

OPTOMETRY

Four Year Plans

Pre-Optometry

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
LNGS 111		4
BIOL 101	Foundations of Biology	4
CHEM 125	Introduction to Chemical Structure and Properties	4
CHEM 201	Purification and Separation Lab I	1
Hours		18
Spring		
CI		4
LNGS 112		4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
BIOL 201	Intermediate Cell Biology and Genetics	4
Hours		17
Second Year		
Fall		
LNGS 211		4
PHYS 105	Physics for the Life Sciences I	4
TE		4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
Hours		17
Spring		
PHYS 106	Physics for the Life Sciences II	4
PSYC 111	Introductory Psychology	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
Hours		13
Third Year		
Fall		
BIOL 307	Biology of Microorganisms	4
BIOL 3XX		4
SS		4
CS		4
Hours		16
Spring		
BIOL 317	Biochemistry	4
MATH 119	Calculus I	4
HE		4
Hours		12
Fourth Year		
Fall		
AE		4
MATH 120 or MATH 124	Calculus II or Probability and Statistical Inference	4
BIOL 325	Human Anatomy and Physiology I	4
Hours		12
Spring		
BIOL 326	Human Anatomy and Physiology II	4
INTG 300	Learning Integrations	4

HM	4
Hours	12
Total Hours	117

Pre-Optometry with Study Abroad

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
LNGS 111		4
BIOL 101	Foundations of Biology	4
CHEM 125	Introduction to Chemical Structure and Properties	4
CHEM 201	Purification and Separation Lab I	1
Hours		18
Spring		
CI		4
LNGS 112		4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
BIOL 201	Intermediate Cell Biology and Genetics	4
Hours		17
Second Year		
Fall		
LNGS 211		4
PHYS 105	Physics for the Life Sciences I	4
TE		4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
Hours		17
Spring		
PHYS 106	Physics for the Life Sciences II	4
PSYC 111	Introductory Psychology	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
Hours		13
Third Year		
Fall		
BIOL 307	Biology of Microorganisms	4
BIOL 3XX		4
SS		4
Hours		12
Spring		
Study Abroad		
GL		4
HE		4
EX		4
CS		4
Hours		16
Fourth Year		
Fall		
AE		4
MATH 119	Calculus I	4
BIOL 325	Human Anatomy and Physiology I	4
BIOL 317	Biochemistry	4
Hours		16
Spring		
BIOL 326	Human Anatomy and Physiology II	4
INTG 300	Learning Integrations	4

2 Optometry

HM		4
MATH 120 or MATH 124	Calculus II or Probability and Statistical Inference	4
Hours		16
Total Hours		125