130Q) 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. Check completed/anticipated

- (i) MATH 3410 or 3435 □
(ii) MATH 3510 □
(iii) MATH 3511 □
(iv) For B.S. Majors only: MATH 2710 or both 2141Q and 2142Q □
(v) For B.S. Majors only: MATH 3150 or 4110 □

Requirement 3a (for B.S. Majors only). Complete two additional courses from MATH 3146, 3151, 3160 (or 3165), 3170, 3410, 3435, 3710 and approved sections of 3094 and 3795.

Course number _____ Credits _____ Course number _____ Credits _____

Requirement 3b (for B.S. Majors only). Complete at least 3 additional credits from MATH 2360Q, 3160 (or 3165), 3210 (or 4210), 3230, 3231, 3240, 3250, 3260, 3330 (or 4310) and approved sections of 3094 and 3795.

Course number _____ Credits _____ Course number _____ Credits _____

Requirement 3c (for B.A. Majors only). Complete at least 27 credits of 2000 level or above in Mathematics. Credits from Requirements 1 and 2 count toward the 27 credits. Additional credits must be chosen from MATH 2710, 3146, 3150 (or 4110), 3160 (or 3165), 3170, 3210 (or 4210), 3250, 3410, 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 _____

Requirement 4. W course: Complete at least one of MATH 2710W, 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 Undergraduate Program Director

SECOND LANGUAGE COMPETENCY: Complete one of the following:

- 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: First-Year English + 2 W courses

ENGL 1010 or 1011 or 2011 or 6 or more credits of ENGL 91002 &/or 91003 (transferred); 20000+ level W in [each] major: _____ 2nd W any level: _____

CONTENT AREA ONE: ARTS & HUMANITIES

(courses must be selected from at least 4 different academic units)

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

A: ARTS:

AASI/ART/INDS 3375
 AFRA/DRAM 3132 AFRA/FINA 1100
 AMST/MUSI 1002 AMST/URBN 2400
 ART 1000 ARTH 1128; 1137; 1138;
 1140; 1141; 1162 CHIN 3250W*; 3270
 CLCS 1002; 1110; 3211
 DRAM 1101; 1110; 1501; 1811; 2134
 DRAM/HEJS/HRTS 2203
 FINA/MUSI 1001/1006 FREN 1171
 GERM 1171; 3261W*; 3264W
 ILCS 1149; 3258W; 3260W
 MUSI 1001; 1003; 1004; 1005; 1021;
 1022; 1112 SPAN 1010; 1020; 1030;
 3250 WGSS 1104

B: LITERATURE:

CAMS 1101; 1102; 1103 CLCS 1101; 1102
 ENGL 1101W; 1103W; 1503; 1616W;
 2100; 2101; 2201W; 2203W; 2401; 2405;
 2407; 2408W; 2409; 2411W; 2413W;
 2605W; 2607; 3320; 3629; 3633W
 ENGL/AMST 2274W; 2276W
 ENGL/HEJS 3220W/3401W
 FREN 1176; 3234*; 3261W*; 3262W*;
 3270W
 GERM 1140W; 3252W*; 3254W*; 3255W*
 HEJS 1103; 3201; 3301
 ILCS 1101; 1158; 3255W
 MAST 1200 SPAN 1007; 3232*; 3267W
 SPAN/LLAS 1009W

C: HISTORY:

AASI/HIST 3531 AFRA/HIST 3206
 AFRA/HIST/LLAS 3619W
 AMST 1700 AMST/ENGL/HIST 2207
 DMD 2010 ECON 2101W; 2102W
 GEOG/URBN 1200
 HIST 1100W; 1201; 1206; 1250;
 1300; 1400; 1501W; 1502W; 1800;
 1805; 2020; 2401W; 2402W; 3705
 HIST/LLAS 1570; 1600/1190W;
 3607; 3609; 3635; 3660W; 3674/3220
 HIST/MAST 2210
 HIST/SCI 2206 HIST/URBN 3650
 HIST/WGSS 1203/1121
 MAST 1200

D: PHILOSOPHY & ETHICAL ANALYSIS:

