Plan of Study: B.S. in Mathematics–Physics, Catalog Year 2018-2019

### 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)

<table>
<thead>
<tr>
<th>Requirement 1.</th>
<th>Complete one of the following two sequences of courses.</th>
<th>Check one completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) MATH 2110Q (or 2130Q or 2143Q) and 2210Q and 2410Q (or 2420Q)</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>(ii) MATH 2141Q and 2142Q and 2143Q and 2144Q</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement 2.</th>
<th>Complete all of the following courses.</th>
<th>Check completed/anticipated</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) MATH 3146, 3410 and 3510</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>(ii) PHYS 2300, 2501W, 3101, 3201, 3202, 3300, 3401</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
<th>Requirement 3.</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: _________</td>
<td>Credits _______</td>
</tr>
<tr>
<td>Course: _________</td>
<td>Credits _______</td>
</tr>
<tr>
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<td>Credits _______</td>
</tr>
</tbody>
</table>

#### TRACK B (Mathematics Emphasis)

<table>
<thead>
<tr>
<th>Requirement 1.</th>
<th>Complete one of the following two sequences of courses.</th>
<th>Check completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) MATH 2110Q (or 2130Q or 2143Q), 2210Q, 2410Q (or 420Q), 2710 (or 2141Q and 2142Q), and 3146</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>(ii) MATH 2141Q, 2142Q, 2143Q, 2144Q and 3146</td>
<td>□</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Requirement 2.</th>
<th>Complete all of the following courses.</th>
<th>Check completed/anticipated</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2300, 2501W, 3101, 3201, 3202, 3401</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement 3.</th>
<th>Complete at least 3 additional credits from among: PHYS 2200, 2400, 2502, 3102, 3150, 3300, 3402, 3989, 4093, 4095, 4096W, 4098, 4099, 4100, 4130, 4140, 4150, 4210, 4300, 4350, 4900.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: _________</td>
<td>Credits _______</td>
</tr>
<tr>
<td>Course: _________</td>
<td>Credits _______</td>
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<tr>
<th>Requirement 4.</th>
<th>Complete at least 4 additional courses from MATH 3150 (or 4110), 3151, 3160 (or 3165), 3210, 3230 (or 4210), 3330 (or 4310), 3370 and 3410.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: _________</td>
<td>Credits _______</td>
</tr>
<tr>
<td>Course: _________</td>
<td>Credits _______</td>
</tr>
</tbody>
</table>

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

### Approval Signatures
Mathematics Advisor: ____________________________  Physics Advisor: ____________________________
Department Head or Undergraduate Program Director: ____________________________________________
### SECOND LANGUAGE COMPETENCY: Complete one of the following:

- A) 3 years high school level or
- B) 2 years high school 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 more credits of ENGL 91002 &/or 91003 (transferred); 2000+ level W in [each] major:

### CONTENT AREA ONE: ARTS & HUMANITIES

Courses must be selected from at least 4 different academic units.

- A: ARTS:
  - AMST/MUSI
  - ART
  - ENGL/HEJS/HRTS
  - DRAM

- B: LITERATURE:
  - CAMS 1101
  - ENGL 1101W; 1103W; 1503; 1616W;
  - 2100; 2101W; 2201W; 2203W; 2401;
  - 2405; 2407; 2408W; 2409; 2411W; 2413W;
  - 2605W; 2607; 3320; 3629; 3633W

- C: HISTORY:
  - AASI/HIST 3531
  - AFRAHIST 3206
  - AFRAHIST/ILLAS 3619W
  - AMST 1700

- D: PHILOSOPHY & ETHICAL ANALYSIS:
  - GERH 1175

- E: WORLD CULTURES:
  - AASI/MST 3201

- notes:
  - CLAS General Education Audit Sheet 2018
  - Find the official list in the University Catalog at catalog.uconn.edu/directory

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

- ANTH 1000W; 1006; 1010; 1500; 2000W; 2400
- COMM 1000
- GEOG 1000; 1700; 2000; 2100; 2320; 2400
- HDFS 1060; 1070; 3120W; 3211; 3237W; 3615W
- PUB 100
- PUB 1101
- PUB 1103
- PUB 1104
- PUB 1001
- PUB 1002
- PUB 2105
- PUB 2106
- PUB 2107
- PUB 2108

### CONTENT AREA THREE: SCIENCE & TECHNOLOGY

Bachelor of Arts (BA): 2 courses from 2 different academic units, at least one of which must be a lab course.

- LABORATORY COURSES:
  - BIOI 1102; 1103; 1107; 1108; 1110
  - CHEM 1122; 1124Q; 1127Q; 1128Q; 1147Q; 1148Q
  - GEOG 1302
  - GSCI 1052 or GSCI 1052 with one of: GSCI 1010/1051/1055/1070
  - MARN 1003
  - MCB 2512
  - PHYS 1010Q; 1025Q; 1035Q; 1057Q; 1210Q; 1220Q; 1401Q; 1402Q;
  - 1501Q; 1502Q; 1600Q; 1601Q; 1602Q

- NON-LABORATORY COURSES:
  - AHNUSC 1030
  - ANSONC/UHS 1645
  - BME/C/CE/ME/NC/PB/NB 1401
  - CHEG 1200
  - COGS 2201
  - DMD 2010
  - ENVS 1000
  - EPSY 1450W; 2810
  - EVST 1000
  - GEOG 1200; 1700; 2000; 2100; 2320; 2400
  - HDFS 1060; 1070; 3120W; 3211; 3237W; 3615W
  - PUB 100
  - PUB 1101
  - PUB 1103

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

**USA:**
- AASI/MST 3201
- AASI/ENGL 3212
- AASI/HIST 3531
- AASI/SOCI 3221
- AAFRA/ANTH 3152
- AAFRA/ARTH 3080W
- AAFRA/DRAM 3131
d
- AASI/ENGL 3212
- AASI/HIST 3531
- AASI/SOCI 3221
- AAFRA/ANTH 3152
- AAFRA/ARTH 3080W
- AAFRA/DRAM 3131

### INTERNATIONAL:
- AASI/MST 3201
- AAFRAHIST/ILLAS 3619W
- AAFRAHIST/ILLAS 3206

**notes:**
- Bold numbers indicate the courses may “double-dip”; (two courses in CA 1.2.3 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.
- If a course is offered as both W and non-W, other will fulfill the General Requirements. Such courses are shown with a slash (/) before the W.
- * = foreign language pre-requisite.
- 4) Courses in 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.