

MEDICINE

Four Year Plans

Pre-Medicine with Study Abroad

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
Cultural/Social Difference - Identity (take SOCI 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		
Language 111		4
THEO 100	Theological Explorations	4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
Hours		17
Second Year		
Fall		
Language 112		4
MATH 124	Probability and Statistical Inference	4
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
Hours		17
Spring		
Language 211		4
PSYC 111	Introductory Psychology	4
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
Hours		17
Third Year		
Fall		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
Course for Major/Minor		4
Course for Major/Minor		4
Hours		16
Spring		
Study Abroad		16
Global Engagement		
Experiential Engagement		
Cultural/Social Difference - Systems		
Human Experience		
Hours		16
Fourth Year		
Fall		
Theological Integrations		4
Artistic Expression		4
Course for Major/Minor		4
Course for Major/Minor		4
Hours		16

Spring

INTG 300	Learning Integrations	4
Course for Major/Minor		4
Course for Major/Minor		4
Any Remaining Requirements		4
Hours		16
Total Hours		133

Pre-Medicine with BCHM Major

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
Cultural/Social Difference - Identity (take SOCI 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		
Language 111		4
THEO 100	Theological Explorations	4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
Hours		17
Second Year		
Fall		
Language 112		4
MATH 119	Calculus I	4
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
Hours		17
Spring		
Language 211		4
MATH 124	Probability and Statistical Inference	4
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
Hours		17
Third Year		
Fall		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
PSYC 111	Introductory Psychology	4
Human Experience		4
Hours		16
Spring		
CHEM 315	Advanced Reactions (Reactivity 3)	4
Global Engagement		4
Cultural/Social Difference - Systems		4
Course for Major/Minor		4
Hours		16
Fourth Year		
Fall		
Theological Integrations		4
BIOL 311	Cell Biology	4
Artistic Expression		4

Course for Major/Minor		4
Hours		16
Spring		
INTG 300	Learning Integrations	4
BIOL 318	Molecular Genetics	4
Elective		4
BCHM 375	Biochemistry Capstone	2
BCHM XXX Exam		0
Hours		14
Total Hours		131

Pre-Medicine with BCHM Major with Study Abroad

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
Cultural/Social Difference - Identity (take SOCI 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		
Language 111		4
THEO 100	Theological Explorations	4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
Hours		17
Second Year		
Fall		
Language 112		4
MATH 119	Calculus I	4
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
Hours		17
Spring		
Language 211		4
MATH 124	Probability and Statistical Inference	4
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
Hours		17
Third Year		
Fall		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
PSYC 111	Introductory Psychology	4
Hours		12
Spring		
Study Abroad		
Global Engagement		4
Experiential Engagement		4
Cultural/Social Difference - Systems		4
Human Experience		4
Hours		16

Fourth Year

Fall		
CHEM 315	Advanced Reactions (Reactivity 3)	4
BIOL 311	Cell Biology	4
Theological Integrations		4
Artistic Expression		4
Hours		16
Spring		
INTG 300	Learning Integrations	4
BIOL 318	Molecular Genetics	4
Elective		4
BCHM 375	Biochemistry Capstone	2
BCHM XXX Exam		0
Hours		14
Total Hours		127

Pre-Medicine with Biology Major with Study Abroad

Course	Title	Hours
First Year		
Fall		
INTG 105	College Success	1
INTG 100	Foundations	4
Cultural/Social Difference - Identity (take SOCI 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		
Language 111		4
THEO 100	Theological Explorations	4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
CHEM 202	Purification and Chromatography Lab II	1
Hours		17
Second Year		
Fall		
Language 112		4
MATH 124	Probability and Statistical Inference	4
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
Hours		17
Spring		
Language 211		4
PSYC 111	Introductory Psychology	4
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
Hours		17
Third Year		
Fall		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
Artistic Expression		4
Hours		12
Spring		
Study Abroad		
Global Engagement		4
Experiential Engagement		4
Cultural/Social Difference - Systems		4

Human Experience		4
Hours		16
Fourth Year		
Fall		
Theological Integrations		4
BIOL 202	Evolution in Action	4
BIOL 3@@		4
Elective		4
Hours		16
Spring		
INTG 300	Learning Integrations	4
BIOL 3@@		4
BIOL 3@@		4
BIOL 380 Capstone		2
Hours		14
Total Hours		127

AE course		
HIST course abroad		
Hours		16
Fourth Year		
Fall		
HIST Theology 300 level		4
HIST 300 level - potential CS		4
HIST 200 or 300 level elective		4
HIST 395	Historiography	4
Hours		16
Spring		
INTG 300	Learning Integrations	4
HIST 399	Senior Thesis	4
HIST Elective 300 level		4
HIST Elective 300 level		4
Hours		16
Total Hours		133

Pre-Medicine with History Major with Study Abroad

Course	Title	Hours
First Year		
Fall		
INTG 100	Foundations	4
INTG 105	College Success	1
BIOL 101	Foundations of Biology	4
CHEM 125	Introduction to Chemical Structure and Properties	4
CHEM 201	Purification and Separation Lab I	1
HIST CSDI		4
Hours		18
Spring		
THEO 100	Theological Explorations	4
BIOL 201	Intermediate Cell Biology and Genetics	4
CHEM 250	Reactions of Nucleophiles and Electrophiles (Reactivity 1)	4
LANG 111		4
CHEM 202	Purification and Chromatography Lab II	1
Hours		17
Second Year		
Fall		
PHYS 105	Physics for the Life Sciences I	4
CHEM 251	Intermediate Reactions of Nucleophiles and Electrophiles (Reactivity 2)	4
CHEM 203	Synthesis Lab	1
LANG 112		4
HIST 295	History Colloquium	4
Hours		17
Spring		
PHYS 106	Physics for the Life Sciences II	4
CHEM 255	Macroscopic Chemical Analysis	4
CHEM 205	Chemical Measurement Lab	1
PSYC 111	Introductory Psychology	4
LANG 211		4
Hours		17
Third Year		
Fall		
BIOL 317	Biochemistry	4
BIOL 323	Animal Physiology	4
SOCI 111	Introduction to Sociology	4
MATH 124	Probability and Statistical Inference	4
Hours		16
Spring		
Study Abroad		16