

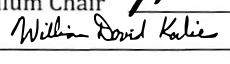
 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>COURSE CHANGE REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner _____ Catalog _____
	Department Biological Sciences College CESCOS		
<b>Current Course Prefix and Number</b> BSC 6846		<b>Current Course Title</b> Scientific Communication	
Syllabus must be attached for <b>ANY</b> changes to current course details. See <a href="#">Guidelines</a> . Please consult and list departments that may be affected by the changes; attach documentation.			
<b>Change title to:</b>  <b>Change prefix</b> From: _____ To: _____ <b>Change course number</b> From: _____ To: _____ <b>Change credits*</b> From: _____ To: _____ <b>Change grading</b> From: _____ To: _____ <b>Academic Service Learning (ASL) **</b> Add <input type="checkbox"/> Remove <input type="checkbox"/>		<b>Change description to:</b>  <b>Change prerequisites/minimum grades to:</b>  <b>Change corequisites to:</b>  <b>Change registration controls to:</b> Permission of Instructor _____  Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade.	
<b>Effective Term/Year for Changes:</b> Fall 2022		<b>Terminate course? Effective Term/Year for Termination:</b>	
<b>Faculty Contact/Email/Phone</b> Dr. Tanja Godenschwege /godensch@fau.edu			
<b>Approved by</b> Department Chair  College Curriculum Chair  College Dean  UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____		<b>Date</b> 3-1-22 3/11/2022 03-14-22 _____ _____ _____ _____ _____	

Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.

## BIOLOGICAL SCIENCES GRADUATE COURSES

### **Scientific Communication (BSC 6846) 3 credits**

Introduces students interested in scientific research to various techniques and software important for data processing and presentation of research data. Students learn to effectively present research to the general public and to the scientific community in written form, such as research proposals, conference presentations, seminars and publications. *Prerequisite: Permission of instructor*

BSC6846, CRN#

## Scientific Communication

Boca Raton S141, F 1:30-4:20 PM

3 credits

Spring 2023

Prof. Tanja Godenschwege

Office: SC209

Office hours: F 9:30-11:00 AM

Telephone: 561-297-1390

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### Course Description

This is a course for students interested in scientific research. The students are introduced to various techniques and software important for data processing and presentation of their research data. The students learn to effectively present their research to the general public and to the scientific community in written form such as research proposals, conference presentations, seminars and publications.

### Instructional Method

In-Person. There is no remote option for this course. The course contains lectures, classroom exercises, single and group assignments, discussions, presentations, and proposal writing. Students are expected to attend all course sections.

### Course Objectives/Student Learning Outcomes

To enhance the ability of students to communicate scientific topics and their own research to experts as well as laymen in a concise and clear manner.

### Course Evaluation Method

Attendance, homework assignments & presentations, class participation, and final proposal paper will determine the final grade with the following weights:

#### *COVID-19 Statement*

*Due to the surge in COVID-19 cases and the omicron variant, all students regardless of vaccination status are expected to wear masks while indoors in any FAU facilities, including classrooms and laboratories. Students experiencing flu-like symptoms (fever, cough, shortness of breath) or students who have come in contact with confirmed positive cases of COVID-19 should immediately contact FAU Student Health Services (561-297-3512). Symptomatic students will be asked to leave the classroom to support the safety and protection of the university community. For additional information visit [www.fau.edu/coronavirus](http://www.fau.edu/coronavirus). In classes with face-to-face components, quarantined students should notify me immediately as you will not be able to attend class. I will not be able to offer an online version of the class but will make reasonable efforts to assist students in making up the work.*

Poster & Mini Talks	20%
Participation	20%
Assignments	20%
Proposal	20%
Proposal Review	20%

## Course Grading Scale

Grade	Percentage	Grade	Percentage
A	≥ 94	C	≥ 74
A <sup>-</sup>	≥ 90	C <sup>-</sup>	≥ 70
B <sup>+</sup>	≥ 87	D <sup>+</sup>	≥ 67
B	≥ 84	D	≥ 64
B <sup>-</sup>	≥ 80	D <sup>-</sup>	≥ 61
C <sup>+</sup>	≥ 77	F	≤ 61

## Policy on Makeup Tests, Late Work, and Incompletes

It is the responsibility of the student to withdraw from this class, should that status be desired - the instructor cannot withdraw students from the course. The instructor will not give the grade of "I" in lieu of a grade of "D" or "F". The grade of "I" will be considered only in exceptional cases (such as serious illness) for students who are presently performing at a "C" or higher level in the course.

*Attendance.* Students are expected to attend all scheduled classes and arrive on time. If you miss an entire or a part of a class, it will result by default in participation points deductions for that class with no make-up options. Students are responsible to inform themselves about all the material covered during a missed class.

