

Typical Plan—Physics (B.A.)

Freshman Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 151 Calculus I	4	MATH 250 Calculus II	4
CHEM 125 General Chemistry I	4	PHYS 221 University Phys: Mechanics	4
CORE 101 Western Civ and Culture I	4	CORE 102 Western Civ and Culture II	4
COMP 101 Composition	4	General Elective	4
Total	16	Total	16

Sophomore Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
PHYS 321 Modern Physics	4	MATH 270 Scientific Program	4
PHYS 223 University Physics: E&M	4	PHYS 222 University Physics: Materials	4
MATH 251 Vector Calculus	4	THEO 105 Sacred Scripture	4
Elementary Language	4	Intermediate Language	4
Total	16	Total	16

Junior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 252 Ordinary Different Equations	4	Physics Elective	4
Physics Elective	4	POLT 203 American Civilization	4
PHIL 205 Nature and Person	4	PHIL 206 Ethics	4
THEO 205 Sacred Doctrine	4	General Elective	4
Total	16	Total	16

Senior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
THEO 400 Living in Christ	4	PHYS 490 Advanced Laboratory	4
Physics Elective	4	Physics Elective	4
General Elective	4	General Elective	4
General Elective	4	General Elective	4
Total	16	Total	16

Suggested Plan—Physics (B.A.)

Freshman Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 151 Calculus I	4	MATH 250 Calculus II	4
CHEM 125 General Chemistry I	4	PHYS 221 University Phys: Mechanics	4
CORE 101 Western Civ and Culture I	4	CORE 102 Western Civ and Culture II	4
COMP 101 Composition	4	General Elective	4
PHYS 197 Directed Research	2	PHYS 197 Directed Research	2
Total	18	Total	18

Sophomore Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
PHYS 321 Modern Physics	4	MATH 270 Scientific Program	4
PHYS 223 University Physics: E&M	4	PHYS 222 University Physics: Materials	4
MATH 251 Vector Calculus	4	THEO 105 Sacred Scripture	4
Elementary Language	4	Intermediate Language	4
PHYS 297 Directed Research	2	PHYS 297 Directed Research	2
Total	18	Total	18

Junior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 252 Ordinary Different Equations	4	Physics Elective	4
Physics Elective	4	POLT 203 American Civilization	4
PHIL 205 Nature and Person	4	PHIL 206 Ethics	4
PHYS 397 Directed Research	2	PHYS 397 Directed Research	2
Total	14	Total	14

Senior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
THEO 400 Living in Christ	4	PHYS 490 Advanced Laboratory	4
Physics Elective	4	Physics Elective	4
THEO 205 Sacred Doctrine	4	General Elective	4
PHYS 497 Directed Research	2	PHYS 497 Directed Research	2
Total	14	Total	14

Note: Taking more than 128 total credits (16 credits per semester) may affect scholarships. Check with Financial Aid to confirm eligibility.

Suggested Plan—Physics (B.A.) with Mathematics Minor

Freshman Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 151 Calculus I	4	MATH 250 Calculus II	4
CHEM 125 General Chemistry I	4	PHYS 221 University Phys: Mechanics	4
CORE 101 Western Civ and Culture I	4	CORE 102 Western Civ and Culture II	4
COMP 101 Composition	4	General Elective	4
PHYS 197 Directed Research	2	PHYS 197 Directed Research	2
Total	18	Total	18

Sophomore Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
PHYS 321 Modern Physics	4	MATH 270 Scientific Program	4
PHYS 223 University Physics: E&M	4	PHYS 222 University Physics: Materials	4
MATH 251 Vector Calculus	4	THEO 105 Sacred Scripture	4
Elementary Language	4	Intermediate Language	4
PHYS 297 Directed Research	2	PHYS 297 Directed Research	2
Total	18	Total	18

Junior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 252 Ordinary Different Equations	4	Physics Elective	4
Physics Elective	4	POLT 203 American Civilization	4
PHIL 205 Nature and Person	4	PHIL 206 Ethics	4
PHYS 397 Directed Research	2	PHYS 397 Directed Research	2
Total	14	Total	14

Senior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
THEO 400 Living in Christ	4	PHYS 490 Advanced Laboratory	4
Physics Elective	4	Physics Elective	4
THEO 205 Sacred Doctrine	4	Math Elective	4
PHYS 497 Directed Research	2	PHYS 497 Directed Research	2
Total	14	Total	14

Note: Taking more than 128 total credits (16 credits per semester) may affect scholarships. Check with Financial Aid to confirm eligibility.

Suggested Plan—Physics (B.A.) with Mathematics (B.A.) - Dual Major

Freshman Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 151 Calculus I	4	MATH 250 Calculus II	4
CHEM 125 General Chemistry I	4	PHYS 221 University Phys: Mechanics	4
CORE 101 Western Civ and Culture I	4	CORE 102 Western Civ and Culture II	4
COMP 101 Composition	4	MATH 270 Scientific Program	4
PHYS 197 Directed Research	2	PHYS 197 Directed Research	2
Total	18	Total	18

Sophomore Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
PHYS 321 Modern Physics	4	Math Elective	4
PHYS 223 University Physics: E&M	4	PHYS 222 University Physics: Materials	4
MATH 251 Vector Calculus	4	Physics Elective	4
Elementary Language	4	Intermediate Language	4
PHYS 297 Directed Research	2	PHYS 297 Directed Research	2
Total	18	Total	18

Junior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 252 Ordinary Different Equations	4	Physics Elective	4
Physics Elective	4	MATH 330 Probability	4
MATH 310 or MATH 311	4	POLT 203 American Civilization	4
PHIL 205 Nature and Person	4	THEO 105 Sacred Scripture	4
PHYS 397 Directed Research	2	PHYS 397 Directed Research	2
Total	18	Total	18

Senior Year

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
MATH 490 Senior Seminar	4	PHYS 490 Advanced Laboratory	4
Physics Elective	4	Math Elective	4
Math Elective	4	PHIL 206 Ethics	4
THEO 205 Sacred Doctrine	4	THEO 400 Living in Christ	4
PHYS 497 Directed Research	2	PHYS 497 Directed Research	2
Total	18	Total	18

Note: Taking more than 128 total credits (16 credits per semester) may affect scholarships. Check with Financial Aid to confirm eligibility.