

Plan of Study: B.A. or B.S. in Applied Mathematical Sciences, Catalog Year 2019-2020

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

- 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 & 91003 (transferred); 2000+ level W in [each] major: _____ 2nd W any level: _____

QUANTITATIVE COMPETENCY: 3 Q courses, one must be MATH or STAT

ENVIRONMENTAL LITERACY COMPETENCY: 1 E Course (2019-2020 or later catalog year)

Q _____ Q _____ Q _____ E _____

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

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

BS: 4 courses with at least one from each category A-D.

<p>A: ARTS ART/AASI/INDS 3375 AFRA/DRAM 3132 AFRA/FINA 1100 AMST/MUSI 1002 AMST/URBN 2400 ARAB 3771 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; 2217W</p>	<p>B: LITERATURE ARAB 3550W 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 2200; 2274W; 2276W ENGL/HEJS 3220W/3401W FREN 1176; 3234*; 3261W*; 3262W*; 3270W GERM 1140W; 3252W*; 3254W*; 3255W* HEJS 1103; 3201; 3301 ILCS 1101; 1180; 1158; 3255W SPAN 1007; 3232*; 3267W SPAN/LLAS 1009W</p>	<p>C: HISTORY AASI/HIST 3531 AFRA/HIST 3206 AFRA/HIST/LLAS 3619W AMST 1700 AMST/ENGL/HIST 2207 ARAB 3751 DMD 2010 ECON 2101W; 2102W GEOG/URBN 1200 HIST 1100W; 1201; 1206; 1250; 1300; 1400; 1501W; 1502W; 1800; 1805; 2020; 2401W; 2402W; 2412W; 3705 HIST/HEJS 3362 HIST/LLAS 1570; 1600/1190W; 3607; 3609; 3635; 3660W; 3674/3220 HIST/MAST 2210E HIST/SCI 2206 HIST/URBN 3650 HIST/WGSS 1203/1121 MAST 1200</p>	<p>D: PHILOSOPHY & ETHICAL ANALYSIS ECON 2120 GERM 1175 HEJS 2104 HRTS 3200W; 3250W HRTS/PHIL 2170W; 3220W LAND 2210 LING 1010 NRE 1235E PHIL 1101; 1102; 1103; 1104; 1105; 1106; 1107; 1165W; 1175; 2410 POLS 1002</p>	<p>E: WORLD CULTURES AASI/AMST 2201 ANTH 1001W; 3401; 3450W ARAB 1751; 1771; 2751 ARIS 1211 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</p>
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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; 2450W; 2810 EVST 1000 GEOG 1000; 1700; 2000; 2100; 2320; 2400 HDFS 1060; 1070; 3141; 3311W; 3540W HRTS 1007 LING 1020; 1030; 2850; 3610W LLAS 1000 LLAS/SOCI 3525W MAST 1300 POLS 1202; 1207; 1402W; 1602W; 3023W; 3208W; 3211W; 3237W; 3250W; 3615W PP 1001 PSYC 1101 or 1103 PUBH 1001 SLHS 1150 SOCI 1001W; 1251W; 1501W; 1701; 2310; 3823 SPSS 1060 URBN 1300W WGSS 1105; 2124; 3253W

CONTENT AREA THREE: SCIENCE & TECHNOLOGY

BS: 1 BIOL course and 1 sequence each of CHEM, MATH, & PHYS

BA: 2 courses from 2 different units, 1 must be lab

BS-ECON: Select 1 sequence from BIOL, CHEM, or PHYS; plus 1 other content area 3 course

<p>BA LABORATORY COURSES: BIOL 1102; 1103; 1107; 1108; 1110 CHEM 1122; 1124Q; 1127Q; 1128Q; 1147Q; 1148Q GEOG 1302 GSCI 1050 (or 1010 or 1051 or 1055 or 1070 & 1052) MARN 1003; 1004 AND 1002 MCB 1200; 1201; 2612 PHYS 1010Q; 1025Q; 1035Q; 1075Q; 1201Q; 1202Q; 1401Q; 1402Q; 1501Q; 1502Q; 1600Q; 1601Q; 1602Q</p> <p>NON-LABORATORY COURSES AH/NUSC 1030 ANSC/NUSC 1645 BME/CSE/MCB/PNB 1401 CHEG 1200 COGS 2201 DMD 2010 FEB 2100E; 2202; 2208E; 2222; GEOG 2300; 2410 GEOG/GSCI 1070 GSCI 1010; 1051; 1055 LING 2010Q MARN/MAST 1001 MARN 1002 MCB 1405 NRE 1000E NUSC 1165 PHAR 1000; 1001; 1005 PHYS 1020Q; 1030Q PSYC 1100 SPSS 1060; 1150; 2120</p>	<p>BS BIOL 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</p>	<p>BS — ECON Select 1 Sequence BIOL 1107 & 1108 or 1110 or CHEMISTRY 1124Q & 1125Q & 1126Q or 1127Q & 1128Q or 1147Q & 1148Q or PHYSICS 1201Q & 1202Q or 1401Q & 1402Q or 1501Q & 1502Q or 1601Q & 1602 Q Plus one additional content area 3 laboratory or non-laboratory course from a different subject area</p>
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CONTENT AREA FOUR: DIVERSITY & MULTICULTURALISM - 2 courses, at least one of which must be on the list of International courses

<p>USA AASI/AMST 2201 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/SOCI/HRTS 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/WGSS 3609; 3611; 3613 EPSY 2100 HDFS 2001; 3141; 3261 HEJS 1103; 3301 HEJS/ENGL 3401W/3220W; HIST 3204W; 3570 HIST/LLAS 1570; 3660W; 3674/3220 HIST/WGSS 1203/1121 ILCS 1158; 3258W INTD 2245; 3584 LLAS 1000; 2011W; 3210 LLAS/SOCI 3525W LING 1030; 2850 MUSI 1003 NURS 1175W PHIL 1107 POLS/LLAS 3662/3270 PSYC 2101; 2701 PSYC/WGSS 3102 SLHS 1150 SOCI 1251W; 1501W; 2310; 2501W; 2503W; 2651W; 3601W SOCI/WGSS 3621W SPAN/LLAS 1009W URBN 1300W WGSS 1104; 1105; 2217W; 3718W</p>	<p>INTERNATIONAL AFRA/HIST 3206 AFRA/HIST/LLAS 3619W AH 2330 ANTH 1000W; 1001W; 1006; 1010; 1500; 2400; 3030; 3401 ANTH/HRTS 3028W; 3153W ARAB 1751 1771; 2751; 3751; 3771 ARIS 1211 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; 3122W; 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/HEJS 3362 HIST/LLAS 1600/1190W; 3607; 3609; 3635 HRTS 1007; 3200W ILCS 1149; 1160; 1180; 3260W LING 1020; 3610W MAST 1300; 2100W MUSI 1004; 3421W NRE 2600E; 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</p>
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NOTES: 1) Bold numbers indicate the courses may "double-clip"; that is 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. 3) * = foreign language pre-requisite/taught in foreign language. 4) Courses in CA 1, 2, & 3 must be taken in at least 6 different academic units. 5) Additional courses approved for general education after catalog deadline date can be used to meet requirements. See clasadvising.uconn.edu 6) Students must complete ALL content areas and competencies to fulfill the CLAS general education requirement.