

**BACHELOR OF SCIENCE IN PHYSICS
GENERAL OPTION**

Partial curriculum showing the required courses

FALL	1ST YEAR	SPRING
Phys 140Q		Phys 141Q
Math†		Math†
Engl 105		Engl 109
Chem 127Q, 128Q, or 137Q		Chem 128Q, 129Q, or 138Q
2ND YEAR		
Phys 142Q		Phys 230Q*
Math†		Math†
Phys 258Z*		Phys Elect++
3RD YEAR		
Phys 242Q*		Phys 257Q*
Phys 255Q*		Phys 261Q*
Math†		Math†
4TH YEAR		
Phys 271*		Phys Elect++
Phys Elect**		Phys Elect ++
Math†		

Required Credits:

120 credits total

36 credits in physics courses, 200 level or above, including at least three credits of an advanced laboratory (Phys 256Q, 259Z or 285Z). An experimental research project (Phys 299) may count toward the advanced laboratory requirement.

12 credits in a related field (Math)

Consult the catalog for a complete list of course requirements, and select electives after discussing your plans with your advisor.

† The math sequence can begin Math 112Q, 113Q, and 114Q, or Math 115Q and 116Q, or Math 120Q and 121Q, depending on preparation. The sequence should include Math 210Q and 211Q or Math 220Q and 221Q, Math 227Q, 252Q, 272Q

* Mandatory courses for Bachelor of Science, General Option

**Some electives available fall semester: Phys 281 (Optics), Phys 273 (Solid State), Phys 311 (Mathematical Physics)

++Some electives available spring semester: Phys 246 (Mechanics), Phys 256 (Electronics), Phys 259Z (Lab), Phys 262 (Quantum Mech), Phys 274 (Nuclei and Particles), Phys 275 (Principles of Laser), Phys 312 (Mathematical Physics)