

Term Information

Effective Term Autumn 2023

General Information

Course Bulletin Listing/Subject Area Earth Sciences
Fiscal Unit/Academic Org School of Earth Sciences - D0656
College/Academic Group Arts and Sciences
Level/Career Graduate
Course Number/Catalog 6101
Course Title Finding Success in Earth Sciences: Grad School 101
Transcript Abbreviation GradSchool101
Course Description In this seminar, we learn how to navigate through graduate school, research, relationships, responsibilities and securing a job after graduation. Seminar projects will be focused on promoting your research, abstract writing and resume/CV writing.
Semester Credit Hours/Units Fixed: 1

Offering Information

Length Of Course 14 Week, 12 Week, 8 Week, 7 Week, 6 Week, 4 Week
Flexibly Scheduled Course Never
Does any section of this course have a distance education component? No
Grading Basis Letter Grade
Repeatable No
Course Components Seminar
Grade Roster Component Seminar
Credit Available by Exam No
Admission Condition Course No
Off Campus Never
Campus of Offering Columbus

Prerequisites and Exclusions

Prerequisites/Corequisites graduate student standing
Exclusions
Electronically Enforced No

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code 40.0601
Subsidy Level Doctoral Course
Intended Rank Masters, Doctoral

Requirement/Elective Designation

The course is an elective (for this or other units) or is a service course for other units

Course Details

Course goals or learning objectives/outcomes

- My goal and your goal should be to graduate with a degree & a job!

Content Topic List

- Elevator Pitch
 - Goal setting
 - Time management and building a professional reputation
 - Diversity
 - CV and Resume writing
 - Reading scientific literature
 - Abstract writing

Sought Concurrence

No

Attachments

- GradSchool101_Syllabus.docx: syllabus

(Syllabus. Owner: Panero, Wendy R)

Comments

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Panero, Wendy R	09/06/2022 08:53 AM	Submitted for Approval
Approved	Panero, Wendy R	09/06/2022 08:53 AM	Unit Approval
Approved	Vankeerbergen, Bernadette Chantal	09/27/2022 02:14 PM	College Approval
Pending Approval	Cody, Emily Kathryn Jenkins, Mary Ellen Bigler Hanlin, Deborah Kay Hilty, Michael Vankeerbergen, Bernadette Chantal Steele, Rachel Lea	09/27/2022 02:14 PM	ASCCAO Approval

Fall 20XX Grad School Seminar

ES 6101: Finding Success in Earth Sciences: 'Grad School 101'

In this seminar, we learn how to navigate through graduate school, research, relationships, and responsibilities. My goal and your goal should be to graduate with a degree in Earth Science & a job!

Learning Objectives:

After this course, a student will be able to:

Understand their role and their advisor's role in graduate school

Search for, read and organize scientific literature

Pitch their research and why it matters in less than 2 minutes

Develop a CV or Resume over the course of their graduate school career

Write a basic abstract

Instructor:

Dr. Ann Cook

Office: 317 Mendenhall

Phone: 614-247-6085

Email: cook.1129@osu.edu

For this course & outside this course, please call me Ann. My policy is that undergrads should call me Dr. Cook, but graduate students should call me Ann.

Main Texts:

For all texts, chapters and excerpts will be provided on Carmen. No purchase necessary! However, you may want to check out additional chapters yourself as there is a lot of material we don't have time to cover.

A Field Guide to Graduate School: Uncovering the Hidden Curriculum. Jessica McCory Calarco. 2020. This book has lots of great material, especially if you plan to stay in academia.

Getting What You Came For: The Smart Student's Guide to Earning a Masters or a Ph.D. Robert L. Peters. 1997. This book is older, but still has some great stuff in it.

Additional text and links will also be provided on the course schedule and on Carmen.

Location:

Mendenhall Lab 163. When the weather is nice, I will also host class outside.

Course Meeting Time:

9 – 10:10 AM on Friday

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Attendance:

You are expected to attend class every week and attendance will be recorded. If you miss more than two classes, this will affect your grade (4% removed per class missed). If you have a health issue or are feeling sick before class, please contact Dr. Cook and she can set you up with a Zoom link or an alternate accommodation. Zoom is only for health issues and not for everyday use.

If you are worried that you may miss more than 2 classes, please talk to Dr. Cook immediately about your concerns; bringing up your concerns in December after you have already missed 5 classes will not be met with sympathy.

Grade:

Your Elevator Pitch, Job Ad, CV or Resume, and final Abstract will be graded.

Elevator Pitch	30%
Job Ad	5%
CV/Resume	35% (includes 5% for participation in mock interviews)
Abstract	30%

Attendance will also contribute to your grade; upon the third missed class and every class thereafter, 4% will be removed from your final grade.

We will use the Ohio State grading scale.

LETTER GRADE	PERCENT RANGE
A	93-100
A-	90-92.9
B+	87-89.9
B	83-86.9
B-	80-82.9
C+	77-79.9
C	73-76.9
C-	70-72.9
D+	67-69.9
D	60-66.9
E	Below 60

Academic Misconduct

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct <http://studentlife.osu.edu/csc/>.

Mental Health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life’s Counseling and Consultation Service (CCS) by visiting ccs.osu.edu or calling [614-292-5766](tel:614-292-5766). CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at [614-292-5766](tel:614-292-5766) and 24 hour emergency help is also available through the 24/7 National Suicide Prevention Hotline at 1-800-273-TALK or at suicidepreventionlifeline.org.

