

Rush Respiratory Care 3+2 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 118	College Algebra	3	PSY 101	Introduction to Psychology	3
COL 101	Introduction to College Experiences	1	COM 101	Introduction to Communication	3
THE ___	Introductory Theology	3	XXX	Fine Arts Gen Ed	3
PED 100	Health & Wellness Gen Ed	1			
Total: 16			Total: 18		

Second Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 201	Principles of Biology 1	4	BIO 341	General Microbiology	4
CHE 221	Organic Chemistry 1	3	PHY 151*	General Physics 1	4
BIO 225	Human Anatomy and Physiology 1	4	BIO 255	Human Anatomy and Physiology 2	4
THE ___	Biblical Theology	3	ENG ___	English literature	3
XXX	Foreign Language/ Gen Ed	3	LAS 101	The Great Ideas	2
Total: 17			Total: 17		

Third Year					
Fall			Spring		
Course		Credits	Course		Credits
DSC 311**	Applied Statistics	3	BIO 223	Medical Terminology	2
BIO 360	Genetics	4	BIO ___	Biology Elective	3-4
BIO 380	Ecology	4	THE ___	Systematic Theology	3
THE ___	Applied Theology	3	HIS ___	History	3
BIO 425	Advanced Human Anatomy	4	SOC 101	Introduction to Sociology	3
			LAS 401/402	Liberal Arts Capstone	1
Total: 18			Total: 15-16		

*PHY 201 could also be used to fulfil this requirement

**Rush requires MAT 117 or DSC 311, and the BIO major requires MAT 221, MAT 222, or DCS 311

- Courses used to fulfill prerequisites for admission to Rush are **in red**.
- Courses fulfilling requirements for a major in Biology are **bolded**.
- This sample plan assumes reverse transfer of 26 total credits from Rush 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.

Rush Respiratory Care 3+2 Reverse-Transfer credits, BIO Major

ICO Year 1					
Rush Course			WLC Credit		
Course		Credits	Course		Credits
501	Foundations of Prof. Practice	3	BIO XXX	Biology electives	21
511	Intro to Respiratory Care	3	BIO 401-402	Research Strategies	5
512	Cardiopulmonary A&P	5			
515	Respiratory Care Pharm.	2			
520	Resp. Care Equip. & Techniq.	4			
521	Patient Assessment	4			
522	Pulmonary Disease	3			
523	Mechanical Ventilation	4			
Total: 28			Total: 26		