

Engineering Physics, Bachelor of Science
College of Liberal Arts and Sciences

<p>Fall – Year 1 (16 credits)</p> <p>ENGR 1000 (Orientation to Engineering) MATH 1131 (Calculus 1) *CHEM 1127 (General Chemistry I) CSE 1010 (Intro to Computing) ENGL 1007 (Freshmen English)</p>	<p>Spring – Year 1 (18 credits)</p> <p>PHYS 1501 MATH 1132 (Calculus 2) CHEM 1128 (General Chemistry II) ENGR 1166 (foundations of Engineering) Gen Ed Content Area II</p>
<p>Fall – Year 2 (18 credits)</p> <p>PHYS 1502 MATH 2110 (Multivariable) PHYS 2501W (Laboratory in Mechanics) MSE 2001 or 2101 CHENG 2103</p>	<p>Spring – Year 2 (18 credits)</p> <p>PHYS 2300 (Development of Quantum Physics) PHYS 3101 (Mechanics 1) MATH 2410 (Elem Diff Eq) MSE 2002 or 2102 CE 2110 Gen Ed Content Area II</p>
<p>Fall – Year 3 (18 credits)</p> <p>PHYS 3201 (Electricity and Magnetism 1) PHYS 3401 (Quantum 1) CE 3120 ECE 2001 Gen Ed Content Area I-A (Double-dip CA 4) Gen Ed Content Area I-C</p>	<p>Spring – Year 3 (15 credits)</p> <p>PHYS 3202 (Electricity and Magnetism 2) Thermal Science Elective STAT 3025 CE 3110 Gen Ed Content Area I-B (Double-dip CA 4)</p>
<p>Fall – Year 4 (15 credits)</p> <p>Physics Elective ENGR 4001 ENGR 2XXX ENGR 3XXX Gen Ed Content Area I-D</p>	<p>Spring – Year 4 (16 credits)</p> <p>PHYS 3300 (Statistical and Thermal Mechanics) Physics Elective ENGR 4002W ENGR 3XXX BIO 1107/1108/1110</p>

NOTES:

- *CHEM 1127 is a prerequisite for MSE 2001/MSE 2101 taken fall semester of sophomore year
- CA 4 requirements can be fulfilled by double dipping with CA 1 and CA2
- Environmental Literacy requirement can be fulfilled by double dipping with a Gen Ed requirement
- ENGR 1000 can be waived if a student did not pursue it in their first semester at UConn. ENGR 1166 cannot be waived but can be substituted by a 2000 level or higher ENGR course not already required for the Engineering Physics degree. If student is below 54 credits they can take ENGR 1166