

Welcome to DSU Biology

- **We are the Department of Biological Sciences**
- **Today's host: Dr. Ellen Green**
Associate Professor of Biology
and Department Chair
- **Today we will give you some basic information that you will need to register for classes.**
- **You will get lots more details when you arrive on campus in the fall.**

Caylor-White- Walters Hall



- **We are located in Caylor-White-Walters Hall**
- **Caylor-White: South side of the building**
- **Walters: North side of the building**
- **New Science Building: East side of the building**



Building Renovation

- **Building renovation is nearly complete.**
- **The new addition and renovated Caylor-White Hall are in operation now.**
- **The renovated Walters Hall will be completed during Fall 2015.**



New Labs

- **The renovated science building houses many brand new laboratories. Some of the new labs were used for the first time last year, but the newer labs in Caylor and Walters will be used for the first time in the coming year.**

How to contact us

- **Biological sciences chair: Dr. Ellen Green**
- **Physical sciences chair: Dr. Joe Bentley**
- **Department office: Gibson-Gunn 127**
- **Department secretary: Ms. Barbara Knight**
- **Phone: 662-846-4240**
- **Fax: 662-846-4798**
- **Web: <http://www.deltastate.edu/college-of-arts-and-sciences/biological-and-physical-sciences/>**

Which degrees do we offer?

- **There are two bachelor's degrees offered in the department, each with several concentrations.**
 - **Biology**
 - **Environmental Science**
- **You will major in one of these fields, unless you are in a non-degree pre-professional program.**

Biology major

- **General concentration**
 - **For students who want to become biologists. Many of these students will continue to the graduate level after graduation.**
- **Premedical science concentration**
 - **Mainly for pre-med, pre-dental, and pre-pharmacy students. Includes biology degree plus additional pre-professional prerequisites.**
- **Biology education concentration**
 - **For those who want to teach biology at the secondary school level.**

Environmental science major

- **General concentration**
 - **For students preparing for a career in all aspects of environmental science.**
- **Wildlife management concentration**
 - **For students interested in wildlife management.
Meets standards established by the Wildlife Society.**
- **Geospatial technology concentration**
 - **Emphasizes competence in global information systems as related to environmental science.**

What about pre-health programs?

The science departments also offers programs that give you all the prerequisites for professional schools including:

- **Medicine**
- **Dentistry**
- **Physical therapy**
- **Occupational therapy**
- **Pharmacy**
- **Optometry**
- **Veterinary medicine**
- **Medical laboratory sciences**
- **Cytotechnology**
- **Dental hygiene**
- **Health informatics and information management**
- **Radiologic sciences**

How do pre-health programs work?

- **Admission to a professional school requires you to complete certain undergraduate courses. You take those courses here at DSU.**
- **Then you go on to the professional school. You do not complete your program at Delta State.**
- **Some programs require a bachelor's degree (e.g. medical, dental, physical therapy). You complete your BS degree at DSU before going to professional school.**
- **Some programs only require 2-3 years of undergrad courses (no degree from DSU).**

What is my major?

- **If you are pursuing a 4-year bachelor's degree in the Department of Biological Sciences, your major is biology or environmental science.**
- **If you are in a pre-professional program, we also need to know which one.**
- **If you are in a non-degree pre-professional program, you don't really have a "major." We call you a "pre-health" student (pre-vet, pre-dental hygiene, etc.)**

Examples of “majors”

- **Biology/general biology**
- **Environmental science/general**
- **Environmental science/wildlife management**
- **Biology/pre-medical**
- **Biology/pre-physical therapy**
- **Pre-health/dental hygiene**
- **Pre-health/occupational therapy**

Who is my advisor?

- **Every student has an academic advisor.**
- **Your advisor will be a science faculty member assigned to you based on your major and career choices.**
- **Your advisor is the first person you should go to with questions.**
- **You meet with your advisor each semester for schedule planning and registration, but see them often - anytime you have questions.**

How do I meet my advisor?

- **When you get to campus in the fall, come by the department office to find out who your advisor is and how to find her or him.**
- **Drop by to meet your advisor early in the semester.**
- **Your advisor will help you through your whole academic program at DSU and help keep you on the track to your desired career goals.**

What classes should I take in the Fall?

- **Have you completed your introductory science and mathematics courses?**
 - **General Biology: BIO 100, 101**
 - **General Chemistry: CHE 101, 102, 103, 104**
 - **College Algebra: MAT 104**
- **If you have not taken all of these, you will need to register for whichever are next appropriate for your major.**

What classes should I take in the Fall?

- **Have you completed your general education courses? You may still need some of these:**
 - **English composition: ENG 101, 102**
 - **Speech: COM 101 or 202**
 - **Literature: 1 course**
 - **History: 1 course**
 - **Fine arts: 1 course**
 - **Perspectives on Society: 2 courses chosen from ANT, ECO, GEO, PSC, PSY, or SOC**
 - **Personal development: e.g. CIS 205**

What classes should I take in the Fall?

- **If all your general education courses and introductory science courses are complete, you are ready for the more advanced core courses. Your advisor will help you select the best choices. For example:**
 - **For biology majors: Cell Biology (BIO 300), Ecology (BIO 301), Genetics (BIO 328)**
 - **For environmental science majors: upper-level courses depend on your concentration**
 - **Additional math: Trigonometry (MAT 105), Calculus (MAT 251), or Statistics (MAT 300)**

What is “full admission” status?

- **You must successfully complete introductory science courses before taking advanced major courses.**
- **Introductory courses are:**
 - **BIO 100, 101, CHE 101, 102, 103, 104**
- **Successful completion = C or better grade**
- **Advanced majors courses are BIO courses numbered 200 or above)**
- **If you still need introductory courses, be sure to take as many of those as possible in the Fall.**

Majors vs. non-majors science courses

- **Be sure that the science courses you transfer were courses meant for SCIENCE MAJORS. Non-major courses cannot count toward your degree.**
- **If you are not sure, your advisor will help you check your transcript to be sure courses you have taken will count toward your major.**
- **Mississippi community colleges use a course numbering system that identifies courses as majors or non-majors courses.**

What about admissions tests?

- **You should start thinking about tests that are required for professional and graduate schools.**
 - **MCAT - required for medical school**
 - **DAT - required for dental school**
 - **PCAT - required for pharmacy school**
 - **OAT - required for optometry school**
 - **GRE - required for graduate schools, also for physical therapy and vet school**

How do I register for classes?

- **You register yourself through the web using DSU online services.**
- **An advisor and your orientation leaders will help you through that process today.**
- **For future semesters, you will meet with your advisor during early registration week to plan your schedule, then register yourself online.**

Can I get more info on the web?

- **Yes! Use our website to learn more about:**
 - **Whats going on in the sciences this semester**
 - **Descriptions of faculty and courses**
 - **Curriculum lists for all programs**
 - **Student organizations**
- **Where?**
- **<http://www.deltastate.edu/college-of-arts-and-sciences/biological-and-physical-sciences/>**

Don't forget...

- **Fill out your departmental registration form.**
- **You will not know all the information the form asks for, but be sure to...**
- **Indicate your major and pre-professional program (if this applies to you).**
 - **We need this information to assign you the right advisor.**
- **Turn in your registration form to your orientation leader today after you register!**

Thank You

- **Orientation leaders will now help you register for your fall semester classes.**
- **If you have questions for an advisor before registering, just let us know.**
- **This slide show will be posted on the department website if you want to download it later.**

Welcome to

