



**Bachelor of Science in Biochemistry and Molecular Biology  
and Ohio University Heritage (OU-HCOM)  
Sample 3+1 Graduation Plan**

**Freshman Year (at Otterbein)**

Autumn Semester		Spring Semester	
Freshman Year Seminar	4	Integrative Studies 1500	4
MATH 1700 Calculus	4	MATH 1800 Calculus II	4
CHEM 1400 Advanced General Chemistry	3	CHEM 1500 General Chemistry II	3
CHEM 1410 General Chemistry I Lab	1	CHEM 1510 General Chemistry II Lab	1
BIO 1010 Introduction Cell Biology	4	BIO 1020 Introduction to Organisms & Ecology	4
<b>Total</b>	<b>16*</b>	<b>Total</b>	<b>16*</b>

**Sophomore Year (at Otterbein)**

Autumn Semester		Spring Semester	
Integrative Studies 2000	4	Integrative Studies 2200	4
CHEM 2400 Organic Chemistry	3	CHEM 2500 Organic Chemistry II	3
CHEM 2410 Organic Chemistry Lab	1	CHEM 2510 Organic Chemistry II Lab	1
BIO 2010 Genetics	4	BIO 2030 Cell Biology	4
PHYS 1500 Principles of Physics I	4	PHYS 1600 Principles of Physics II	4
Health/Physical Education Lifestyles Series	1	BMB 2650 Intro to Biochemistry Lab Techniques	1
<b>Total</b>	<b>17</b>	<b>Total</b>	<b>17</b>

**Junior Year (at Otterbein)**

Autumn Semester		Spring Semester	
Integrative Studies 2600	4	BIO 3100 Molecular Genetics	4
BMB 4500 Biochemistry I	4	BMB 4600 Biochemistry II	4
Integrative Studies Dyad	4	BMB 4610 Biochemistry II Lab	1
Behavioral Science Elective (Psych/Soc/Anthro)	4	BMB 4990 Research	4
Senior Year Experience 4900 Internship Seminar	2	Integrative Studies Dyad	4
<b>Total</b>	<b>18</b>	<b>Total</b>	<b>17</b>

**Senior Year (at OU Heritage Medical College)**

Autumn Semester		Spring Semester	
Courses at OU-HCOM		Courses at OU-HCOM	
		Total hours at Otterbein*	101-109
		Total transfer hours from OU-HCOM includes 5 credits for OU-HCOM 6000 as transfer for INST 2400 thread course, OU-HCOM 6080 for internship, and courses for electives.	19-27
		<b>Minimum hours for BA = 128</b>	<b>128</b>

**\*Credit for a Modern Language 1000 & 1100 is required. This requirement may be completed through success on a placement exam or credit for Spanish 1000 & Spanish 1100 (or equivalent) taken in a summer semester.**

*Note: May need to take additional courses to reach the required hour total depending on courses selected from above plan.*