

Plan of Study: B.S. in Mathematics–Physics, Catalog Year 2015-2016

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 advisors.

Student Information.

Name: _____ Peoplesoft ID: _____

Permanent Address: _____

UConn Email: _____ Other Email: _____

Phone Number: _____ Signature: _____ Date: _____

Degree Sought : B.S. Anticipated Date of Completion: _____

All courses listed below must be completed for credit and regularly graded, not pass/fail. Check the box next to your chosen track.

TRACK A (Physics Emphasis) □

Requirement 1. Complete one of the following two sequences of courses. Check one completed

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

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

Requirement 2. Complete all of the following courses. Check completed/anticipated

(i) MATH 3146 and 3410 and 3510 □

(ii) PHYS 2300 and 2501W and 3101 and 3201 and 3202 and 3300 and 3401 □

Requirement 3. Complete at least 9 additional credits from the following Physics courses: PHYS 2200, 2400, 2502, 3102, 3103, 3104, 3150, 3989, 4093, 4095, 4096, 4098, 4099, 3402, 4100, 4130, 4140, 4150, 4210, 4300, 4350, 4900.

Course: _____ Credits _____ Course: _____ Credits _____

Course: _____ Credits _____ Course: _____ Credits _____

TRACK B (Mathematics Emphasis) □

Requirement 1. Complete one of the following two sequences of courses. Check completed

(i) MATH 2110Q (or 2130Q or 2143Q) and 2210Q and 2410Q (or 2420Q) and 2710 (or 2141Q and 2142Q) and 3146 □

(ii) MATH 2141Q and 2142Q and 2143Q and 2144Q and 3146 □

Requirement 2. Complete all of the following courses. Check completed/anticipated

PHYS 2300 and 2501W and 3101 and 3201 and 3202 and 3401 □

Requirement 3. Complete at least 3 additional credits from among: PHYS 2200, 2400, 2502, 3102, 3103, 3104, 3150, 3300, 3989, 4093, 4095, 4096, 4098, 4099, 3402, 4100, 4130, 4140, 4150, 4210, 4300, 4350, 4900.

Course: _____ Credits _____ Course: _____ Credits _____

Requirement 4. Complete at least 4 additional courses from MATH 3150 (or 4110), 3151, 3160, 3210, 3230 (or 4210), 3330 (or 4310), 3370 and 3410.

Course: _____ Credits _____ Course: _____ Credits _____

Course: _____ Credits _____ Course: _____ Credits _____

W course in the major requirement: Complete PHYS 2501W □

Approval Signatures.

Mathematics Advisor: _____

Physics Advisor: _____

Department Head or Associate Department Head: _____

CLAS General Education Audit Sheet 2015 - 2016 (Find the official list in the University Catalog at catalog.uconn.edu/directory-of-courses)

SECOND LANGUAGE COMPETENCY

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

WRITING COMPETENCY: First-Year English + 2W courses

ENGL 1010 or 1011 or 2011 or 4 or more credits of ENGL 91002 &/or 91003 (transferred); 2000+ level W in [each] major: _____ 2ndW 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**

Courses must be selected from at least 4 different academic units

A: ARTS	B: LITERATURE	C: HISTORY	D: PHILOSOPHY & ETHICAL ANALYSIS	E: WORLD CULTURES
AFRA/FINA (AFAM) 1100 AFRA/DRAM 3132 ART 1000 ARTH 1128 ; 1137; 1138; 1141 ; 1162 CHIN 3250W CLCS 1002; 1110; 3211 DRAM 1101; 1110 FREN 1171 GERM 1171 ; 3261W ; 3264W I LCS 1149 ; 3258W ; 3260W MUSI 1001; 1002 ; 1003 ; 1004 ; 1005; 1021; 1022; 1112 SPAN 1010 ; 3250 WGSS 1104	CAMS 1101; 1102; 1103 CLCS 1101 ; 1102 ENGL 1101/W; 1103/W; 1503; 1616/W; 1640W; 2100; 2101; 2274W ; 2401; 2405; 2407; 2408/W; 2409; 2411/W; 3320 ; 3629 ; 3633/W FREN 1176 ; 3230; 3234*; 3261W*; 3262W*; 3270W GERM 1140W; 3252W; 3253W; 3254W; 3255/W HEJS (HEB/JUDS) 1103 ; 3301 HEJS/ENGL 3401/W/3220/W HIST/MAST 2210 I LCS 1101; 1158 ; 3255W MAST 1200 SPAN 1007 ; 3232* SPAN/LLAS (PRLS) 1009/W	AASI/HIST 3531 AMST 1700 ECON 2101/W; 2102/W GEOG/URBN 1200 HIST 1100/W; 1201; 1206 ; 1300; 1400; 1501/W 1502/W; 1800 ; 1805 ; 2401/W; 2402/W; 3705 HIST/SCI 2206 HIST/LLAS (LAMS) 1570 ; 1600/1190/W ; 3609 ; 3635 ; 3660W ; 3674/3220 HIST/WGSS 1203/1121 MAST 1200	GERM 1175 HRTS/PHIL 2170W LING 1010 PHIL 1101; 1102; 1103; 1104; 1105/W; 1106 ; 1107 ; 1165W 1175; 3220 POLS 1002	AASI 3201 ANTH 1001W ; 3401 ; 3450W ARAB 1121 ; 1122 CHIN 1121 ; 1122 CLCS 1103W ; 2201 FREN 1169 ; 1176 ; 1177 ; 3210* 3211* ; 3218 ; 3224 ; 3235; 3267/W*; 3268/W* GERM 1169 ; 2400; 3251 ; 3258 I LCS 1160 ; 1170 INTD 3260 NURS 2175 SPAN 1008 ; 1010