*Assignments, papers and proposals.* Students will be expected to complete homework assignment in a professional manner and submit in time on or before due dates. Assignments may be accepted up to 2 days late, but they will be penalized. Assignments will not be accepted 2 days past due date unless in time requested and approved by the instructor. To master the material covered in this course it is expected that the student will spend a minimum of two hours per week per credit hour on the out of classroom assignments.

## Classroom Etiquette Policy

In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions.

## Policy on the Recording of Lectures

Students enrolled in this course may record video or audio of class lectures for their own personal educational use. A class lecture is defined as a formal or methodical oral presentation

as part of a university course intended to present information or teach students about a particular subject. Recording class activities other than class lectures, including but not limited to student presentations (whether individually or as part of a group), class discussion (except when incidental to and incorporated within a class lecture), labs, clinical presentations such as patient history, academic exercises involving student participation, test or examination administrations, field trips, and private conversations between students in the class or between a student and the lecturer, is prohibited. Recordings may not be used as a substitute for class participation or class attendance and may not be published or shared without the written consent of the faculty member. Failure to adhere to these requirements may constitute a violation of the University's Student Code of Conduct and/or the Code of Academic Integrity.

## Attendance Policy

*Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.* **Religious**

**Accommodations:** Students who wish to be excused from class activities or examinations must notify the instructor in advance of their intention to participate in religious observation and request an excused absence. All coursework has to be made up in a timely fashion as worked out between the student and TA or professor.

## Counseling and Psychological Services (CAPS) Center

*Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>*

## Disability Policy

*In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at [www.fau.edu/sas/](http://www.fau.edu/sas/).*

## Code of Academic Integrity

*Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high-quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#).*

## Required Texts/Readings

1. Scientific Papers and Presentations, Martha Davis, Elsevier Academic press, 2nd or later edition
2. 3<sup>rd</sup> or later Edition, Style: The Basics of Clarity and Grace, Joseph M Williams (e-version available at Pearson).
3. Diverse handouts.

## Course Topical Outline

**This preliminary course schedule is subject to changes announced in class or on canvas.**

Schedule	Date	Topics	Assignment/ homework- due before next class unless otherwise indicated
Week1	Jan 14	Introduction	<b>Writing Book review due Jan 30,</b> <b>Reading:</b> The Basics of Clarity and Grace, Joseph M Williams; Scientific Papers and Presentations, Martha Davis, Chapter 1, 18-19, 20, Elevator pitch
Week2	Jan 21	Scientific poster	<b>Poster draft making due Feb11th:</b> <b>Reading:</b> Canvas posts, Scientific Papers and Presentations, Martha Davis, Chapter 10-12, 15-17
Week3	Jan 28	Figures & software	<b>Citation assignment. Abstract writing.</b> <b>Reading:</b> Canvas posts, Scientific Papers and Presentations, Martha Davis, Chapter 7-9
Week4	Feb 4	Scientific writing	<b>Abstract editing, Reading:</b> Canvas posts, Scientific Papers and Presentations, Martha Davis, Chapter 13-14
Week5	Feb 11	Scientific misconduct & intro to NIH/ NSF grants and PhD proposal	<b>Poster draft-pre-evaluation for class discussion on 18th. Quiz-responsible conduct due March 4th. Aims page due Feb 18th, Research strategy of one aim writing due Feb 28. Final Proposal, CV &amp; Biosketch due April 1st.</b>
Week6	Feb 18	Poster draft discussion	<b>Aims editing due March 5<sup>th</sup>, Proposal Writing, Reading:</b> Canvas posts, Scientific Papers and Presentations, Martha Davis, Chapter 7-10
Week7	Feb 25	Scientific talks	<b>Proposal Writing, Mini Talk preparation, Reading</b> Canvas posts, Scientific Papers



			and Presentations, Martha Davis, Chapter 2-6,
Week8	<b>March 4</b>	<b>Mini-Talks</b>	<b>Proposal Writing</b>
Week9	<b>March 11</b>	<b>Spring break</b>	
Week10	<b>March 18</b>	<b>Mini-Talks</b>	<b>Proposal Writing</b>
Week11	<b>March 25</b>	<b>Mini-Talks</b>	<b>Proposal Writing</b>
Week12	<b>April 1</b>	<b>Reviewing proposals</b>	<b>Final proposal due. Reviewing proposals due April 29rd</b>
Week13	<b>April 8</b>	<b>Finding funding, applications &amp; Fellowships</b>	<b>Reviewing proposals</b>
Week14	<b>Apr 15</b>	<b>Mock review panel meeting</b>	<b>Reviewing proposals</b>
Week15	<b>April 22</b>	<b>Mock review panel meeting</b>	<b>Reviewing proposals</b>
Week16	<b>April 29</b>	<b>No class</b>	
	<b>May9</b>	<b>Grades due</b>	