

Plan of Study: B.S. in Mathematics–Physics, Catalog Year 2016-2017

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, 3150, 3402, 3989, 4093, 4095, 4096W, 4098, 4099, 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, 3150, 3300, 3989, 4093, 4095, 4096W, 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 2016 - 2017

(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 + 2 W courses

ENGL 1010 or 1011 or 2011 or 4 or more credits of ENGL 91002 &/or 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 B A : 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

AFRA/FINA (AFAM) 1100
AFRA/DRAM 3132 ART 1000
ARTH 1128; 1137; 1138;
1141; 1162 CHIN 3250W*;
3270* CLCS 1002; 1110; 3211
DRAM 1101; 1110 FREN 1171
GERM 1171; 3261W; 3264W;
3264W ILCS 1149; 3258W;
3260W MUSI 1001; 1002; 1003;
1004; 1005; 1021; 1022; 1112
SPAN 1010; 3250 WGSS 1104

B: LITERATURE

CAMS 1101; 1102; 1103
CLCS 1101; 1102 ENGL 1101/W;
1103/W; 1503; 1616/W; 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; 3254W;
3255/W HEJS 1103; 3279; 3301
HEJS/ENGL 3401/W/3220/W
HIST/MAST 2210 ILCS 1101; 1158;
3255W MAST 1200 SPAN 1007;
3232* SPAN/LLAS (PRLS) 1009/W

C: HISTORY

AASI/HIST 3531 AFRA/HIST
3206; AFRA/HIST/LLAS 3619
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
1570; 1600/1190/W; 3607; 3609;
3635; 3660W; 3674/3220
HIST/URBN 3650 HIST/WGSS
1203/1121 MAST 1200

D: PHILOSOPHY & ETHICAL ANALYSIS

GERM 1175 HRTS
3200/W; 3220/W;
3250/W HRTS/PHIL
2170W; 3220 LING 1010
PHIL 1101; 1102; 1103;
1104; 1105/W; 1106;
1107; 1175; 2410; POLS
1002

E: WORLD CULTURES

AASI 3201
ANTH 1001W; 3401;
3450W
ARAB 1121; 1122
CHIN 1121; 1122
CLCS 1103W; 2201
FREN 1169; 1176; 1177;
3235; 3267*; 3268/W*
GERM 1169; 2400; 3251;
3258 ILCS 1160; 1170
INTD 3260 NURS 2175
SPAN 1008; 1010

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

ANTH 1000/W; 1006; 1010; 1500; 2000/W; 2400 ANTH/AFRA 3152 ARE 1110; 1150 COMM 1000 ECON 1000; 1107; 1108; 1179; 1200; 1201; 1202 EDCI
2100 ENVE 1000 EVST 1000 EPSY 2810 GEOG 1000; 1700; 2000; 2100; 2320; 2400 HDFS 1060; 1070; 3311/W; 3540/W HRTS (POLS) 1007 LLAS 1000
LING 1020; 1030; 2850; 3610W POLS 1202/W; 1207; 1402/W; 1602/W; 3208/W; 3237/W; 3615/W PP 1001 PSYC 1101 or 1103 PUBH 1001 SLHS 1150 SOCI
1001/W; 1251/W; 1501/W; 3823 URBN 1300/W WGSS 1105; 2124; 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
COGS 2201 DMD 2010 EEB 2202 GEOG 2300; 2410 GEOG/GSCI 1070
GSCI 1010; 1051; 1055 LING 2010Q MARN 1001; 1002 MATH 1050Q MCB
1405 NRE 1000 NUSC 1165 PHAR 1000; 1001; 1005 PHYS 1020Q; 1030Q
PLSC 1150 PSYC 1100 SOIL 2120

BS

BIOLOGY 1107 or 1108 or 1110
CHEMISTRY 1124Q & 1125Q & 1126Q
or 1127Q & 1128Q
or 1137Q & 1138Q
or 1147Q & 1148Q
MATH 1125Q & 1126Q & 1132Q
or 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 3132 AFRA/FINA (AFAM) 1100 AFRA/PSYC 3106 ANTH
2000/W; 3150/W; 3202/W; 3902; 3904 ANTH/AFRA (AFAM) 3152
AMST/ENGL/ HIST 1201/1201/1503 ARTH 3050/W; 3630/W; 3640W; 3645W
COMM/LLAS/WGSS 3321/3264/3260 DRAM 3130; 3131/W; 3133 EDCI 2100
ENGL 1601W; 2274W; 3210; 3218/W; 3609; 3613 ENGL/AFRA 3214W
ENGL/LLAS 3605/3232 ENGL/WGSS 3609; 3611; 3613 HDFS 2001; 3261
HEJS (HEB/JUDS) 1103; 3301; HEJS/ENGL 3401/W/3220/W; HIST 3204W;
3570 HIST/LLAS (LAMS) 1570; 3660W; 3674/3220 HIST/WGSS 1203/1121
ILCS 1158; 3258W INTD 2245; 3584 LLAS 1000; 3210 LLAS/POLS/3270/3662
LING 1030; 2850 MUSI 1002; 1003 NURS 1175W PHIL 1107 POLS/AFRA
(AFAM) 3642 PSYC 2101; 2701 PSYC/WGSS 3102/W SLHS (CDIS) 1150
SOCI 1501/W; 2501/W SOCI/AFRA/HRTS (AFAM) 3505 SPAN/LLAS (PRLS)
1009/W URBN 1300/W WGSS 1104; 1105; 3718/W WGSS/SOCI 3621/W

INTERNATIONAL

AFRA/HIST 3206 AFRA/HIST/LLAS 3619 AH 2330 ANTH 1000/W; 1001W;
1006; 1010; 1500; 2400; 3030; 3401; 3504 ANTH/HRTS 3028; 3153W
ARAB 1121; 1122 ART/AASI/INDS 3374/3375/3374 ARTH 1128; 1141
CHIN 1121; 1122; 3250/W 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; 2400 GERM 1169; 1171; 1175; 3251;
3258; 3261W HIST 1206; 1800; 1805; 3705 HIST/LLAS 1600/1190/W;
3607; 3609; 3635 HRTS (POLS) 1007; 3200/W ILCS 1149; 1160;
3260W INTD 1660W; LING 1020; 3610W MUSI 1004; 3421W NRE 2600
NURS 2175 NUSC 1167 PHIL 1106 PLSC 1125 POLS 1202/W; 1207;
1402/W; 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.