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

ANTH **1000W**; **1006**; **1010**; **1500**; **2000W** ANTH/AFRA **3152** ARE 1110; 1150 COMM 1000 ECON 1000; 1107; 1108; 1179; 1200; 1201; 1202 ENVE 1000 EPSY 2810 GEOG 1000; **1100**; **1700**; 2100 HDFS 1060; 1070 HRTS (POLS) **1007** INTD 1500 LING **1020**; **1030**; **2850**; **3610W** POLS **1202W**; **1207**; **1402W**; 1602W; 3208W; 3237W; 3615W PP 1001 PSYC 1101 or 1103 PUBH 1001 SLHS (CDIS) **1150** SOCI 1001/W; 1251/W; **1501W**; **3823** URBN **1300W** WGSS **1105**; **1124**; 3253/W

**CONTENT AREA THREE: SCIENCE & TECHNOLOGY: BA: 2 courses from 2 different academic units at least one of which must be a lab course
 BS: 1 Biology course and 1 sequence each of CHEM & MATH & PHYS**

BA
LABORATORY COURSES:
 BIOL 1102; 1103; 1107; 1108; 1110
 CHEM 1122; 1124Q; 1127Q; 1128Q; 1137Q; 1138Q; 1147Q; 1148Q
 GEOG 1302
 GSCI 1050 (or 1051 lecture & 1052 lab in a later semester)
 MARN 1003
 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
 CHEM 1101 COGS 2201 DMD 2010 EEB **2202** ENGR 1101 GEOG 2300 GEOG/
 GSCI 1070 GSCI 1010; 1051 LING 2010Q MARN 1001; 1002 MATH 1050Q MCB
 1405 NRE 1000 NUSC 1165 PHAR 1000; 1001; 1005 PHYS 1020Q; 1030Q PLSC
 1150 PSYC 1100 SCI 1051

BS
BIOLOGY 1107 or 1108 or 1110
CHEMISTRY 1124Q & 1125Q & 1126Q
 or 1127Q & 1128Q
 or 1137Q & 1138Q
 or 1147Q & 1148Q
MATH 1131Q & 1132Q
 or 1151Q & 1152Q
 or 2141Q & 2142Q
PHYSICS 1201Q & 1202Q
 or 1401Q & 1402Q
 or 1501Q & 1502Q
 or 1601Q & 1602Q

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

USA
 AASI **3201** AASI/ENGL 3212 AASI/HIST **3531** AASI/HRTS/SOCI 3221/3571/3221
 AFRA/DRAM (AFAM) 3131/W; **3132** AFRA/FINA (AFAM) **1100** AFRA/PSYC 3106/
 W ANTH **2000W**; 3150/W; 3202W; 3902; 3904/W ANTH/AFRA (AFAM) **3152**
 AMST/ENGL/HIST 1201/1201/1503 ARTH 3050/W COMM/LLAS/WGSS
 3321/3264/3260 DRAM 3130; 3133 ENGL 1601W; **2274W**; 3210; 3218/W; 3609;
 3613 ENGL/AFRA 3214W ENGL/LLAS 3605/3232 HDFS 2001; 3261 HEJS
 (HEB/JUDS) **1103**; **3301**; HEJS/ENGL **3401/W/3220/W** HIST 3204/W; 3570
 HIST/LLAS (LAMS) **1570**; **3660W**; **3674/3220** HIST/WGSS **1203/1121** I LCS **1158**;
3258W INTD 2245; 3584 LLAS 3210 LING **1030**; **2850** MUSI **1002**; **1003** NURS
 1175W PHIL **1107** POLS/AFRA (AFAM) 3642 POLS/ LLAS 3662/3270 PSYC
 2101; 2701 PSYC/WGSS 3102/W SLHS (CDIS) **1150** SOCI **1501W**; 2501/W
 SOCI/AFRA/HRTS (AFAM) 3505 SPAN/LLAS (PRLS) **1009W** URBN **1300W**
 WGSS **1104**; **1105** WGSS/SOCI 3621/W

INTERNATIONAL
 AH 2330 ANTH **1000W**; **1001W**; **1006**; **1010**; **1500**; 3030; **3401**; 3504
 ANTH/HRTS 3028; 3153W ARAB **1121**; **1122** ART/AASI/INDS 3375
 ARTH **1128**; **1141** CHIN **1121**; **1122**; **3250W** CLCS **1101**; **1102**; **1103W**;
2201; **3211** ECON 2104/W EEB **2202** EEB/NRE 3307/3305 ENGL 1301;
 2301/W; 3120; 3122; 3318; **3320**; **3629** FREN **1169**; **1171**; **1176**; **1177**;
3211; **3218**; **3224** GEOG **1100**; **1700** GERM **1169**; **1171**; **1175**; **3251**;
3258; **3261W** HIST **1206**; **1800**; **1805**; **3705** HIST/LLAS (LAMS)
1600/1190W; **3609**; **3635** HRTS (POLS) **1007** I LCS **1149**; **1160**; **3260W**
 INTD 1660W; LING **1020**; **3610W** MUSI **1004**; 3421W NRE 2600 NURS
2175 NUSC 1167 PHIL **1106** PLSC 1125 POLS **1202W**; **1207**; **1402W**;
 3472/W PSYC 3402W SOCI 1701; 2509/W; **3823** SPAN **1007**; **1008**;
1010; **1020**; **3250** WGSS **1124**; 2105/W; 2255/W; 3255W

NOTES: **1**) Bold numbers indicate the courses may “double-dip”; 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. 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.