GERM 1175
 HEJS 2104
 HRTS 3200W; 3250W
 HRTS/PHIL 2170W;
 3220W
 LAND 2210
 LING 1010
 NRE 1235
 PHIL 1101; 1102; 1103;
 1104; 1105; 1106;
 1107; 1165W; 1175;
 2410
 POLS 1002

E: WORLD CULTURES:

AASI/AMST 3201
 ANTH 1001W; 3401; 3450W
 ARAB 1121; 1122
 CHIN 1121; 1122
 CLCS 1103W; 2201
 CLCS/HEJS 2301
 FREN 1169; 1177; 3210*;
 3211*; 3218*; 3224*; 3235*;
 3267*; 3268W*
 GERM 1169; 2400; 3251;
 3258
 ILCS 1160; 1170
 INTD 3260 NURS 2175
 SPAN 1008

CONTENT AREA TWO: SOCIAL SCIENCES - 2 courses from 2 different academic units

ANTH 1000W; 1006; 1010; 1500; 2000W; 2400 ANTH/AFRA 3152 ARE 1110; 1150; 2235 COMM 1000 ECON 1000; 1107; 1108; 1179; 1200; 1201; 1202 EDCI 2100
 ENVE 1000 EPSY 1450W; 2810 EVST 1000 GEOG 1000; 1700; 2000; 2100; 2320; 2400 HDFS 1060; 1070; 3311W; 3540W HRTS 1007 LING 1020; 1030; 2850; 3610W
 LLAS 1000 LLAS/SOCI 3252W MAST 1300 POLS 1202; 1207; 1402W; 1602W; 3208W; 3211W; 3237W; 3615W PP 1001 PSYC 1101/1103 PUBH 1001 SLHS 1150
 SOCI 1001W; 1251W; 1501W; 1701; 3823 URBN 1300W WGSS 1105; 2124; 3253W

CONTENT AREA THREE: SCIENCE & TECHNOLOGY

Bachelor of Arts (BA): 2 courses from 2 different academic units, at least one of which must be a lab course

LABORATORY COURSES:

BIOL 1102; 1103; 1107; 1108; 1110
 CHEM 1122; 1124Q; 1127Q; 1128Q; 1147Q; 1148Q GEOG 1302
 GSCI 1050 (or GSCI 1052 with one of: GSCI 1010/1051/1055/1070)
 MARN 1003 MCB 2612
 PHYS 1010Q; 1025Q; 1035Q; 1075Q; 1201Q; 1202Q; 1401Q; 1402Q;
 1501Q; 1502Q; 1600Q; 1601Q; 1602Q

NON-LABORATORY COURSES:

AH/NUSC 1030 ANSC/NUSC 1645 BME/CSE/MCB/PNB 1401
 CHEG 1200 COGS 2201 DMD 2010 EEB 2202
 GEOG 2300; 2410 GEOG/GSCI 1070 GSCI 1010; 1051; 1055
 LING 2010Q MARN/MAST 1001 MARN 1002 MCB 1405
 NRE 1000 NUSC 1165 PHAR 1000; 1001; 1005
 PHYS 1020Q; 1030Q PSYC 1100 SPSS 1150; 2120

Bachelor of Science (BS) - Standard

1 Biology course and 1 sequence each of Chemistry, Math and Physics

BIOLOGY 1107 or 1108 or 1110
CHEMISTRY 1124Q & 1125Q & 1126Q
 or 1127Q & 1128Q
 or 1147Q & 1148Q
MATH 1131Q & 1132Q
 or 1151Q & 1152Q
 or 2141Q & 2142Q
PHYSICS 1201Q & 1202Q
 or 1401Q & 1402Q
 or 1501Q & 1502Q
 or 1601Q & 1602Q

Bachelor of Science (BS) - Economics

1 sequence of Biology, Chemistry, or Physics; plus one other Content Area 3 course

BIOLOGY 1107 & 1108 or 1110
CHEMISTRY 1124Q & 1125Q & 1126Q
 or 1127Q & 1128Q
 or 1147Q & 1148Q
PHYSICS 1201Q & 1202Q
 1401Q & 1402Q
 1501Q & 1502Q
 1601Q & 1602Q

