



THIS IS BIOLOGY MAJOR ADVISING FOR SECOND-YEAR STUDENTS WHO ENTERED IN FALL 2017. TO RELEASE YOUR REGISTRATION HOLD FOR SPRING 2019 CLASSES, YOU WILL NEED TO:

- COMPLETE THE WORKSHEET TODAY,
- AND HAVE IT ACCEPTED BY THE FACULTY ADVISOR LEADING THIS SESSION

NOTES:

- THERE IS NO REGISTRATION HOLD FOR BIO MAJORS FOR WINTER 2019 CLASSES.
- CHANGING YOUR MAJOR? INSTRUCTIONS ARE AT THE FRONT.

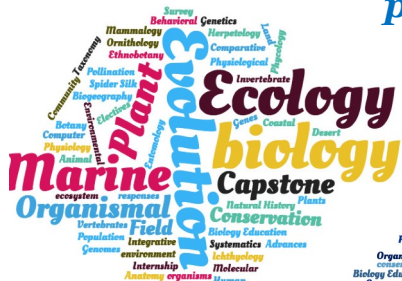
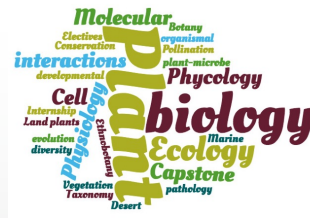
## WHAT CAN I DO WITH MY BIOLOGY DEGREE?



- BIOLOGY DEGREE CONCENTRATION CHOICES
- ACADEMIC PREPARATION FOR YOUR CAREER
- PREVIEW ADVISING NEXT TERM
- TODAY'S ADVISING WORKSHEET
- TIME FOR INFORMAL QUESTIONS



**Upper-division concentrations**  
 Follow your curiosity!  
 Explore your passions!



Survey Behavioral Genetics  
 Mammalogy Ornithology Ethnobotany  
 Community Taxonomy  
 Botany Computer Physiology Animal  
 Pollination Spider Silk Biogeography Electives  
 Environmental  
 Invertebrate  
 Genes Coastal Desert  
**Evolution**  
**Ecology**  
**Plant**  
**biology**  
**Marine**  
 ecosystem responses  
 Natural History Plants  
**Conservation**  
 Vertebrates Field  
 Population Integrative  
 Genomes environment  
 Internship  
 Anatomy organisms Human  
**Capstone**

Phycology Advances physiology Biogeography  
 Organismal conservation  
 Biology Education Conservation  
 Seminar  
**Laboratory**  
**Ecology**  
 environmental organisms  
 oceanic structure/function  
**habitats**  
 Ichthyology coastal  
**Marine**  
 Field ecology  
**Capstone**  
 Invertebrate  
 Coastal Internship marine

infectious bioremediation Bioinformatics  
 Stem Cell Internship Evolutionary  
 Developmental  
 diseases Genes  
 Genomes Microbial Physiology agriculture  
 Education Seminars  
 Computer Plant  
 Electives Plant Cell  
**Advances**  
**Molecular**  
**Biotechnology**  
 Molecular Systematics  
**Microbiology**  
 cancer  
**Genetics**  
**Chemistry**  
**Virology**  
 applications gene therapy medicine  
**Laboratory**  
**Gene Manipulation**  
**Capstone**  
 crop improvement  
 Public Health environment

Molecular Botany organismal  
 Electives Conservation Pollination  
 plant-microbe  
**interactions**  
 developmental  
**Phycology**  
**Cell**  
 Internship Land plants  
 evolution diversity  
**Plant**  
**biology**  
 Marine  
**Ecology**  
**Capstone**  
 pathology  
 Vegetation Taxonomy Desert  
 Physiology Ethnobotany

# How is your GPA doing?

Goal	Medical School	Professional programs	Workforce
GPA	>3.7	>3.0	>2.0
Grade forgiveness	Not acceptable	Maybe OK	Not a problem
Knowledge	MCAT prep	Specific sector	Basic understanding
Research	Required?	PhD - Much needed PharmD – no Internships	Some experience needed
Recommendation letters	4 required	2 good letters	?
Awards	Helpful	Helpful	?
Extracurricular	Very High	No	?

If GPA <2.0 cannot graduate with a Biology degree!

# How can I get good grades?

## Seek help!

Office hours:

- Instructors encourage visits!

