

Recommended Course Sequence Biology, B.S. Program

BS Biology - General Option		4-Year Plan	
Fall	Units	Units	Units
Year One -		25 units	
GE A2	3	GE A1	3
GE E: NSS 1001	3	GE A3: ENGL 1050	3
GE B2: BIOL 1100	5	BIOL 1200	5
GE C1	3	Pre-Calculus*	N
TOTAL 14		TOTAL 11	
Year Two -		31 units	
GE AM-US History	3	GE C2	3
BIOL 3600	3	CHEM 1110	5
GE B1: CHEM 1100	5	BIOL 3000	4
MATH 2045	5	BIOL 3200	3
TOTAL 16		TOTAL 15	
Year Three -		31 units	
GE AM-Government	3	GE D2	3
GE D1	3	BIOL 3500	3
BIOL 3400	3	BIOL 3900	3
CHEM 2200	4	CHEM 2201	1
MICR 3100	4	CHEM 3200	4
TOTAL 17		TOTAL 14	
Year Four -		33 units	
GE UD B	3	GE UD D	3
GE UD C	3	PHYS 1200	4
PHYS 1100	4	UD Elective 1	3
BIOL 3800	3	UD Elective 2	3
Lab Course Elective	3	UD Elective 3	4
TOTAL 16		TOTAL 17	
TOTAL UNITS 120			

BS Biology - General Option		2 Year Plan	
Fall	Units	Units	Units
Junior Year -		28 units	
BIOL 3000	4	GE UD B	3
BIOL 3200	3	BIOL 3400	3
BIOL 3600	3	BIOL 3900	3
CHEM 2200	4	CHEM 3200	4
CHEM 2201	1		
TOTAL 15		TOTAL 13	
Senior Year-		29 units	
GE UD C	3	GE UD D	3
BIOL 3500	3	UD Elective 1	3
BIOL/MICR 3100	4	UD Elective 2	3
BIOL 3800	3	UD Elective 3	4
Lab Course Elective	3		
TOTAL 16		TOTAL 13	
TOTAL UNITS 57			

Assumes that the transfer student has already completed:

- one semester of calculus (equivalent to MATH 2110 or 2045)
- one year of introductory biology (equivalent to BIOL 1100 and 1200)
- one year of general chemistry (equivalent to CHEM 1100 and 1110)
- one year of introductory physics (equivalent to PHYS 1100 and 1200)

* Elective units vary, but a total of at least 23 units must be completed in the option

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BS Biology - EEE Option		4-Year Plan	
Fall	Units	Units	Units
Year One -		25 units	
GE A2	3	GE A1	3
GE E: NSS 1001	3	GE A3: ENGL 1050	3
GE B2: BIOL 1100	5	BIOL 1200	5
GE C1	3	Pre-Calculus*	N
TOTAL 14		TOTAL 11	
Year Two -		31 units	
GE AM-US History	3	GE C2	3
BIOL 3600	3	CHEM 1110	5
GE B1: CHEM 1100	5	BIOL 3000	4
MATH 2045	5	BIOL 3200	3
TOTAL 16		TOTAL 15	
Year Three -		30 units	
GE AM-Government	3	GE D1	3
BIOL 3400	3	GE D2	3
CHEM 2200	4	GE UD B	3
CHEM 2201	1	BIOL 3500	3
Organismal Elective	3	CHEM 3200	4
TOTAL 14		TOTAL 16	
Year Four -		34 units	
GE UD C	3	GE UD D	3
PHYS 1100	4	PHYS 1200	4
BIOL 3800	3	Ecology Elective	3
BIOL 3801	1	Evolution Elective	2
Quantitative/Comput. Elective	3	UD Elective 2	4
UD Elective 1	4		
TOTAL 18		TOTAL 16	
TOTAL UNITS 120			

