

Biology Curriculum

Junior Spring in Cork

Fall

Spring

First Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 150/L	General Biology for Majors	4
CHE 110/L	General Chemistry I*	4
MA 140	Pre-Calculus	3
FYS 101	First Year Seminar	3
	Open Elective	1
		15

First Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 151/L	Molecular and Cell Biology and Genetics	4
CHE 111/L	General Chemistry II	4
MA 141	Calculus I	3
EN 101	Intro to Academic Reading and Writing	3
	Open Elective	1
		15

Second Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 298	Research Methods in Biology	3
BIO 152/L	Ecological and Biological Diversity	4
CHE 210/L	Organic Chemistry I	4
EN 102	Academic Writing and Research	3
	Open Elective	1
		15

Second Year

COURSE #	COURSE DESCRIPTION	CREDITS
CHE 211/L	Organic Chemistry II	4
	Biology Elective 1	4
	Disciplinary Inquiry Elective 2	3
	Disciplinary Inquiry Elective 3	3
	Open Elective	1
		15

Third Year

COURSE #	COURSE DESCRIPTION	CREDITS
PHY 110/L	General Physics I	4
BIO 211/L	Human Anatomy & Physiology I^	4
	Disciplinary Inquiry Elective 4	3
	Personal Inquiry Elective 1	3
	Open Elective	1
		15

Third Year-CORK

COURSE #	COURSE DESCRIPTION	CREDITS
PHY 111/L	General Physics II	4
BIO 212/L	Human Anatomy & Physiology II	4
	Open Elective	3
	Open Elective	3
		14

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO EXP	Biology Experiential Learning	3
	Biology Elective 3	4
	Personal Inquiry Elective 2	3
	Personal Inquiry Elective 3	3
	Personal Inquiry Elective 4	3
		16

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
	Integrative Capstone	3
	Personal Inquiry Elective 5	3
	Personal Inquiry Elective 6	3
	Open Elective	3
	Open Elective	3
		15

120 TOTAL CREDIT HOURS

Notes:

- 1) 1 credit Open Elective options include classes in Fitness, Leisure and Wellness, music instruction and performance music ensembles.
- 2) Order of Disciplinary Inquiry, Personal Inquiry and Open Elective courses may be switched to accommodate specific student course selections
- 3) *CHE 110/L satisfies the Disciplinary Inquiry Elective in the Natural Sciences (Disciplinary Elective 1)
- 4) ^ BIO 211/L satisfies the Biology Physiology Elective requirement

Biology Curriculum

Junior Spring in Seville

Fall

Spring

First Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 150/L	General Biology for Majors	4
CHE 110/L	General Chemistry I*	4
MA 140	Pre-Calculus	3
FYS 101	First Year Seminar	3
	Open Elective	1
		15

First Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 151/L	Molecular and Cell Biology and Genetics	4
CHE 111/L	General Chemistry II	4
MA 141	Calculus I	3
EN 101	Intro to Academic Reading and Writing	3
	Open Elective	1
		15

Second Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 298	Research Methods in Biology	3
BIO 152/L	Ecological and Biological Diversity	4
CHE 210/L	Organic Chemistry I	4
EN 102	Academic Writing and Research	3
	Open Elective	1
		15

Second Year

COURSE #	COURSE DESCRIPTION	CREDITS
CHE 211/L	Organic Chemistry II	4
	Biology Elective 1	4
	Disciplinary Inquiry Elective 2	3
	Disciplinary Inquiry Elective 3	3
		14

Third Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 211/L	Human Anatomy & Physiology I [^]	4
	Disciplinary Inquiry Elective 4	3
	Personal Inquiry Elective 1	3
	Personal Inquiry Elective 2	3
	Personal Inquiry Elective 3	3
		16

Third Year-SEVILLE

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 212/L	Human Anatomy & Physiology II	4
	Open Elective	3
	Open Elective	3
	Open Elective	3
		13

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO EXP	Biology Experiential Learning	3
PHY 110/L	General Physics I	4
	Biology Elective 3	3
	Personal Inquiry Elective 4	3
	Personal Inquiry Elective 5	3
		16

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
	Integrative Capstone	3
PHY 111/L	General Physics II	4
	Personal Inquiry Elective 6	3
	Open Elective	3
	Open Elective	3
		16

120 TOTAL CREDIT HOURS

Notes:

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Biology Curriculum

Junior Spring Abroad

Fall

Spring

First Year

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BIO 150/L	General Biology for Majors	4
CHE 110/L	General Chemistry I*	4
MA 140	Pre-Calculus	3
FYS 101	First Year Seminar	3
	Open Elective	1
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First Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 151/L	Molecular and Cell Biology and Genetics	4
CHE 111/L	General Chemistry II	4
MA 141	Calculus I	3
EN 101	Intro to Academic Reading and Writing	3
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Second Year

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CHE 210/L	Organic Chemistry I	4
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Second Year

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BIO 212/L	Human Anatomy & Physiology II	4
CHE 211/L	Organic Chemistry II	4
	Disciplinary Inquiry Elective 2	3
	Disciplinary Inquiry Elective 3	3
	Open Elective	1
		15

Third Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 152/L	Ecological and Biological Diversity	4
	Biology Elective 2	3
	Disciplinary Inquiry Elective 4	3
	Personal Inquiry Elective 1	3
	Personal Inquiry Elective 2	3
		16

Third Year-ABROAD

COURSE #	COURSE DESCRIPTION	CREDITS
	Open elective	3
	Open elective	3
	Open elective	3
	Open elective	3
		12

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
PHY 110/L	General Physics I	4
	Biology Experiential Learning	3
	Biology Elective 3	3
	Personal Inquiry Elective 3	3
	Personal Inquiry Elective 4	3
		16

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
PHY 111/L	General Physics II	4
	Integrative Capstone	3
	Personal Inquiry Elective 5	3
	Personal Inquiry Elective 6	3
	Open Elective	3
		16

120 TOTAL CREDIT HOURS

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Biology Curriculum

Junior Fall Abroad

Fall

Spring

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CHE 110/L	General Chemistry I*	4
MA 140	Pre-Calculus	3
FYS 101	First Year Seminar	3
	Open Elective	1
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MA 141	Calculus I	3
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BIO 211/L	Human Anatomy & Physiology I^	4
CHE 210/L	Organic Chemistry I	4
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Second Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 212/L	Human Anatomy & Physiology II	4
CHE 211/L	Organic Chemistry II	4
	Disciplinary Inquiry Elective 2	3
	Disciplinary Inquiry Elective 3	3
	Open Elective	1
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Third Year-ABROAD

COURSE #	COURSE DESCRIPTION	CREDITS
	Open elective	3
	Open elective	3
	Open elective	3
	Open elective	3
		12

Third Year

COURSE #	COURSE DESCRIPTION	CREDITS
	Biology Elective 2	4
	Disciplinary Inquiry Elective 4	3
	Personal Inquiry Elective 1	3
	Personal Inquiry Elective 2	3
	Personal Inquiry Elective 3	3
		16

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
BIO 152/L	Ecological and Biological Diversity	4
PHY 110/L	General Physics I	4
	Biology Experiential Learning	2
	Personal Inquiry Elective 4	3
	Personal Inquiry Elective 5	3
		16

Fourth Year

COURSE #	COURSE DESCRIPTION	CREDITS
PHY 111/L	General Physics II	4
	Integrative Capstone	3
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