Conference Objectives

- Career and Professional School Review
- Review Biology Degree Plan Options
- Core Curriculum
- Department Grade Requirements
- Scheduling and Registration
- Announcements
Undergraduate Programs Office Staff
Office: 107 Butler Hall

Christine Farris-Director
cfarris@bio.tamu.edu

Vanessa Nordell-Senior Advisor
vnordell@bio.tamu.edu

Clint Crampton-Senior Advisor
ccrampton@bio.tamu.edu

Tara Hardin-Advisor
thardin@bio.tamu.edu

Victor Castillo-Advisor
vcastillo@bio.tamu.edu

Crystal Wager-Office Associate
cwager@bio.tamu.edu
LIFE SCIENCES CAREER SERVICES

Career Advising

Workshops Specifically Targeted to Life Sciences Majors (including Resume Writing and Job Search Strategies)

On-Campus Interviewing

Science Careers Listserv

Website (with specific information about finding employment with a science degree)

Resume Review

Special Events (including Biotechnology and Pharmaceutical Sales Panel Discussions)

Life Sciences Career Fair
LIFE SCIENCES CAREER SERVICES

Marilyn Yeager
Coordinator, Life Sciences Career Services

Koldus Building, Suite 209
(979) 458-1303
myeager@tamu.edu

http://careercenter.tamu.edu
Office of Professional School Advising

Advising for Medical School, Dental School, Allied Health Programs, and Veterinary School

Koldus Building, Suite 209
(979) 847-8938

http://opsa.tamu.edu
BIOLOGY MAJORS

*All Biology Degrees are 120 credit hours*

First two years common science requirements in all degree plans.

B.A. Biology  Similar to B.S. Biology; Mandatory Minor (list included in your packet)

B.S. Biology  General Biology Degree. Biology electives can be freely chosen from an approved list.

B.S. Microbiology  Focused on prokaryotic biology including bacterial genetics and bacterial physiology.

B.S. Molecular Cell  Directed electives are focused on cell, molecular and developmental biology.

B.S. Zoology  Focuses on chordate and invertebrate anatomy along with physiology and other zoology directed electives.
FOUNDATION COURSE COMPLETION TIMELINE

Transfer students are expected to complete the following list of courses within one year of transferring:

- CHEM227/237
- CHEM228/238
- BIOL213
- BIOL214
- MATH147(151)
- MATH148(152)
Undergraduate Research

Texas A&M is a Tier 1 research university, which means research leading to new knowledge is a critical part of A&M’s mission. All students are encouraged to take advantage of this rich research environment by engaging in independent research.

Why participate in undergraduate research?

1. Be the first person to discover something!
2. Reinforce and apply concepts learned in the classroom.
3. Gain technical and critical thinking skills.
4. Work closely with faculty and other researchers. These are the people who can provide career advice as well as strong letters of recommendation.

Research can be incorporated into your degree plan, and early involvement is encouraged. For more information, go to Biology’s homepage (www.bio.tamu.edu) and follow the link under the Research tab. You can also see the results of students’ research in the posters along the wall of third floor Heldenfels.
UNIVERSITY CORE CURRICULUM

All students at Texas A&M University must complete the core curriculum and other University requirements. For a complete list of courses used to satisfy the specific areas, please refer to http://core.tamu.edu.

Foundational component areas and required credit hours

The table below contains information about the number of credit hours for each foundational component area students are required to complete in order to meet the university’s core curriculum requirements.

<table>
<thead>
<tr>
<th>Foundation Component Area</th>
<th>SCH (Credit Hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>6</td>
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<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>Life and Physical Sciences</td>
<td>9</td>
</tr>
<tr>
<td>Language, Philosophy, &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td>Creative Arts</td>
<td>3</td>
</tr>
<tr>
<td>American History</td>
<td>6</td>
</tr>
<tr>
<td>Government/Political Science</td>
<td>6</td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td>3</td>
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</table>
OTHER IMPORTANT DEGREE REQUIREMENTS

- **RESIDENCE REQUIREMENT**
  A minimum of 36 hours of 300-400 level coursework must be completed at A&M to obtain a baccalaureate degree.
  12 of the 36 hours must be within your major field of study.

- **WRITING INTENSIVE COURSES**
  Two Writing Intensive (WI) courses are required in your major field of study.
  Courses currently approved include: BIOL351, 388, 401, 423, 455, 491 (with instructor approval), 495, designated sections of BICH/GENE432, and VIBS443

- **ELECTIVE RESTRICTIONS**
  Non-majors courses and courses below the minimum level required in other areas of the degree program. (i.e. BIOL107, BIOL113, BIOL206, MATH102, etc.), introductory courses to another field of study. (i.e. BIMS101, WFSC101, etc.).
  Some may need to be specific for International/Cultural Diversity or 300-400 level to meet Residency.
Department Grading Requirements

Students in the Department of Biology

• A grade of “C” or better in BIOL111 and BIOL112 is required.

• Only 1 “D” is allowed in courses within the major as long as the GPA remains 2.0+. This means all BIOL classes (excluding 111/112) and any course used as a major-specific elective.

• D’s are allowed outside the major field of study. However, D’s are unacceptable if you plan to attend a graduate or professional school.
# Example course search result

## Class Schedule Listing

### INSTRUCTIONS
- **Class Restrictions**: To view class restrictions, click on the Restrictions links.
- **Course Catalog Entry**: To view the course catalog entry for a course, please click on the subject.

## Sections Found
### BIOL - Biology

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Roster</th>
<th>Crse</th>
<th>Sec</th>
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<th>Time</th>
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<td>CS</td>
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<td>08/28-12/13</td>
<td>HECC 203</td>
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</table>

## Enrollment Totals
- **Capacity**: 296
- **Actual**: 244
- **Remaining**: 52
COMMON REGISTRATION PROBLEMS and SOLUTIONS

• Time Conflicts = Pay careful attention to the class times listed.
• Field of study restriction = majors only section. CHEM111 common
• Honors restriction = take only if admitted to Honors program or if minimum requirements are met. HNR is in the title of the course. Section numbers start with a 2 (ex: CHEM101-201).
• Some classes fill up quickly. Core curriculum classes are generally flexible and may be taken in any semester.
• Student Attribute error/Prerequisite & Test Score error = Accept Lab Safety Acknowledgement for any lab course (do each semester); Accept AP credits if it is a prerequisite for another course you want to take (ex: MATH151 credit to enroll in MATH152).
END OF MEETING ANNOUNCEMENTS

The registration process:

1. UNTIL 12:00PM-ask any questions concerning your registration and/or degree plan.
2. Group registration will begin promptly at 2:00 PM at the second floor of the STUDENT COMPUTING CENTER. Be there by 1:45PM to be sure your login is working.
3. Make sure before registration to have your net ID set up and remember to accept the Lab Safety Acknowledgement.
4. Please be sure to verify your class selections with an advisor once your registration is complete. Pay fees (if needed) and have a student ID card made (if not already done). You may also go to a bookstore and purchase or reserve textbooks.
5. Remember, we are here to help you. If you have any questions please feel free to call or drop by our office. 979-845-3116.
WELCOME to BIOLOGY