What will you do with your biology degree? Ask the students next to you.

- Dentist
- Conservation Biologist
- Illustrator
- Teacher
- Professor
- Physician’s Assistant
- Politician
- Bioinformatician
- Research Scientist
- Forensics Scientist
- Doctor
- Nurse
- Genetic Counselor
- Science Writer
This is **Core 1 advising** for biology majors. Your attendance at this session will allow your Biology hold to be released ONLY if you received an email from Bioladvising to attend **Core 1 advising**.

**Notes:**
- There is no Biology hold on Winter 2020 session registration.
- Changing majors? See advisor up front for information.
Core 1 Advising-Today’s schedule

- Survey (part 1)
- Careers and professional/graduate schools
- Grades/ recovering from a C- or lower grade in a majors course
- What classes to take next semester
- Survey (part 2)
- Time for questions
It’s never too soon to start planning your future!

Career Planning

Know Your Values

Link Your Major & Your Career

Learn About Yourself

Research Career Options

Identify Your Skills
Health Professions Advising Office

Future Careers in: Medicine (M.D. or D.O.), Dentistry, Optometry, Pharmacy, Physician Assistant, Podiatry, Veterinary, as well as Allied Health Professions (ex. physical therapy, speech language pathology).

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/

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

• 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

NSM Career Specialist
Chanda Ishisaka
657-278-2020
Are you interested in teaching?

CSUF has credential programs for Elementary Level Teaching (K-6), Middle-School Teaching (6-9) and High School Teaching (9-12)

Start NOW!
✓ Get involved
✓ Get experience
✓ Get prepared

Make an appointment:
Dr. Megan Tommerup
mtommerup@fullerton.edu

Science Education Coordinator for Biology.
Planning for Graduate or Professional School

• Get Involved!
  – For a list of CSUF student clubs and organizations, visit:
    • https://fullerton.campuslabs.com/engage/organizations
  – Volunteer and shadow professionals in your field of interest
  – Get research experience
    • https://www.fullerton.edu/biology/people/index.php
    • http://www.fullerton.edu/biology/undergrad/research.php

• Prepare!
  – Prerequisite Courses
  – Entrance Exams
Your GPA matters for your career path

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

If GPA <2.0 cannot graduate with a Biology degree!
GPA Calculator

http://www.fullerton.edu/aac/resources/gpa_calculator.php

• If you have completed 30 units and your current GPA is 2.0, can you finish your degree with a GPA of 3.5? (units required to graduate are 120 units)

• What will your GPA be at the end of this semester?
How can I earn good grades?

Show up!

- Attend class and read the textbook

Seek help!

- Office Hours, SI, NSM Student Success Center, University Learning Center

Put in the time!

- 3 hours per unit of class → 12 hours of study per week for a 4-unit class like BIOL 151/152!

Master study skills!

Manage your time!
How can I earn good grades?

Manage your time

With 4 Academic Classes:

School: 14 units + 42 hrs study = 56 hours/week

Commitments: 25 hours/week

Sleep: 8 hours/night = 56 hours/week

Social Life: 21 hours/week

Routine: 15 + 5 commute hours = 20 hours/week

Total: 178 hours/week

There are 168 hours total in a week
For all Biology and Supporting Courses, you need a C or higher to advance to the next course

- If you did not get a C or higher:
  
  - Consider WHY
    - 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 use of your resources
    - Instructor office hours, the NSM Student Success Center, SI, CAPS, Academic Advisement Center!
Repeating Courses – University policy:

- ONLY
  - 16 units grade forgiveness
  - 12 units grade averaging
- For a single course, you can repeat it twice (you can take a class 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!
How many units should I take next semester?

<table>
<thead>
<tr>
<th>Hours for works/family/commuting per week</th>
<th>Units to Take</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9</td>
<td>14-16</td>
</tr>
<tr>
<td>10-19</td>
<td>13-14</td>
</tr>
<tr>
<td>20-29</td>
<td>9-12</td>
</tr>
<tr>
<td>30-40</td>
<td>6-9</td>
</tr>
</tbody>
</table>
Advising worksheet: Catalog year

• Occasionally, graduation requirements are changed. Students who started in Fall 2018 have different requirements than those who started in Fall 2019 (and both are different from those who started Fall 2017 and earlier).

• Your catalog year is when you started at CSUF and determines your graduation requirements.

• Catalog year is in the upper right corner of your TDA.

Know your catalog year like your CWID! Don’t assume a fellow student’s advice applies to you unless you’ve compared catalog years.
Students must complete **120 units** to graduate. Some students may require additional units of free electives to reach 120 or more units.

*Some courses in area C, D1, or D4 can also count to fulfill area Z.*
Chemistry placement exam (CPE)

This exam will tell you which Chemistry course to take.
  o Pass this exam to register for Chem 120A, or,
  o You can register for Chem 115 (also serves as a prerequisite for Chem 120A) without taking the exam.

University Testing Center: pre-registration required at GH-143 or 657-278-2288

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Registration Deadline Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, Dec 7, 2019</td>
<td>Wednesday, Nov 27, 2019</td>
</tr>
</tbody>
</table>

Department of Chemistry and Biochemistry:
  pre-registration required on the Chemistry Department website (under: Students>Chemistry Placement Exam)

<table>
<thead>
<tr>
<th>Test Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, Nov 8, 2019, 1pm</td>
</tr>
<tr>
<td>Friday, Dec 13, 2019, 1pm</td>
</tr>
</tbody>
</table>
What classes to take next semester? the Advising Worksheet

1. Your catalog year can be found at the top of your TDA

2. Cross out the courses you’ve taken and circle the courses you’re currently in:

3. Plan the next two semesters

Planning (for BIOL and supporting courses)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Spring 2020</th>
<th>Fall 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supporting course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Summer (limited course offerings):

You can skip the concentration choice; that will be made in your last 200-level core course

4. Fill in the bottom section

If this is your first semester at college, you can skip the “current GPA” question.

Reminder: Use the QR code to access information from this presentation and get a Biology Student Handbook!
Final Thoughts

• There will be mandatory Advising next semester also. Check your CSUF email in March.

• Holds will be released within a few days. Your registration window for Spring 2020 is shown in your portal.

• Please hand in the WHITE copy of the form to the Adviser for your hold to be removed!