

Plan of Study: B.S. in Mathematics–Physics, Catalog Year 2013-2014

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 \_\_\_\_\_

Approval Signatures.

Mathematics Advisor: \_\_\_\_\_

Physics Advisor: \_\_\_\_\_

Department Head or Associate Department Head: \_\_\_\_\_

**CLAS General Education Audit Sheet 2013-2014**

(Find the official list in the University Catalog <http://www.catalog.uconn.edu>)

**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: Freshman English + 2 W courses**

ENGL 1010 or 1011 or both ENGL 91002 & 91003 (transferred); 2000+ level W in [each] major: \_\_\_\_\_ 2<sup>nd</sup> 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. 5<sup>th</sup> course can come from any area A-E  
 BS: 4 courses with at least one from each category A-D**

Courses must be from at least 4 different academic units

<p><b>A: ARTS</b>  <u>AFAM/FINA 1100</u>  <u>ART 1000 ARTH 1128</u>;                  1137; 1138; 1141; 1162  <u>CLCS 1110;1002</u>  <u>DRAM 1101; 1110</u>;  <u>FREN 1171</u>  <u>GERM 1171; 3261W</u>;                  3264W <u>ILCS 1149</u>;  <u>3258W; 3260W</u>  <u>MUSI 1001; 1002</u>;                  1003;1004; 1005; 1021;                  1022; 1112  <u>SPAN 1010; 3250</u>  <u>WGSS 1104</u></p>	<p><b>B: LITERATURE</b>  <u>CAMS 1101; 1102; 1103</u>  <u>CLCS 1101; 1102</u>  <u>ENGL 1101W; 1103W; 1503</u>;                  1616W; 1640W; 2100; 2101; <b>2274W</b>;                  2401; 2405; 2407; 2408W; 2409;                  2411W; <b>3629</b>  <u>FREN 1176; 3230; 3234*; 3261W*</u>;                  3262W*; 3270W  <u>GERM 1140W; 3252W; 3253W</u>;                  3254W; 3255W  <u>HEB/ JUDS 1103</u>  <u>ILCS1101; 1158; 3255W MAST 1200</u>  <u>SPAN 1007; 3232* SPAN/PRLS 1009</u></p>	<p><b>C: HISTORY</b>  <u>AASI 3531 AMST 1700</u>  <u>ECON 2101W; 2102W</u>  <u>HIST 1100W; 1201; 1206</u>;                  1300; 1400; 1501W 1502W;  <b>1800; 1805; 2401W; 2402W</b>;  <b>3531; 3705</b>;  <u>GEOG/URBN 1200</u>  <u>HIST/SCI 2206 HIST/AASI</u>  <b>3531</b>  <u>HIST/LAMS 1570; 3609; 3635</u>;  <b>3660W HIST/PRLS 1570</b>;  <b>3660W; 3674/3220</b>;  <u>HIST/WGSS 1203/1121 MAST</u>                  1200</p>	<p><b>D: PHILOSOPHY &amp; ETHICAL ANALYSIS</b>  <u>GERM 1175</u>;  <u>LING 1010</u>  <u>PHIL 1101; 1102</u>;                  1103; 1104;                  1105W; <b>1106</b>;  <b>1107; 1165W 1175</b>;                  3220  <u>PHIL/HRTS 2170W</u>  <u>POLS 1002</u></p>	<p><b>E: WORLD CULTURES</b>  <u>AASI 3201</u>  <u>ANTH 1001W; 3401</u>  <u>ARAB 1121; 1122</u>  <u>CHIN 1121; 1122</u>  <u>CLCS 1103W; 2201</u>  <u>FREN 1169; 1176; 1177</u>;                  3210* <b>3211*</b>; <b>3218; 3224</b>;                  3235; 3267W*; 3268W*;  <u>GERM 1169; 2400; 3251</u>;  <b>3258</b>  <u>ILCS 1160; 1170</u>  <u>INTD 3260</u>  <u>NURS 2175</u>  <u>SPAN 1008; 1010</u></p>
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**CONTENT AREA TWO: SOCIAL SCIENCES - 2 courses, from 2 different academic units**

ANTH 1000W; 1006; 1500; ANTH/AFAM 3152 ARE 1110; 1150 CDIS 1150; COMM 1000 ECON 1000; 1107; 1108; 1179; 1200; 1201; 1202 ENVE 1000  
GEOG 1000; 1100; 1700; 2100 HDFS 1060; 1070 HRTS/POLS 1007 INTD 1500 LAMS 1190W LING 1020; 1030; 2850; 3610W POLS 1202W; 1207;  
1402W; 1602W; 3208W; 3237W; 3615W; POLS/HRTS 1007 PP 1001 PSYC 1101 or 1103 SOCI 1001W; 1251W; 1501W; 3823 URBN 1300W  
WGSS 1105;1124;3253W

**CONTENT AREA THREE: SCIENCE & TECHNOLOGY: BA: one lab course & one non-lab course [from 2 different academic units]  
 BS: one Biology course; plus one sequence each of Chem & Math & Phys**