Free tutoring:

- **Opportunity Center** for Science and Math Students (MH-488)  
<http://www.fullerton.edu/it/students/computerlabs/opportunity-center.php>
- **University Learning Center** (PLN 2<sup>nd</sup> floor)  
<http://www.fullerton.edu/ulc/>
- **Supplemental Instruction (SI)**
- **Math tutoring center** (MH-553)
- **Physics tutoring center** (MH-600)  
[http://www.fullerton.edu/learningassistance/tutoring\\_centers/math.php](http://www.fullerton.edu/learningassistance/tutoring_centers/math.php)



# Repeating Courses – University policy:

- ONLY
  - 16 units grade forgiveness
  - 12 units grade averaging
- For a single course, you can repeat it twice (3 times total)
- If you reach these limits:
  - Lower-division courses must be re-taken at a community college
  - Petition required to repeat a course at CSUF
  - Changing majors may be the best option
- A failed course will remain on your transcript!



# Oops, I'm not going to pass one of my classes this semester...

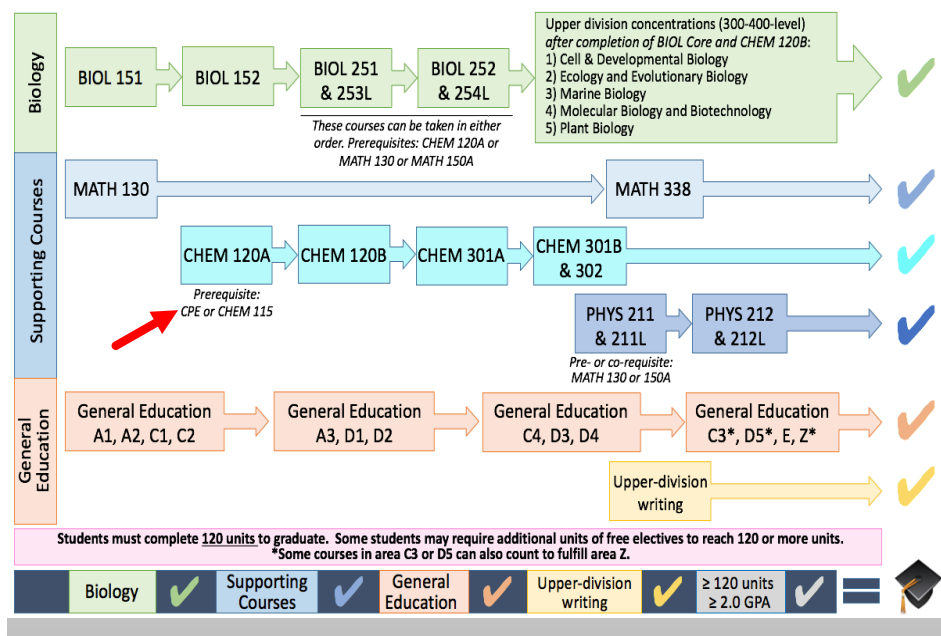
- For all Biology and Supporting Courses, you need a C or higher to pass.
- If you do not pass a class:
  - Consider WHY you did not pass.
    - What can you do differently?
  - Try to retake it next semester
    - This should be an *UNUSUAL EVENT!*
    - Note that retaking classes uses up "repetition of course" units
    - Understand the University policies before you start using the repetition units!
  - Make an appointment and get help!
    - **Sam Barrozo, NSM Retention Specialist, MH-488, [sbarrozo@fullerton.edu](mailto:sbarrozo@fullerton.edu)**



Sam Barrozo, NSM Retention Specialist







## CHEMISTRY PLACEMENT EXAM (CPE)

**This exam will tell you which Chemistry course to take.**

- You need to take this exam to register for Chem 120A.
- You can register for Chem 115 (the prerequisite for Chem 120A) without taking the exam.

**Testing Center:** <http://www.fullerton.edu/testing> or go to UH-229

Test Date

Saturday, Dec 8, 2018

Registration Deadline Date

Wednesday, Nov 28, 2018

**Department of Chemistry and Biochemistry:**

These dates are offered for CNSM majors. Pre-registration required at [https://docs.google.com/forms/d/e/1FAIpQLScnMUyjFW656De4oFBZs9i6np8xIK37QS8cRadUMu56uCJp2w/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLScnMUyjFW656De4oFBZs9i6np8xIK37QS8cRadUMu56uCJp2w/viewform?usp=pp_url)

