

OPTOMETRY

Advisor: David Mitchell

Saint Benedict's and Saint John's offer a pre-professional program in optometry. The curriculum for the pre-optometry program includes the following general prerequisites:

- Biology
- Chemistry
- Physics
- English

However, optometry schools may different prerequisites. General information about optometry, the OAT exam or school specific requirements can be found at www.opted.org (<http://www.opted.org>)

Four Year Plans

Pre-Optometry

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
Language 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		
Cultural/Social Difference - Identity (CI)		4
Language 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		
Language 211		4
PHYS 105	Physics for the Life Sciences I	4
Theological Exporation		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
Additional coursework for major/minor		4
Hours		17
Third Year		
Fall		
BIOL 307	Biology of Microorganisms	4
BIOL 3@@		4
Social World		4
Cultural/Social Difference - Systems (CS)		4
Hours		16

Spring		
BIOL 317	Biochemistry	4
MATH 119	Calculus I	4
Theological Integrations (T!)		4
Elective		4
Hours		16
Fourth Year		
Fall		
Artistic Expression		4
MATH 120 or MATH 124	Calculus II or Probability and Statistical Inference	4
BIOL 325	Human Anatomy and Physiology I	4
Elective		4
Hours		16
Spring		
BIOL 326	Human Anatomy and Physiology II	4
INTG 300	Learning Integrations	4
Human Experience		4
Remaining Coursework for Major/Minor		4
Hours		16
Total Hours		133

Pre-Optometry with Study Abroad

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
Language 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		
Cultural/Social Difference - Identity (CI)		4
Language 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		
Language 211		4
PHYS 105	Physics for the Life Sciences I	4
Theological Exlorations		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
Additional coursework for major/minor		4
Hours		17
Third Year		
Fall		
BIOL 307	Biology of Microorganisms	4
BIOL 3XX		4
SS		4

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Additional coursework for major/minor		4
Hours		16
Spring		
Study Abroad		
Global Engagement		4
Human Experience		4
Experiential Engagement		4
Cultural/Social Difference - Systems (CS)		4
Hours		16
Fourth Year		
Fall		
Artistic Expression		
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
Theological Integrations		
MATH 120 or MATH 124	Calculus II or Probability and Statistical Inference	4
Hours		16
Total Hours		133