

The following table outlines how transfer credits will be applied to the Bachelor of Science in Biological Sciences degree at Wright State University for students who completed an Associate of Science degree via the Ohio Guaranteed Biology Transfer Pathway. The OGTP designation guarantees the transfer and applicability of credits, but does not guarantee admission to a program. Some bachelor-degree granting programs may be competitive, and students should check with individual institutions for their program admission requirements.

COURSE EQUIVALENCIES FROM THE ASSOCIATE DEGREE	Course Number	Credit Hours
<b>GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER MODULE</b>		
Any OTM approved First Writing (TME001) course	ENG 1100	3
Calculus I (TMM005)	MTH 2300	4
Any OTM approved Arts and Humanities course (Recommended: History)	OTM Elective*	3
Any OTM approved Arts and Humanities course	OTM Elective*	3
Any OTM approved Social and Behavioral Sciences course [Introduction to Psychology (OSS015) recommended for pre-medicine]	PSY 1010 or OTM Elective*	3-4
Any OTM approved Social and Behavioral Sciences course [Introduction to Sociology (OSS021) recommended for pre-medicine]	SOC 2000 or OTM Elective*	3
General Chemistry I with lab (OSC008)	CHM 1210/L (under review) <sup>1</sup>	5
General Chemistry II with lab (OSC009)	CHM 1220/L	5
Any OTM approved Second Writing (TME002) course	ENG 2100	3
Up to 7 additional hours of OTM approved courses	OTM Electives*	0-7
<b>PRE-MAJOR/BEGINNING MAJOR</b>		
Biology I (OSC003)	BIO 1120	4
Biology II (OSC004)	BIO 1150	4
Calculus-based Physics I with lab (OSC016) or Algebra-based Physics I with lab (OSC014) or biology course	PHY 1110/L	5
<b>OTHER RECOMMENDATIONS</b>		
Full-Year Sequence of Organic Chemistry with lab (OSC010) [Not required but highly recommended for pre-medicine]	CHM 2110/L and CHM 2120/L	0-10
General Electives	Varies*	0-5
<b>TOTAL HOURS FROM ASSOCIATE DEGREE:</b>		<b>60-65</b>
Advising Notes: (*) Indicates that coursework will be evaluated for applicable equivalency upon transfer at the university. If a Transfer Assurance Guide (TAG) course is taken, the approved course equivalency will be awarded. <sup>1</sup> "Under review" indicates that the course does not currently carry the statewide course equivalency guarantee. However, the institution is working towards this goal and will act in good faith to ensure the appropriate equivalency is given that counts toward the degree.		

### SPECIAL NOTES

Students with plans of pursuing a pre-professional or graduate studies track in the future should work closely with their academic advisor and receiving institution starting in the first year of their program in order to adequately prepare themselves for those types of tracks. Some pre-professional degrees include pre-medicine, pre-veterinary, pre-law, and pre-dentistry.

The following additional coursework will be required to complete the Bachelor of Science in Biological Sciences degree at Wright State University after a student has completed their Associate of Science Ohio Guaranteed Biology Transfer Pathway degree. Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE		Course Number	Credit Hours
Departmental Core Requirements:	Orientation Seminar in Biological Sciences	BIO 2100	1
Departmental Core Requirements:	Principles of Molecular and Classical Genetics	BIO 2110	3
Departmental Core Requirements:	Cell Biology	BIO 2120	3
Departmental Core Requirements:	Introduction to Cell Biology Laboratory	BIO 2140	2.5
Departmental Core Requirements:	Evolution and Ecology & Laboratory	BIO 2310/L	4
Departmental Core Requirements:	Molecular Biology Laboratory	BIO 3140	3.5
Departmental Core Requirements:	Senior Capstone	BIO 4000, BIO 4020, BIO 4920, or BIO 3920	1-3
Life Sciences Electives:	Select 30 credit hours of 3000/4000 level courses	Varies	30
Related Course Requirements:	Principles of Physics II & Laboratory	PHY 1120/L	5
Related Course Requirements:	Statistical Concepts or Elementary Statistics	STT 1600 or STT 2640	4
General Electives:	General Electives	Varies	1-3
<b>REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:<sup>2</sup></b>			<b>60</b>
Advising Notes: <sup>1</sup> All College of Science and Mathematics courses must be a C or better for degree credit. <sup>2</sup> Wright State University requires a total of 120 credit hours for degree completion. The total number of hours to complete a bachelor's degree represents a range of hours that may be needed depending on the individual course selections made during the associate degree program.			

COMPLETE BACHELOR'S DEGREE	Total Credit Hours
<b>BACHELOR'S DEGREE TOTAL:</b>	<b>120</b>

SPECIAL NOTES
For more information, please contact: Dr. David Goldstein, Professor and Chair, Department of Biological Sciences david.goldstein@wright.edu (937) 775-2655 <a href="https://science-math.wright.edu/biology">https://science-math.wright.edu/biology</a>

**SAMPLE DEGREE MAP**

**THIRD YEAR**

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
BIO 2110 Principles of Molecular and Classical Genetics	3	PHY 1120/L Principles of Physics II & Lab	5
BIO 3140 Molecular Genetics Laboratory	3.5	BIO 2120 Cell Biology	3
BIO 2310/L Evolution and Ecology & Laboratory	4	BIO 2140 Introduction to Cell Biology Laboratory	2.5
STT 1600 or STT 2640 Statistical Concepts or Elementary Statistics	4	Life Science Elective 3000/4000 level	3
BIO 2100 Orientation Seminar in Biological Sciences	1	Life Science Elective 3000/4000 level	3
<b>Total Semester 5 Credit Hours</b>	<b>15.5</b>	<b>Total Semester 6 Credit Hours</b>	<b>16.5</b>

**FOURTH YEAR**

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
Life Science Elective 3000/4000 level	3	General Electives	1-3
Life Science Elective 3000/4000 level	3	Life Science Elective 3000/4000 level	3
Life Science Elective 3000/4000 level	3	Life Science Elective 3000/4000 level	3
Life Science Elective 3000/4000 level	3	Life Science Elective 3000/4000 level	3
Life Science Elective 3000/4000 level	3	BIO 4000, BIO 4020, BIO 4920, or BIO 3920 Senior Capstone	1-3
<b>Total Semester 7 Credit Hours</b>	<b>15</b>	<b>Total Semester 8 Credit Hours</b>	<b>13</b>