Test Date

Friday, Dec 14, 2018, 1pm

Friday, Jan 11, 2019, 1pm

## HOW MANY UNITS SHOULD I TAKE NEXT SEMESTER?

Hours for work/family/commuting per week	Units to Take
0-9	14-16
10-19	13-14
20-29	9-12
30-40	6-9

## RESEARCH-RELATED PROGRAMS AT CSUF

- RESEARCH CAREERS PREPARATORY PROGRAM (RCP) - <HTTP://BIOLOGY.FULLERTON.EDU/RCP/> Apply in 1<sup>st</sup> and 2<sup>nd</sup> year
- MAXIMIZING ACCESS TO RESEARCH CAREERS (MARC) - <HTTP://MARC.FULLERTON.EDU/> Apply two years before graduation
- SOUTHERN CALIFORNIA ECOSYSTEMS RESEARCH PROGRAM (SCERP) - <HTTP://BIOLOGY.FULLERTON.EDU/SCERP/> Apply any level
- BRIDGES TO STEM CELL RESEARCH (BSCR) – <HTTP://BIOLOGY.FULLERTON.EDU/STEMCELLS/> Apply during bio upper division
- MINORITY HEALTH & HEALTH DISPARITIES INTERNATIONAL RESEARCH TRAINING (MHIRT) - <HTTP://BIOLOGY.FULLERTON.EDU/MTOLMASKY/MHIRT%20WEBSITE/> Apply after two years

## HEALTH PROFESSIONS ADVISING OFFICE

FUTURE CAREERS IN: MEDICINE (M.D. OR D.O.), DENTISTRY, OPTOMETRY, PHARMACY, PHYSICIAN ASSISTANT, PODIATRY, AND VETERINARY.

### ADVICE FROM DR MOUTTAPA:

#### • GET INVOLVED THIS YEAR!

- JOIN A STUDENT ORGANIZATION, VOLUNTEER, START AN INTERNSHIP
- GAIN EXPERIENCE, NETWORK AND EXPLORE YOUR OPTIONS

#### • MAKE AN APPOINTMENT NOW!

- DON'T WAIT UNTIL YOU ARE A JUNIOR OR SENIOR
- TO SCHEDULE AN APPOINTMENT:

[HTTP://WWW.FULLERTON.EDU/HEALTHPROFESSIONS/](http://www.fullerton.edu/healthprofessions/)



Dr. Michele Mouttapa  
HP Advisor

## CSUF Career Center

Find a job or internship, get help with your resume or CV, prepare for interviews, explore career options

### Advice from the Career Center:

#### • Get Involved!

- ✓ Join a student organization, volunteer, start an internship

Chanda Ishisaka, M.Ed.  
LH 208  
657-278-2020  
[cishisaka@fullerton.edu](mailto:cishisaka@fullerton.edu)

#### • Explore your Options!

- ✓ Attend "day in the life" events to meet people in your future profession
- ✓ Attend workshops on resumes, advising, and much more...
- ✓ For a listing of events:

[www.fullerton.edu/career](http://www.fullerton.edu/career)

## CHANGING YOUR MAJOR?

IF YOU ARE CHANGING MAJOR FROM BIOLOGICAL SCIENCE, PLEASE CONSIDER YOUR CHANGE OF MAJOR SELECTION CAREFULLY. BE AWARE THAT, IF YOU WISH TO SWITCH BACK TO BIOLOGICAL SCIENCE IN THE NEAR FUTURE, IT MAY NOT BE POSSIBLE DUE TO THE LARGE NUMBER OF MAJORS WE CURRENTLY HAVE.

FOLLOW STEPS IN EXACT ORDER:

1. IF HAVE NOT ALREADY DONE SO, OBTAIN APPROVAL (SIGNATURE AND DEPARTMENT STAMP) FROM NEW MAJOR.
2. AFTER YOU HAVE OBTAINED SIGNATURES AND DEPARTMENT STAMPS FROM BOTH DEPARTMENTS, BRING TO ADMISSIONS & RECORDS, LH144.
3. PAY FEE AT CASHIERS AND OBTAIN A RECEIPT SHOWING PAYMENT.
4. IF YOU STILL HAVE A BIOLOGY ADVISING HOLD, IN ORDER TO REMOVE THIS HOLD, YOU MUST BRING THIS RECEIPT TO THE BIOLOGICAL SCIENCE DEPARTMENT OFFICE, MH282, TO SHOW THAT YOU HAVE COMPLETED THE PROCESS.