Disability Statement

The University strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.

Fall 20XX Schedule

This schedule is a living document and will be updated during the semester. Please check Carmen for updates. In addition, Dr. Cook will announce updates in class.

Aug 27: Class outside unless the weather is against us! Icebreaker. Read in class: *Getting What You Came For* Chapter 2: What is graduate school like? Group discussion: Course goals and expectations. Describe the Elevator Pitch for next class. Also: *What else do you need in this class? We have a slot open for a topic.*

Assignment for Sept 3:

- Your Elevator Pitch. Come to class next week ready to deliver your 60 second (or less) pitch. We are your audience: Earth Scientists, but not necessarily scientists in your field. This pitch is graded by Dr. Cook as you deliver. Pitch well and you win a prize! Check out this [ASLO website](#) for pitch ideas and examples (the YouTube links are great!).

Sept 3: Class outside unless the weather is against us! Deliver your Elevator Pitch. If there is time, Dr. Cook will talk about her experience as a graduate student and how she views graduate school now.

Assignment for Sept 10:

- Readings from *Getting What You Came For*: Chapter 10: The Master's Degree: History and Hurdles and/or Chapter 11: The Doctorate: History and Hurdles.
- Readings from *A Field Guide to Graduate School*: Chapter 2: Building Your Team.

Sept 10: Group discussion: Goals of Masters and PhD and how to get there. Special guest Dr. Yanlan Liu will talk about her experiences in graduate school.

Assignment for Sept 17:

- Readings from *Getting What You Came For*: Chapter 12: Managing Yourself AND Chapter 13: Playing Politics: Building a Reputation.
- Read appropriate section in the School of Earth Science [Graduate Student Handbook](#) for a masters or PhD student.

Sept 17: Visit by Graduate Chair Dr. Wendy Panero to answer your questions about the handbook and SES policies. Group discussion: Time management and building a professional reputation.

Assignment for Sept 24:

- Read this [Nature Geoscience article on racial diversity in the geosciences](#).
- Readings from *Getting What You Came For*: Chapter 23: Swimming with the mainstream (you can skip the section on applying to graduate school).

Sept 24: Group discussion on diversity, gender, race, disability, international students, and non-traditional students in 70 minutes. There's a lot to cover!

Assignment for Oct 1:

- Read *Getting What You Came For: Bringing It All Together, The Job* (only pgs. 319-349).
- Bring a job ad to class, either electronic or printed (to discuss in class) AND submit it on Carmen. Select an ad that you could apply for now or in the future. Pick one that interests you!

Guinea Pig Extra Credit Points for October 1: If you didn't do well on your elevator pitch or you just like extra credit (+ 5% of grade, so if you have an 86% at the end of the course the extra credit bumps you to a 91%), you may submit a resume or CV to Dr. Cook early (by Sept 29) and be used as an example in the October 1 class. I promise, criticism will be delivered in a positive tone. We all want better CVs and Resumes and that is our goal!

Oct 1: Discuss job ads. Review professional online profiles and websites. Discuss the components that go into a CV and Resume.

Assignment for Oct 8:

- Read alumni handout on writing a Resume (available on Carmen), The Resume in *Getting What You Came For: Chapter 24* (only pgs. 350-355) and/or the [CV writing at Science](#).
- Masters students must write a Resume and may write a CV. Phd students must write a CV and may write a resume. Turn in your resume or CV on Carmen.
- Apply for and participate in Alumni Mock Interviews on October 7th.

Oct 8: Managing your finances, with guest speaker Mr. Ben Raines.

Assignment for Oct 22:

- Edit your CV or Resume based on Dr. Cook's recommendations.

Oct 15: Autumn Break. No class.

Oct 22: Small group Resume/CV editing. Please bring 4 copies of your resume/CV to class. Special guest Caroline Robinson will talk about her experiences in graduate school.

Assignment for Oct 29:

- Submit your final draft of your Resume or CV on Carmen.

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Oct 29: You pick the topic!

Assignment for Nov 5:

- Read: This [Science Magazine](#) article and this [Huffington Post](#) article about how to read scientific journal articles. Closely read [Pitman, W.C. and Heirtzler, J.R. \(1966\) Magnetic Anomalies over the Pacific-Antarctic Ridge, Science.](#)

Nov 5: Discuss reading the selected group article and using the new techniques. Talk about reading articles and read *A scrutiny of the abstract* in class. Introduce the Abstract Writing competition.

Assignment for Nov 12:

Nov 12: Alumni Board Chair Joe Newhart introduction. Discuss reading the selected group article in Class. Discuss the Abstract competition.

Assignment: Work on your Abstract.

Nov 19: Librarian Danny Dotson will describe Library Services and give a tour of the Library.

Assignment for Nov 23: Continue working on the abstract; **it is due Nov. 23th**. Turn in either to Dr. Cook's office, ML 317, or mailbox in ML 275. Do not include your name.

Assignment for Dec 3: For mini-poster review: Read *Getting What You Came For* Chapter 20: Oral Presentations. Check out this [quick poster guide from NYU](#) and [this fantastic YouTube video](#) on posters.

Nov 26: Happy Thanksgiving! No class.

Dec 3: Abstract competition results! Discuss writing your thesis and oral presentations. Mini poster presentation workshop for anyone interested.

Assignment for life: Write your thesis, graduate, and achieve your dreams 😊