

Major: Biological Sciences  
College: The Charles E. Schmidt College of Science  
Degree: Bachelor of Science  
Option/Tracks:

Limited Access Program: No

(Intended primarily for students planning to be professional biologists in industry or government service, for students planning for graduate work in the Biological Sciences and for students planning careers in Medicine and dentistry.)

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### PROGRAM OF STUDY AT THE COMMUNITY COLLEGE

Complete the A.A. degree at the community college. Some courses required for the major may also meet the General Education Requirements thereby transferring maximum hours to the university.

If you transfer without an A.A. degree and have less than 60 semester hours of acceptable credit, you must meet the university's entering freshman requirements including the ACT or SAT test scores and GPA.

Students are encouraged to complete the following required prerequisites during the program of study at the community college:

(S) General Biology I with Laboratory	(BSC 1010L)	4
(S) General Biology II with Laboratory	(BSC 1011L)	4
(S) General Chemistry I w/lab	(CHM 1045L)	4
(S) General Chemistry II w/lab	(CHM 1046L)	4
(S) Organic Chemistry I	(CHM 2210)	4
(S) Organic Chemistry II w/lab	(CHM 2210)	4
(S) General Physics w/lab	(PHY x053/L & x054/L)	8 or
(S) College Physics w/lab	(PHY 2048/L & 2049/L)	8
(S) Survey of Calculus (MAC 2233)		3
(S) Single Foreign Language or proficiency (American Sign Language is not accepted)		varies

(S) = It is suggested that the student take this course at the community college. If not, the student can complete this at the University.

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### ADMISSION REQUIREMENTS TO THE UNIVERSITY PROGRAM OF STUDY

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university.

### PROGRAM OF STUDY AT THE UNIVERSITY

It is recommended that you take an unofficial transcript and college catalog of all institutions attended to your advising sessions.

#### FAU Program (Semester Hours)

Students seeking a Bachelor of Science degree in Biological Sciences must complete the following degree requirements:

#### Tier 1 (Core Curriculum – 53 Credits)

Biochemistry I	BCH 3033	3
Biological Principles & Lab	BSC 1010 & L	4
Biodiversity & Lab	BSC 1011 & L	4
General Chemistry I & Lab	CHM 2045 & L	4
General Chemistry II & Lab	CHM 2046 & L	4
Organic Chemistry I	CHM 2210	3
Organic Chemistry II	CHM 2211	3

Organic Chemistry Lab	CHM 2211L	2
Methods of Calculus	MAC 2233	3 or
Calculus w/ Anal Geometry	MAC 2311	4
Genetics	PCB 3063	4
Molecular & Cell Biology	PCB 4023	3
Principles of Ecology	PCB 4043	3
College Physics I	PHY 2053	4 or
General Physics I	PHY 2048	4
College Physics II	PHY 2054	4 or
General Physics II	PHY 2049	4
General Physics Lab I	PHY 2048L	1
General Physics Lab II	PHY 2049L	1
Exp. Design & Stat Infer.	PSY 3234	3

**Tier II (Select 27 credits from Tier II and III; minimum of 12 credits from Tier II)**

Biochemistry II	BCH 3034	3
Biochemistry Lab	BCH 3103L	3
Plant Physiology & Lab	BOT 4503 & L	4
Vascular Plant Anatomy & Lab	BOT 3223 & L	4
Marine Botany & Lab	BOT 4404 & L	4
Biotechnology Lab I	BSC 4403L	2
Biotechnology Lab II	BSC 4427L	2
General Microbiology & Lab	MCB 3023 & L	4
Marine Biology & Lab	OCB 4043 & L	4
Evolution	PCB 4674	3
Comparative Vert. Morph. & Lab	ZOO 4690 & L	5 or
Human Morph & Func I & Lab	PCB 3703 & L	4
Comp. Animal Physiology. & Lab	PCB 4723 & L	4 or
Human Morph & Func II & Lab	PCB 3704 & L	4 or
Funct Biol Marine Ani & Lab	OCB 4525 & L	5
Invertebrate Zoology & Lab	ZOO 2203 & L	5

**Tier III (Additional Elective courses)**

Advanced Biochem & Lab	BCH 4035 & L	6
Biology of Cancer	BSC 4806	3
Directed Independent Study	BSC 4905	1-3
Honors Thesis I	BSC 4917	3
Honors Thesis II	BSC 4918	3
Medical Bacteriology	MCB 4203	3
Virology	MCB 4503	3
Microbial Ecology	MCB 4603	3
Immunology	PCB 4233	3
Reproductive Endocrinology	PCB 4803	3

Electives:

Approved electives to complete a total of 120 credits including 8 credits of a single Foreign Language if not completed at the lower division. American Sign Language is not accepted to meet the Foreign Language graduation requirement. Students must complete a minimum of 45 credits at the Upper Division level.

**TOTAL FAU SEMESTER HOURS**

**60**

**Please visit the academic advising department.**

Please check out The Charles E. Schmidt College of Science home page on the World Wide Web at <http://www.science.fau.edu> and the FAU home page at <http://www.fau.edu>