Plan of Study: B.S. in Mathematics–Physics, Catalog Year 2017-2018

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 ______

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: _________________________________
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 2017 or 2011 or 6 or more credits of ENGL 9102 & 9103 (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

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

BA: 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; 1005; 1010; 1500; 2000W; 2400
ANTH/AFRA 3152 ARE 1100; 1102; 2255
COMM 1000
ECON 1000; 1007; 1107; 1108; 1129; 1200; 1201; 1202
ECON 2100
ENVR 1000

CONTENT AREA THREE: SCIENCE & TECHNOLOGY

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

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

USA

AA13 3201 AASI/ENGL 3214 AASI/HIST 3531 AASI/HRTS/SOCI 3212/3571/3211;
AFRA/ANTH 3152 AFRA/ADRAM 3131W; 3132 AFRA/ENGL 2214W; 3217W AFRA/FINA 1100 AFRA/HRTS/SOCI 3580 AFRA/PRP 3642 AFRA/PSYC 3106W EMSTENGEN/HIST 1201/1201/1503 ANTH 2000W; 3150W; 3202W; 3602; 3904 ARTH 3050W; 3640W; 3649W WC CLS/HEJS 3201 COMMLAS/WGSS 3221/3242/3260 DRAM 3110; 3112; 3133 EDCI 2100 ENGL 1600W; 2274W; 3210; 3218W ENGL/LAS 3605/3232 ENGL/WGSS 3609; 3611; 3613 HDFS 2001; 3261 HIST 1003; 3301 HIST/ENGL 3401W/3232W HIST/WR 3204; 3570 HIST/LAS 3570; 3660W; 3674/3220 HIST/WRGSS 1203/1212 ICLS 1158; 3258 INTD 2245; 3584 LLAS 1020; 2116; 3210 LING 1030; 2850 MUSI 1022; 1003 MUSI 1175W PHIL 1107 POLICIAIS/WGSS 3620/3272 POLS 2140; 2170 POLS/CW 3050/3270 PSYC 1107; 1109; 1127; 1142; 1152 PSY 1107; 1109; 1127; 1142; 1152 PSY 1107; 1109; 1127; 1142; 1152 PSY 1107; 1109; 1127; 1142; 1152 PSY 1107; 1109; 1127; 1142; 1152

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/taught in foreign language. 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.