<p><b>BA</b>  <b>LABORATORY COURSES:</b>  <u>BIOL 1102; 1103; 1107; 1108; 1110</u>  <u>CHEM 1122; 1124Q; 1127Q; 1128Q; 1137Q; 1138Q 1147Q; 1148Q</u>;  <u>ENGR 1101 GEOG 1302</u>  <u>GSCI 1050</u> (or 1051 lecture &amp; 1052 lab in a later semester)  <u>MARN 1003</u>  <u>PHYS 1010Q; 1025Q 1035Q; 1075Q; 1201Q; 1202Q; 1401Q; 1402Q</u>;                  1501Q; 1502Q; 1600Q; 1601Q; 1602Q   <b>NON-LABORATORY COURSES:</b>  <u>AH/ NUSC 1030 ANSC/NUSC 1645 BME/CSE/MCB 1401 CHEM 1101 COGS</u>                  2201 <u>ECE 1001 EEB 2202 GEOG 2300 GSCI 1051; 1010; 1070 LING 2010Q</u>  <u>MARN 1001, 1002 MATH 1050Q; MCB 1405 NRE 1000; NUSC 1165; PHAR</u>                  1000; 1001 <u>PHYS 1020Q; 1030Q PLSC 1150 PSYC 1100 SCI 1051</u></p>	<p><b>BS</b>  <b>BIOLOGY</b> 1107 or 1108 or 1110  <b>CHEMISTRY</b> 1124Q &amp; 1125Q &amp; 1126Q                  or 1127Q &amp; 1128Q                  or 1147Q &amp; 1148Q                  or 1137Q &amp; 1138Q  <b>MATH</b>                  1131Q &amp; 1132Q                  or 1151Q &amp; 1152Q                  or 2141Q &amp; 2142Q  <b>PHYSICS</b> 1201Q &amp; 1202Q                  or 1401Q &amp; 1402Q                  or 1601Q &amp; 1602Q                  or 1501Q &amp; 1502Q</p>
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**CONTENT AREA FOUR: DIVERSITY & MULTICULTURALISM – 2 courses; at least one must cover an International area of study**

<p><b>USA</b>  <u>AASI 3201; 3215; 3221; AFAM/FINA 1100; 3131W; 3214W; 3505; 3642 ANTH</u>                  2000W; 3150; 3202W; 3902; 3904W; <u>ANTH/AFAM 3152; CDIS 1150 DRAM</u>                  3130; <u>DRAM/AFAM 3131W ENGL 1601W; 2274W</u>; 3210; ENGL 3214W;                  3218W;3609; 3613 <u>ENGL/AASI 3212; ENGL/AFAM 3214W ENGL/PRLS</u>                  3605/3232; <u>HDFS 2001; 3261 HEB/JUDS 1103; 3301 HIST 3204W; 3570</u>  <u>AMST/ENGL1201/HIST1503; HIST/AASI 3531; HIST/LAMS/PRLS 1570; 3660W</u>;  <u>HIST/PRLS 3674/3220 HIST/WGSS 1203/1121; 3571 JUDS 3401W; ILCS 1158</u>;  <b>3258W INTD 2245; 3584 LING 1030; 2850 MUSI 1002; 1003 NURS 1175W</b>;  <u>PHIL 1107 POLS/AFAM 3642; POLS/PRLS 3662/3270 PRLS 3210; PSYC 2101</u>;                  2701; <u>PSYC/WGSS 3102W; PSYC/AFAM 3106W SOCI 1501W; SOCI/AASI</u>                  3221 <u>SOCI/HRTS 3321/3571; SOCI/AFAM/HRTS 3505 SPAN/PRLS 1009</u>  <u>URBN 1300W WGSS 1104; 1105 WGSS/COMM/PRLS 3260/3321/3264</u>;  <u>WGSS/SOCI 3621W</u></p>	<p><b>INTERNATIONAL</b>  <u>AASI 3216; ANTH 1000W; 1001W; 1006; 1500; 3401; 3030; 3153W</u>;                  3504; <u>ANTH/HRTS 3028; 3153W ARAB 1121; 1122 ART 3375 ARTH</u>  <b>1128; 1141 CHIN 1121 1122 CLCS 1101; 1102; 1103W; 2201 ECON</b>                  2104W <u>EEB 2202; EEB/NRE 3307/3305 ENGL 1301; 2301W; 3120</u>;                  3122; 3318; 3320; <b>3629 FREN 1169; 1171; 1176; 1177; 3211; 3218</b>;  <b>3224; GEOG 1100; 1700; GERM 1169; 1171; 1175; 3251; 3258</b>;  <b>3261W HIST 1206; 1800; 1805; 3609; 3635; 3705 HIST/LAMS 3609</b>;                  3635 <u>ILCS 1149; 1160; 3260W; INTD 1660W; LAMS 1190W; LING</u>  <b>1020; 3610W MUSI 1004; 3421W NURS 2175 NUSC 1167 PHIL</b>  <b>1106 PLSC 1125 POLS 1202W; 1207; 1402W; 3472W POLS/HRTS</b>  <b>1007 PSYC 3402W SOCI 3823; 2509W SPAN 1007; 1008; 1010</b>;  <b>3250 WGSS 1124; 2105W; 2255W 3255W</b></p>
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