CONTENT AREA FOUR: DIVERSITY & MULTICULTURALISM - 2 courses, at least one of which must be on the list of International courses

USA:

AASI/AMST 3201 AASI/ENGL 3212 AASI/HIST 3531 AASI/SOCI 3221 AFRA/ANTH 3152
 AFRA/ARTH 3050W AFRA/DRAM 3131; 3132 AFRA/ENGL 2214W; 3213W; 3215W; 3217W
 AFRA/FINA 1100 AFRA/HRTS/SOCI 3505 AFRA/POLS 3642 AFRA/PSYC 3106
 AMST/ENGL/HIST 1201/1201/1503; 2207 AMST/MUSI 1002
 ANTH 2000W; 3150W; 3202W; 3902; 3904 ARTH 3640W; 3645W CLCS/HEJS 2301
 COMM/LLAS/WGSS 3321/3264/3260 DRAM 3130; 3133 EDCI 2100 EDLR 2001
 ENGL 1601W; 3210; 3218W ENGL/AMST 2274W ENGL/LLAS 3605/3232
 ENGL/HEJS 3220W/3401W ENGL/WGSS 3609; 3611; 3613 HDFS 2001; 3261
 HEJS 1103; 3301 HIST 3204W; 3570 HIST/LLAS 1570; 3660W; 3674/3220
 HIST/WGSS 1203/1121 ILCS 1158; 3258W INTD 2245; 3584 LING 1030; 2850
 LLAS 1000; 2011W; 3210 LLAS/SOCI 3252W MUSI 1003 NURS 1175W PHIL 1107
 POLS/LLAS 3662/3270 PSYC 2101; 2701 PSYC/WGSS 3102 SLHS 1150
 SOCI 1251W; 1501W; 2501W; 2503W; 2651W; 3601W SOCI/WGSS 3621W
 SPAN/LLAS 1009W URBN 1300W WGSS 1104; 1105; 3718W

INTERNATIONAL:

AFRA/HIST 3206 AFRA/HIST/LLAS 3619W AH 2330
 ANTH 1000W; 1001W; 1006; 1010; 1500; 2400; 3030; 3401
 ANTH/HRTS 3028W; 3153W ARAB 1121; 1122 ART/AASI/INDS 3375
 ARTH 1128; 1141; 3630W CHIN 1121; 1122; 3230; 3250W*; 3270
 CLCS 1101; 1102; 1103W; 2201; 3211 DRAM 1501 DRAM/HEJS/HRTS 2203
 EEB 2202 ENGL 1301; 2301W; 3120; 3122; 3318; 3319; 3320; 3629
 FREN 1169; 1171; 1176; 1177; 3211*; 3218*; 3224* GEOG 1700; 2000; 2400
 GERM 1169; 1171; 1175; 3251; 3258; 3261W* HEJS 2104
 HIST 1206; 1800; 1805; 2020; 3705 HIST/LLAS 1600/1190W; 3607; 3609; 3635
 HRTS 1007; 3200W ILCS 1149; 1160; 3260W LING 1020; 3610W
 MAST 1300; 2100W MUSI 1004; 3421W NRE 2600; 3305 NURS 2175
 NUSC 1167 PHIL 1106 POLS 1202; 1207; 1402W; 3472W
 SOCI 1701; 2509W; 3823 SPAN 1007; 1008; 1010; 1020; 1030; 3250
 SPSS 1125 WGSS 2105W; 2124; 2255W; 3255W

NOTES: 1) Bold numbers indicate the courses may "double-dip"; (two courses in CA 1, 2, or 3 can also be used to fulfill a CA 4 requirement). Please note that CA 1 is the only CA where two courses may be used to fulfill CA 4. 2) If a course is offered as both W and non-W, either will fulfill the General Requirements. Such courses are shown with a slash (/) before the W. 3) * = foreign language pre-requisite. 4) Courses in CA 1, 2, & 3 must be taken in at least 6 different academic units. 5) Students must complete ALL content areas and competencies to fulfill the CLAS general education requirement.