



# BIOLOGY

## COLORADO STATE UNIVERSITY

### Fall 2018 Important Dates

#### December

**7** - Last day for a Semester (University) Withdrawal

**10-14** - Final Exams

**14-15** - Fall 2018 Commencement Ceremony

**19** - Fall 2018 grades available on Ramweb

**24-26** - Winter Holiday: University Closed

**31** - Winter Holiday: University Closed

#### Advising Drop-Ins:

Monday, Tuesday, Wednesday, Thursday

1:00pm to 3:00pm

Biology 111

#### Dec. 17-Jan 18th:

By appointment only at <http://www.biology.colostate.edu/undergraduates/advising/>

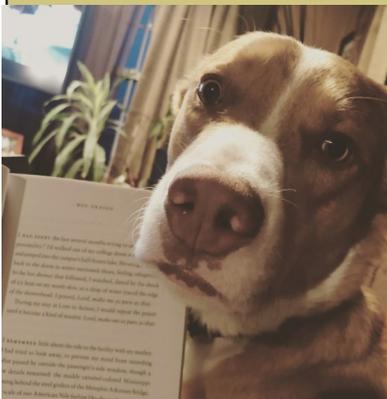


### Graduating this December?



**Undergraduate Commencement will be December 14th at 7 p.m. in Moby Arena**

**Visit <http://www.natsci.colostate.edu/commencement/> for more information on check-in and line up, regalia, clear bag policy, seating and tickets, diploma covers, photography, ceremony and more university policies.**



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# *You're Invited!*

## **CSU BIOLOGY**

### **FALL COMMENCEMENT RECEPTION**

**ALL GRADUATING STUDENTS AFFILIATED WITH THE  
DEPARTMENT OF BIOLOGY AND THEIR FAMILY AND  
FRIENDS ARE WELCOME!**

Friday, December 14, 2018

1:00pm - 3:00pm

Biology Building 3rd Floor SW Atrium

**Please visit this link or stop by the Biology Department main office to RSVP:**

<https://www.eventbrite.com/e/csu-biology-fall-2018-commencement-reception-registration-52615411111?utm-medium=discovery&utm-campaign=social&utm-content=attendeeshare&aff=escb&utm-source=cp&utm-term=listing>

**Congratulations to Dr. Deborah Garrity for being named a College  
of Natural Resources Professor Laureat this Fall Semester!**

**COLLEGE OF NATURAL SCIENCES  
FALL 2018 PROFESSOR LAUREATE LECTURE + TEACHING & MENTORING AWARDS**



## **GOOD TEACHING MATTERS**

**DEBORAH GARRITY**  
PROFESSOR, DEPARTMENT OF BIOLOGY

DECEMBER 3 | 4:30 P.M.  
LSC | CHEROKEE PARK BALLROOM  
*Reception to Follow*



## SPRING 2019 REGISTRATION

**Here are some common registration error messages and what they mean:**

**If you run into an error be sure to read it! You can often solve registration errors on your own without having to email an ASC and wait for a response.**

<b>Error message</b>	<b>What it means</b>	<b>When you might get it</b>	<b>What to do</b>
<b><i>Class level</i></b>	Only students in a certain class level (fr/so or jr/sr) can register for a given course.	Few (if any) Biology courses have this restriction but other departments' courses (e.g., Composition, Psychology) may have it.	If you NEED the course, contact the home department (e.g., CO, PSY) for access.
<b><i>Multiple Components Required</i></b>	In addition to the lecture, you have to register for another component (lab or recitation) <b>at the same time</b> that you choose the lecture.	Many biology, chemistry, and physics courses are commonly associated with this error.	Check boxes for each component PRIOR to hitting "register." Click the CRN for the lecture to see specifically which sections of lab/recitation must be selected.
<b><i>Major Restriction</i></b>	You do not have the right major for a class.	Some classes are restricted just to students in that major (e.g., Business, Art); these may allow non-majors to register after a certain date.	Click on the course title for details about major restriction—if the class opens to non-majors at a certain date, it will tell you that date.
<b><i>Prerequisite</i></b>	You do not have at least one prerequisite for the class.	BZ311 is an example (though most biology courses have prerequisites). It requires BZ310 as a prerequisite.	You need to take the prerequisite course(s) prior to registering for this class. If you think this is an error, contact your advisor.
<b><i>Dept. or Instructor approval</i></b>	Registration for a certain class is limited and only approved on a case-by-case basis.	An example is BZ492G, which requires department approval to enroll.	If you seek access to a class requiring dept./instructor approval, contact the instructor listed or the department.
<b><i>Stop enrollment</i></b>	A department has stopped enrollment so that no one can register for the class until a problem is resolved.	Hard to say—stop enrollments can happen in any department due to unforeseen changes.	Try registering for a different section of the same class, or contact the department to find out more information.

## ARE YOU ON ACADEMIC PROBATION?

Schedule your appointment here: <http://www.biology.colostate.edu/undergraduates/advising/>

- ◆ All Biology/Zoology majors on academic probation (cumulative GPA below 2.0) must meet with an ASC before you can register for classes.
- ◆ 1st Term of Probation: Watch the short video and complete the self-assessment in the Probation Module on **Canvas**, then meet with an ASC for your advising code!
- ◆ 2nd Term of Probation: Meet with an ASC to talk about your status, academic dismissal policies and appeals, and get your advising code!

