BIOINFORMATICS MINOR UF ONLINE

This minor provides solid exposure to bioinformatics with an emphasis on microbes. With the avalanche of genomic information available, bioinformatics skills are necessary to mine and analyze genomic data.

About this Program

- **College:** Agricultural and Life Sciences (https://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/)
- **Credits:** 15-16 | Completed with minimum grades of C
- **Contact:** 1.855.99GATOR
  More Info

Department Information

The Department of Microbiology & Cell Science is committed to excellence in education, research and service to the community. The curriculum provides an excellent preparation for students who wish to enter the workforce or continue their education in professional programs such as medical, dental, pharmacy, veterinary programs, graduate school, or public health degrees. BS degrees are offered through both the College of Agricultural and Life Sciences and the College of Liberal Arts and Sciences and the MS and PhD degrees are offered through the College of Agricultural and Life Sciences. Combination degrees are available.
Website (http://microcell.ufl.edu/)

CONTACT

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MICROBIOLOGY AND CELL SCIENCE BUILDING (MCSB)
GAINESVILLE FL 32611-0700
Map (http://campusmap.ufl.edu/#/index/0981)

Curriculum

- Bioinformatics Minor UF Online
- Combination Degrees
- Microbiology and Cell Science UF Online
- Microbiology and Cell Science | CALS
- Microbiology and Cell Science | CLAS
- Pathogenesis Minor
- Pathogenesis Minor UF Online

This minor is open to all students who have a science background and who meet course prerequisites.

It is particularly appropriate for students majoring in biology, mathematics, microbiology and cell science, statistics and zoology, and for students who are interested in professional programs in dentistry, medicine and pharmacy.

Microbiology and cell science majors should meet with their academic advisors before applying to this minor to plan a program of study. No more than three credits of the required courses below and 3-4 credits of the electives below can count toward both the major and the minor.

There are 12 required credits, consisting of three courses and a capstone independent study course, and one 3 or 4 credit elective.

REQUIRED COURSES

Code	Title	Credits
BSC 2891	Python Programming for Biology (Spring only)	3
BSC 4434C	Introduction to Bioinformatics (Fall only)	3
BSC 4913	Independent Research in Bioinformatics	3
MCB 4320C	The Microbiome (Spring only)	3
Approved elective		3-4
Total Credits		**15-16**

APPROVED ELECTIVES

Code	Title	Credits
BSC 4914	Advanced Independent Research in Bioinformatics	3
MCB 4934	Special Topics in Microbiology and Cell Science (Advanced Bioinformatics; Spring only)	4
PCB 3063	Genetics	4