

Recommended Course Sequence for the BS Biology/Histotechnology 3+1 Program

Total credits: 126

<u>Year 1: Fall</u> BIO 1200, Gen Bio I – 3 credits – C1 BIO 1210, Gen Bio lab I – 2 credits – C1 CHM 1070, Gen Chem I – 3 credits CHM 1100, Gen Chem I lab – 1 credit MTH 1400, Elementary Functions– 3 credits – B1 ENL 1310, Acad. Writing – 3 credits – A2 Total credits: 15	<u>Year 1: Winter</u> BIO 1220, Gen Bio II – 3 credits BIO 1230, Gen Bio lab II – 2 credits CHM 1080, Gen Chem II – 3 credits CHM 1120, Gen Chem II lab – 1 credit CST 1010, Speech – 3 credits – A1 PHL 1000, Intro Phil. – 3 credits – D1 Aesthetic Experiences – 3 credits – E3 Total credits: 18
<u>Year 2: Fall</u> BIO 2700, Genetics – 3 credits CHM 2270, Organic Chem I – 3 credits CHM 2250, Organic Chem lab I – 1 credit PYC 1000, Intro Psychology – 3 credits – C2 BIO 2900, Biostatistics – 3 credits – B2 Core PHL/RELS – 3 credits – D3 Total credits: 16	<u>Year 2: Winter</u> BIO 4801 – Human Anatomy – 3 credits BIO 4820 – Human Anatomy lab – 1 credit BIO 4480 – Evolution – 3 credits CHM 2290, Organic Chem II – 3 credits CHM 2260, Organic Chem lab II – 1 credit Core (i.e. HIS 3480) – 3 credits – E1/IT3/IT4 Literary Experience – 3 credits – E2 Total credits: 17
Apply for Internship at Beaumont by April 15 of Year 3	
<u>Year 3: Fall</u> BIO 4990 – 3 credits – IT1 BIO 3500, Histology – 3 credits BIO 3500, Histology lab– 2 credits PHY 1300, Physics I – 3 credits PHY 1310, Physics I lab – 1 credit CHM 4710, Biochemistry I – 3 credits Ethics 3580 -3 credits – F1 Total credits: 18	<u>Year 3: Winter</u> BIO 4210, Microbiology – 3 credits BIO 4220 Microbiology Lab– 2 credits PHY 1320, Physics II – 3 credits PHY 1330, Physics II lab – 1 credit Core (i.e. CAS 2000)– 3 credits D2/IT5/IT6 BIO 4630, Physiology – 3 credits – IT2 BIO 4250, Immunology – 3 credits Total credits: 18
<u>Year 4: Fall</u> SCIE XXXX Histotechnology Internship 12 credits Internship at Beaumont Hospital (Lecture/Labs)	<u>Year 4: Winter</u> SCIE XXXX Histotechnology Internship 12 credits Internship at Beaumont Hospital (Lecture/Labs)
<u>Year 4: Summer</u> SCIE XXXX Histotechnology Clinical Internship at Beaumont Hospital 0 credits	

Upper-level courses in Biology are encouraged if schedule allows

BIO 2840 – Animal Behavior	BIO 3201 - Metagenomics
BIO 3400 – Cancer Biology	BIO 3700 – Developmental Biology
BIO 3750 – Human Genetics	BIO 3710 – Developmental Biology lab
BIO 4350 – Fundamentals of Pharmacology	BIO 4980 – Pathophysiology
BIO 3800 – Principles of Neurophysiology	