BS Biology - EEE Option		2 Year Plan	
Fall	Units	Units	Units
Junior Year -		31 units	
BIOL 3000	4	GE UD B	3
BIOL 3200	3	BIOL 3400	3
BIOL 3600	3	CHEM 3200	4
CHEM 2200	4	Organismal Elective	3
CHEM 2201	1	Quantitative/Comput. Elective	3
TOTAL 15		TOTAL 16	
Senior Year-		26 units	
GE UD C	3	Ecology Elective	3
GE UD D	3	Evolution Elective	2
BIOL 3500	3	UD Elective 1	4
BIOL 3800	3	UD Elective 2	4
BIOL 3801	1		
TOTAL 13		TOTAL 13	
TOTAL UNITS 57			

Assumes that the transfer student has already completed:

- one semester of calculus (equivalent to MATH 2110 or 2045)
- one year of introductory biology (equivalent to BIOL 1100 and 1200)
- one year of general chemistry (equivalent to CHEM 1100 and 1110)
- one year of introductory physics (equivalent to PHYS 1100 and 1200)

* Elective units vary, but a total of at least 23 units must be completed in the option

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BS Biology - Microbiology Option		4-Year Plan	
Fall	Units	Units	Units
Year One -		25 units	
GE A2	3	GE A1	3
GE E: NSS 1001	3	GE A3: ENGL 1050	3
GE B2: BIOL 1100	5	BIOL 1200	5
GE C1	3	Pre-Calculus*	N
TOTAL 14		TOTAL 11	
Year Two -		31 units	
GE AM-US History	3	GE C2	3
BIOL 3600	3	CHEM 1110	5
GE B1: CHEM 1100	5	BIOL 3000	4
MATH 2045	5	BIOL 3200	3
TOTAL 16		TOTAL 15	
Year Three -		31 units	
GE AM-Government	3	GE D1	3
BIOL/MICR 3100	4	GE D2	3
BIOL 3400	3	CHEM 3200	4
CHEM 2200	4	MICR 3900	3
CHEM 2201	1	Microbiology Elective 1	3
TOTAL 15		TOTAL 16	
Year Four -		33 units	
GE UD B	3	GE UD D	3
PHYS 1100	4	GE UD C	3
BIOL 3500	3	PHYS 1200	4
MICR 3300	3	MICR 3500	3
MICR 3700	4	Microbiology Elective 2	3
TOTAL 17		TOTAL 16	
TOTAL UNITS 120			

BS Biology - Microbiology Option		2 Year Plan	
Fall	Units	Units	Units
Junior Year -		32 units	
BIOL 3000	4	GE UD B	3
BIOL/MICR 3100	4	BIOL 3200	3
BIOL 3600	3	BIOL 3400	3
CHEM 2200	4	MICR 3900	3
CHEM 2201	1	CHEM 3200	4
TOTAL 16		TOTAL 16	
Senior Year-		25 units	
GE UD C	3	GE UD D	3
BIOL 3500	3	MICR 3500	3
MICR 3300	3	UD Elective 1	3
MICR 3700	4	UD Elective 2	3
TOTAL 13		TOTAL 12	
TOTAL UNITS 57			

Assumes that the transfer student has already completed:

- one semester of calculus (equivalent to MATH 2110 or 2045)
- one year of introductory biology (equivalent to BIOL 1100 and 1200)
- one year of general chemistry (equivalent to CHEM 1100 and 1110)
- one year of introductory physics (equivalent to PHYS 1100 and 1200)

* Elective units vary, but a total of at least 23 units must be completed in the option

Recommended Course Sequence Biology, B.S. Program

BS Biology - MCD Option		4-Year Plan	
Fall	Units	Units	Units
Year One -		25 units	
GE A2	3	GE A1	3
GE E: NSS 1001	3	GE A3: ENGL 1050	3
GE B2: BIOL 1100	5	BIOL 1200	5
GE C1	3	Pre-Calculus*	N
TOTAL 14		TOTAL 11	
Year Two -		31 units	
GE AM-US History	3	GE C2	3
BIOL 3600	3	CHEM 1110	5
GE B1: CHEM 1100	5	BIOL 3000	4
MATH 2045	5	BIOL 3200	3
TOTAL 16		TOTAL 15	
Year Three -		32 units	
GE AM-Government	3	GE D2	3
GE D1	3	BIOL 3401	2
BIOL 3400	3	BIOL 3900	3
CHEM 2200	4	CHEM 3200	4
CHEM 2201	1	MCD Lab Elective 2	3
MCD Lab Elective 1	3		
TOTAL 17		TOTAL 15	
Year Four -		32 units	
GE UD B	3	GE UD C	3
PHYS 1100	4	GE UD D	3
BIOL 3500	3	PHYS 1200	4
BIOL 4000	3	UD Elective 2	3
UD Elective 1	3	UD Elective 3	3
TOTAL 16		TOTAL 16	
TOTAL UNITS 120			