SPRING-ONLY BZ COURSES

BZ214 Animal Biology—  
Vertebrates

BZ300 Animal Behavior (and  
summer)

BZ311 Developmental Biology  
(and summer)

BZ329 Herpetology

BZ335 Ornithology

BZ415 Marine Biology

BZ420 Evolutionary Medicine

BZ430 Animal Behavior and  
Conservation

BZ440 Plant Physiology

BZ441 Plant Physiology Lab

BZ450 Plant Ecology

BZ455 Human Heredity and  
Birth Defects

**ALERT: BZ353, Global Change Ecology, BZ401, Comparative Animal Physiology, BZ460, Genome Evolution, BZ466, Biological Basis of Animal Behavior, and BZ479, Biology and Behavior of Dogs, will not be offered Spring 2019**



**Interested in taking an intro class about coding? Programming? Take a look at these intro courses!**

### **CS 150: Introduction to Programming (CS0) – Java.**

This course is a two part course that is 3 credits. One part focuses on programming in Java including logic, looping, arrays, methods, objects and file I/O.

Early years of Computing

Formulating arguments related to technology

Assumed gender roles past and present within the tech industry

Human-Centered Computing and Unconscious Bias in the design process

Internet and Network Literacy - defining Net Neutrality and surrounding ethics

Cyber-Security, Data Privacy and Ownership

Understanding HTML and web applications

Writing tools to analyze sets of data, and then developing arguments from those datasets

These topics are covered in a survey-style fashion, and there is a written component to the class in addition to the programming. This class has a lab that meets two days a week (one hour each) and lecture that meets two days a week – for 16 weeks.



### **CS 152: Introduction to Programming (CS0)-Python**

This is strictly a programming class taught over 8 weeks (2 credits). They cover up to file I/O in Python, and meet twice a week for lecture and twice a week for lab. Since it is 8 weeks, it is fairly fast paced, and ideal for students who are STEM majors with a decent algorithmic background.

Prerequisite: MATH 118 completed

### **CS 163: Java (CS1) No Prior Programming**

This class is a very fast paced class focusing on teaching the fundamentals of programming in Java up to inheritance.

Prerequisite: MATH 124 completed

### **CS 164: Java (CS1) Prior Programming**

Students who take CS 150 or CS 152 and want to continue with their programming skills are encouraged to take CS 164.

Prerequisite: MATH 124 completed

**For both CS 163/164:** It should be noted that either CS 163 or 164 is required to continue in any CS course.

### **CS 165: Java (CS2) Data Structures and Algorithms**

Fundamental class for anyone who wishes to code as part of their job, and focuses on Computer Science Data Structures. In fact, if someone applies to companies like Google, they give you a quiz based on the concepts taught in this course.

Prerequisite: CS 163 or CS 164

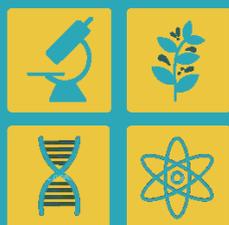
TEACH STEM



MAKE A DIFFERENCE



# NSF Robert Noyce Scholarship Program

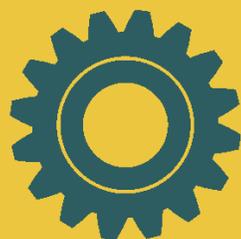


The scholarship program is for students who:

- Have earned at least 60 credits
- Are majoring in a STEM field
- Have earned at least a GPA of 3.0 to be most competitive
- Would like to pursue a career in STEM teaching

Noyce scholars will receive:

- \$10,000 scholarship per year for both Junior and Senior years
- \$1,000 stipend per year for the first two years of teaching
- Mentoring and professional development supports



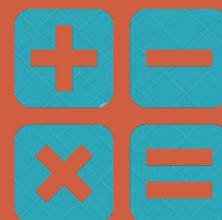
After graduation, Noyce scholars will:

- Teach 2 years in a high needs school district for every year of scholarship received
- Participate in mentoring and professional development activities

**APPLY ONLINE:** <http://noyce.colostate.edu>

**APPLICATION DUE:** March 8, 2019

**CONTACT:** [noyce\\_info@mail.colostate.edu](mailto:noyce_info@mail.colostate.edu)



# The CSU Scholarship Application (CSUSA)

**Opened October 1st!**

Access and submit the application through [ramweb.colostate.edu](http://ramweb.colostate.edu)

Completing the CSUSA will enter you into the applicant pool for all scholarships that you are eligible for through CSU.

NOTE: Some scholarships require supplemental information, be sure to submit

**The 2019–2020 FAFSA form is now available!**



Fill out the Free Application for Federal Student Aid (FAFSA) to apply for financial aid, including:

- Federal grants
- Federal student loans
- State loans
- State grants & scholarships
- Grants & scholarships from other organizations

If you don't fill out the FAFSA form you could be missing out on valuable financial aid. **EVERYONE** in college should fill out the FAFSA!

# Education Abroad Advising

(970) 491-6342 | [educationabroad.colostate.edu](http://educationabroad.colostate.edu)



## Walk-in Advising — Laurel Hall, Room 008

Monday - Friday | 9 a.m. - 12 p.m. & 1 - 4 p.m.

Meet with a Peer Advisor to learn more about education abroad opportunities. Coordinators are only available on Thursdays for walk-in advising.

## Coordinator Appointments

If you have already talked to a peer advisor during walk-in advising and have specific questions about a particular program or region, please call or email the Education Abroad Center to make an appointment to speak directly with your education abroad coordinator.

### AFRICA, MIDDLE EAST, UK & IRELAND

[derek.smallwood@colostate.edu](mailto:derek.smallwood@colostate.edu)

### SPAIN, INTERNSHIPS & RESEARCH

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### ASIA, OCEANIA & SEMESTER AT SEA

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### EUROPE

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### FACULTY-LED

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### INDIVIDUAL TRAVEL

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### LATIN AMERICA & FACULTY-LED

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INTERNATIONAL PROGRAMS  
COLORADO STATE UNIVERSITY