

Sample Program for Biology Major with Rush University – Respiratory Therapy

Freshman					
Fall			Spring		
Course		Credits	Course		Credits
MAT117	Elementary Statistics	3	CHE162	General Chemistry 2	4
CHE161	General Chemistry 1	4	CHE169	General Chemistry Lab 2	1
CHE168	General Chemistry Lab 1	1	ENG101	Writing & Rhetoric	3
COL101	Idea to College Experiences	1	FINE ARTS	GEN ED	3
COM101	Idea to Communication	3	LAS101	Liberal Arts Seminar	1
PED 100	GEN ED	1	PSY 101	Intro. to Psychology	3
THE 1xx	Theology GEN ED	3			
		16			15
Sophomore					
Fall			Spring		
BIO225	Anatomy & Physiology 1	4	BIO255	Anatomy & Physiology 2	4
BIO202	Principles of Biology 2	4	PHY 151 or 201	General Physics 1	4 or 5
CHE221	Organic Chemistry 1	3	BIO341	Microbiology	4
THE2xx	Theology GEN ED	3	IKC GEN ED	IKC Elective	3
ENG LIT	Literature GEN ED	3			
		17			17
Junior					
Fall			Spring		
BIO360	Genetics	4	OR	BIO331	Cell Biology
THE3xx	Theology GEN ED	3		LAS 401/2	Liberal Arts Capstone
BIO201	Principles of Biology 1	4		THE4xx	Theology GEN ED
MAT 221 or BIO310	Calculus or Biostatistics	4 or 3		HIS xxx	History GEN ED
BIO380	Ecology	4		BIO ELE	BIO Elective
		17 or 18	OR		15 (29 total)

Courses required for admission to the RUSH University MS-Respiratory Care Program are highlighted in red.

This assumes reverse transfer of 26 total credits from the RUSH University Program to fulfill the requirements for a Bachelor of Science degree (minimum 120 total credits required for graduation) with a major in Biology as follows:

RUSH University Year 1 courses		Credits toward MS-RC	WLC reverse transfer course		Credits toward B.S.
RCP-501	Foundations of Prof Prac	3	BIOxxx	BIO electives	16
RCP-511	Intro to Respiratory Care	3	BIO401	Research Strategies 1	2
RCP-512	Cardiopulmonary A&P	5	BIO402	Research Strategies 2	3
RCP-520	Resp. Care Equip & Techniq.	4			<hr style="width: 100%;"/>
RCP-521	Patient Assessment	4			26
RCP-522	Pulmonary Disease	3			
RCP-523	Mechanical Ventilation	4			
		<hr style="width: 100%;"/>			
		26			