CONFERENCE OBJECTIVES

• Biology Degree Plan & Core Curriculum
• Department Grade Requirements
• Science Peer Learning Center
• Scheduling and Registration
• Announcements
UNDERGRADUATE ADVISING STAFF

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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

• Specific courses must be completed before starting your 5th full semester (indicated by ** on the degree plans) for entry to upper-division BIOL elective courses.

• Foundation courses:
  • Introductory Biology: BIOL111 & BIOL112
  • Secondary/Foundation Biology: BIOL213 & BIOL214
  • Introductory Chemistry: CHEM119 & CHEM120
  • Organic Chemistry: CHEM227, 237, 228, 238
  • Calculus: MATH147 & MATH148 or STAT201, or equivalents
TESTING AND MATH ASSESSMENT

• AP Testing
  ➢ Refer to the undergraduate catalog for a listing of AP scores and their course equivalents

• CLEP Testing
  ➢ Contact Testing Services at 979-845-0532

• Foreign Language Placement Tests
  ➢ http://newaggie.tamu.edu (Complete Required Testing)

Math Placement Exam

• You should have already completed the MPE and know your score. If you need to retake the MPE, you may do so twice more, with a two-week wait in between attempts. Practice exams are available to take up to two times.

• A score a 22 or greater allows you to enroll in MATH 147.

• A score 14-21 we recommend you enroll in MATH 147 + LYMIT “Learn Your Math In Time” (access is automatically added and it is required that you complete).

• A score 14 or less we recommend you enroll in STAT 201. Students can then take MATH 147 + LYMIT in the following spring semester.

• Consider the Personalized Pre-calculus Program through the MATH department to help you brush up on skills before retaking the MPE. Go to ppp.tamu.edu for available session dates. Cost is $225.
UNIVERSITY CORE CURRICULUM & IMPORTANT DEGREE REQUIREMENTS

All students entering Texas A&M University must complete the core curriculum and other university standard 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>
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<tbody>
<tr>
<td>Communication</td>
<td>6</td>
</tr>
<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>
</tr>
</tbody>
</table>

- Core Curriculum http://core.tamu.edu (further info provided in handouts)
- INTERNATIONAL AND CULTURAL DIVERSITY and CULTURAL DISCOURSE ELECTIVES http://icd.tamu.edu
- RESIDENCE REQUIREMENT
  A minimum of 36 hours of 300-400 level course work 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. Options on degree plans. Any updates will be emailed to students via the list serve or ask your advisor.

- 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 GRADE REQUIREMENTS

• 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.
SCIENCE PEER LEARNING CENTER
009 BUTLER HALL

Free Peer Tutoring for BIOL, MATH, CHEM, STAT & PHYS courses!
Mon-Thurs 9-6pm
Fri 9-4pm

A great place to study and collaborate!
REGISTRATION INFORMATION

You *MUST* accept lab safety acknowledgement in HOWDY. This must be completed EVERY semester prior to registration.

Please check for any holds prior to your registration time.

Be sure you select your BIOL111 and CHEM119 based on the sections you are allowed to take as a BIOL major.

**BIOL111-501 through 512 or 525 through 536**

**CHEM119-549 through 560 or 609 through 620**

*exception is if student is registering for an honors section*
HOWDY-- MYRECORD
SEARCH CLASS SCHEDULE (NEW)
SEARCH CLASS SCHEDULE (NEW)
SEARCH CLASS SCHEDULE (NEW)

Enter Your Search Criteria
Term: Fall 2019 - College Station

Subject: BIOl - Biology
Course Number: 111
Credit Hour Range: [ ] to [ ] hours
Open Sections Only

Search  Clear  » Advanced Search

You can search multiple courses, for example to search courses with course numbers 422 and 452 you can type 4%2.
Scroll down to advance to other pages. You can select the number of sections per page.
SEARCH CLASS SCHEDULE (NEW)

Click the TITLE to view more information such as Restrictions.
<table>
<thead>
<tr>
<th>Title</th>
<th>CRN</th>
<th>Subject</th>
<th>Course</th>
<th>Section</th>
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<th>Meeting Times</th>
<th>Status</th>
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ADD OR DROP CLASSES (NEW)

Advisor Tutorial
BIOFIRST AND HONORS

Three ways to earn Honors distinction upon graduation

Latin Honors
• Summa, magna, and cum laude
• Based on GPA > 3.5 on 60+ TAMU hours

University Honors (Honors Fellows)
• Four year program
• Freshman living learning community
• Honors classes and activities across campus

Honors in Biology
• Four introductory Biology Honors classes
• Upper level Biology Honors classes
• At least one year of undergraduate research

Undergraduate Research
Research can be incorporated into your degree plan.
For more information: Dr. Kathy Ryan, kryan@bio.tamu.edu, Biology Undergraduate Research Coordinator
Biology Undergraduate Research Page (www.bio.tamu.edu and follow the link under the Undergraduate tab.)
Getting started in Biology Research sessions (watch for emails during the semester)
Aggie Research Scholars program: aggieresearch.tamu.edu

If you received an invitation for BioFirst via email, please come to front of room after presentation to meet briefly with Dr. Rao and Dr. McKnight.

If you are interested in receiving more information for Honors in Biology please meet with Dr. Duncan MacKenzie, Associate Professor of Biology, Director of Honors in Biology.
BIOLOGY HONORS PROGRAM

• For highly-motivated students, Biology Honors provides an intellectually-challenging curriculum placing emphasis on student-faculty contact, active student engagement, research, and communication.
  • Must maintain a minimum 3.5 GPA
  • Participate in smaller Honors Biology class sections
  • At least one year of undergraduate research

• Biology Honors Director Dr. Duncan MacKenzie and current Honors students will be in Butler Hall Room 103 today between noon and 2:00.
  • If you submitted our online form, drop by to receive instructions for enrolling in Honors classes.
  • If you want to join you must meet minimum requirements (composite 1350 SAT or 30 ACT). Space is limited. Drop by with your questions.
  • If you don’t meet the requirements or are not sure you can still join without penalty during your freshman year.

• Handout with more Honors information up front
COMMON REGISTRATION ISSUES AND SOLUTIONS

• **Registration HOLDS** = (ex: bacterial meningitis, TSI compliance, tuition rate selection). Check under registration status or MyProfile.

• **Time Conflicts** = Pay careful attention to the class times listed.

• **Field of study restriction** = majors only section. CHEM119 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 usually start with a 2 (ex: CHEM119-201).

• 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 your desired course (ex: MATH151 credit to enroll in MATH148 or MATH152).
END OF MEETING ANNOUNCEMENTS AND REMINDERS

The registration process:

1. UNTIL 12:00PM-ask any questions concerning your registration and/or degree plan.

2. Group registration will begin promptly at 2:30 PM at the second floor of the STUDENT COMPUTING CENTER. Be there by 2:00PM to be sure your login is working.

3. Make sure before registration to have your net ID and password set up, check for holds, 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 and pick up a t-shirt. You may purchase or reserve textbooks at a bookstore or online.

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.
CONTACT US

Biology Department @ Butler Hall
(979) 845-3116
advising@bio.tamu.edu

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