BS Biology - MCD Option		2 Year Plan	
Fall	Units	Units	Units
Junior Year -		30 units	
BIOL 3000	4	GE UD B	3
BIOL 3200	3	BIOL 3400	3
BIOL 3600	3	BIOL 3401	2
CHEM 2200	4	BIOL 3900	3
CHEM 2201	1	CHEM 3200	4
TOTAL 15		TOTAL 15	
Senior Year-		27 units	
GE UD C	3	GE UD D	3
BIOL 3500	3	MCD Lab Elective 2	3
BIOL 4000	3	UD Elective 2	3
MCD Lab Elective 1	3	UD Elective 3	3
UD Elective 1	3		
TOTAL 15		TOTAL 12	
TOTAL UNITS 57			

Assumes that the transfer student has already completed:

- one semester of calculus (equivalent to MATH 2110 or 2045)
- one year of introductory biology (equivalent to BIOL 1100 and 1200)
- one year of general chemistry (equivalent to CHEM 1100 and 1110)
- one year of introductory physics (equivalent to PHYS 1100 and 1200)

* Elective units vary, but a total of at least 23 units must be completed in the option

Recommended Course Sequence Biology, B.S. Program

BS Biology - Physiology Option		4-Year Plan	
Fall	Units	Units	Units
Year One -		25 units	
GE A2	3	GE A1	3
GE E: NSS 1001	3	GE A3: ENGL 1050	3
GE B2: BIOL 1100	5	BIOL 1200	5
GE C1	3	Pre-Calculus*	N
TOTAL 14		TOTAL 11	
Year Two -		31 units	
GE AM-US History	3	GE C2	3
BIOL 3600	3	CHEM 1110	5
GE B1: CHEM 1100	5	BIOL 3000	4
MATH 2045	5	BIOL 3200	3
TOTAL 16		TOTAL 15	
Year Three -		30 units	
GE AM-Government	3	GE D2	3
GE D1	3	BIOL 3500	3
BIOL 3400	3	BIOL 3900	3
CHEM 2200	4	BIOL 4280	3
CHEM 2201	1	CHEM 3200	4
TOTAL 14		TOTAL 16	
Year Four -		34 units	
GE UD B	3	GE UD D	3
GE UD C	3	PHYS 1200	4
PHYS 1100	4	Lab course Elective	4
BIOL 4330	3	UD Elective 2	3
UD Elective 1	4	UD Elective 3	3
TOTAL 17		TOTAL 17	
TOTAL UNITS 120			

BS Biology - Physiology Option		2 Year Plan	
Fall	Units	Units	Units
Junior Year -		28 units	
BIOL 3000	4	GE UD B	3
BIOL 3200	3	BIOL 3400	3
BIOL 3600	3	BIOL 4280	3
CHEM 2200	4	CHEM 3200	4
CHEM 2201	1		
TOTAL 15		TOTAL 13	
Senior Year-		29 units	
GE UD C	3	GE UD D	3
BIOL 3500	3	Lab course Elective	4
BIOL 3900	3	UD Elective 2	3
BIOL 4330	3	UD Elective 3	3
UD Elective 1	4		
TOTAL 16		TOTAL 13	
TOTAL UNITS 57			

Assumes that the transfer student has already completed:

- one semester of calculus (equivalent to MATH 2110 or 2045)
- one year of introductory biology (equivalent to BIOL 1100 and 1200)
- one year of general chemistry (equivalent to CHEM 1100 and 1110)
- one year of introductory physics (equivalent to PHYS 1100 and 1200)

* Elective units vary, but a total of at least 23 units must be completed in the option