

ICO Optometry 3+4 Sample Plan, BIO Major

First Year					
Fall			Spring		
Course		Credits	Course		Credits
CHE 161	General Chemistry 1	4	CHE 162	General Chemistry 2	4
CHE 168	General Chemistry 1 Lab	1	CHE 169	General Chemistry 2 Lab	1
ENG 101	Writing and Rhetoric	3	BIO 202	Principles of Biology 2	4
MAT 221	Calculus 1	4	MAT 222	Calculus 2	4
COL 101	Introduction to College Experiences	1	COM 101	Introduction to Communication	3
THE ____	Introductory Theology	3	LAS 101	Liberal Arts Seminar	1
Total: 16			Total: 17		

Second Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 201	Principles of Biology 1	4	PSY 101	Introduction to Psychology	3
CHE 221	Organic Chemistry 1	3	BIO 341	General Microbiology	4
PHY 202*	Electricity, Magnetism and Light	5	PHY 201*	Physics 1: Space, Time and Motion	5
THE ____	Biblical Theology	3	HIS ____	History	3
XXX	Foreign Language/ Gen Ed	3	XXX	Fine Arts Gen Ed	3
Total: 18			Total: 18		

Third Year					
Fall			Spring		
Course		Credits	Course		Credits
DSC 311	Applied Statistics	3	BIO 331	Cell Biology	4
BIO 360	Genetics	4	BIO 223	Medical Terminology	2
BIO 380	Ecology	4	ENG ____	English literature	3
SOC 101**	Intro to Sociology	3	THE ____	Systematic Theology	3
THE ____	Applied Theology	3	LAS 401/402	Liberal Arts Capstone	2
			PED 100	Health & Wellness Gen Ed	1
Total: 17			Total: 15		

*PHY 151/152 (algebra-based) are also acceptable, in which case student would not have to take MAT 222

**Introduction to Anthropology (ANT 101) or Cultural Anthropology (ANT 102) are also acceptable

- Courses used to fulfill prerequisites for admission to ICO are **in red**.
- Courses fulfilling requirements for a major in Biology are **bolded**.
- This sample plan assumes reverse transfer of 26 total credits from ICO to fulfill the requirements for a Bachelor of Science degree (minimum of 120 total credits) with a major in Biology as indicated on the back of this sheet.

ICO Optometry 3+4 Reverse-Transfer credits, BIO Major

ICO Year 1					
ICO Course			WLC Credit		
Course		Credits	Course		Credits
Fall	Human Anatomy	4	BIO XXX BIO 401-402	Biology electives Research Strategies	21 5
	Human Physiology & Pathology	4			
	Biochemistry	4			
Winter	Human Physiology & Pathology II	2			
	Biochemistry II	4			
Spring	Neuroanatomy & Neurophysiology	4			
	Human Physiology & Pathology III	4			
Total: 26		Total: 26			