

## GRADUATE STUDIES (GRAD)

### GRAD 202 Racism in Science (3 Units) Fall

*Instructor(s):* Aimee Medeiros, D'anne Duncan

*Prerequisite(s):* None

*Restrictions:* None

*Activities:* Lecture, Web work, Discussion

This introductory course provides the historical background of systemic racism in scientific research. It explores the relationship between notions of race and science and how scientific research has been informed by and perpetuates anti-Black racism. This course also examines the impact of bias and a lack of diversity in science and ways in which to address these deficiencies. Students will learn the principles of social justice-oriented scientific research and its potential.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** No

**Course Grading Convention:** Letter Grade

**Graduate Division course:** Yes

**Is this a web-based online course?** Yes

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** Yes

**Repeat course for credit?** No

### GRAD 210 Justice, Equity, Diversity and Inclusion Academic Leadership (4 Units) Winter

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* None

*Restrictions:* Instructor approval required.

*Activities:* Seminar, Project, Web work, Workshop

The DEI Academic Leadership course will offer training in diversity, equity, and inclusion (DEI) and leadership to prepare graduate students to incorporate DEI values in scientific leadership roles. Through exposure to terminology, history, theories, self-reflection, and critical discussion, this course aims to develop and apply foundational principles to become a DEI leader in academic institutions and scientific enterprises. Students must submit an application prior to course enrollment.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** Yes

**Course Grading Convention:** Letter Grade

**Graduate Division course:** Yes

**Is this a web-based online course?** Yes

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** Yes

**Repeat course for credit?** No

### GRAD 213 Motivating Informed Decisions (MIND) Catalytic Course (2 Units) Winter

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* None

*Restrictions:* Only graduate students who have been accepted into the MIND Program are allowed to register for this course.

*Activities:* Lecture, Workshop

This MIND Catalytic Course teaches skills in career exploration and professional development, by providing students a conceptual framework and practical tools. The course is career-neutral; it is geared for students who are starting or still considering their career options. The course encourages students to explore and aggressively pursue their career(s) of choice, including those within and beyond academia.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** No

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** Yes

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** Yes

**Repeat course for credit?** No

### GRAD 214 Responsible Conduct of Research and Rigor & Reproducibility (1.5 Units) Winter

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* None.

*Restrictions:* First Year PhD students in the basic sciences

*Activities:* Lecture, Discussion

This course, which will be delivered over two quarters to first year PhD students in the basic sciences, will cover topics related to the responsible conduct of research and rigor and reproducibility. 50% in-person attendance at scheduled lectures and discussions sessions will be expected. Students will review and participate in case study discussions and submit a final written report.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** No

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory), In Progress (IP, SP/UP) grading allowed

**Graduate Division course:** Yes

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** Yes

**Repeat course for credit?** No

## GRAD 215 Managing your Research for Reproducibility (1 Units) Fall

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* None

**Restrictions:** This should be available to all PhD students (the form didn't let us select them all!).

**Activities:** Lecture, Project, Discussion

This course will introduce reproducibility in the biomedical sciences and equip students with tools and strategies to increase the transparency of their research. Students will learn how to use data management plans as a tool for organizing their research, and by the end of the class will have created a plan that meets NIH grant requirements. Students will engage with the material via lecture, hands-on workshops, case study discussions, and project work.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** No

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** Yes

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD)**

**enroll in this course?** Yes

**Repeat course for credit?** Yes

## GRAD 219A Special topics in racism and social justice in science (3 Units) Spring

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* GRAD 202

**Restrictions:** For Graduate Students in the listed programs.

**Activities:** Lecture, Independent Study

Each course offering will focus on literature and scholarship at the intersection of race, racism, and social justice, with biomedical research and health. Students will be expected to evaluate assigned readings critically before class and to present and discuss themes in class. Students will also be expected to write and present an essay that includes critical analysis of topics covered.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** Yes

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD)**

**enroll in this course?** Yes

**Repeat course for credit?** Yes

## GRAD 219B Special topics in racism and social justice in science (3 Units) Spring

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* GRAD 202

**Restrictions:** For Graduate Students in the listed programs.

**Activities:** Lecture, Independent Study

Each course offering will focus on literature and scholarship at the intersection of race, racism, and social justice, with biomedical research and health. Students will be expected to evaluate assigned readings critically before class and to present and discuss themes in class. Students will also be expected to write and present an essay that includes critical analysis of topics covered. Each course in this series (219A, B and C) will focus on different aspects of racist and colonial framework.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** Yes

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD)**

**enroll in this course?** Yes

**Repeat course for credit?** No

## GRAD 219C Special topics in racism and social justice in science (3 Units) Spring

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* GRAD 202

**Restrictions:** For Graduate Students in the listed programs

**Activities:** Lecture, Independent Study

Each course offering will focus on literature and scholarship at the intersection of race, racism, and social justice, with biomedical research and health. Students will be expected to evaluate assigned readings critically before class and to present and discuss themes in class. Students will also be expected to write and present an essay that includes critical analysis of topics covered. Each course in this series (219A, B and C) will focus on different aspects of racist and colonial framework.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** Yes

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD)**

**enroll in this course?** Yes

**Repeat course for credit?** No

## **GRAD 285 Internships and Experiential Learning (GSICE) (1.5 Units) Spring**

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* None

Restrictions: Only graduate students who have been accepted into the GSICE Program are allowed to register for this course.

Activities: Lecture, Workshop

This is the training program for graduate students accepted into the Graduate Student Internships for Career Exploration (GSICE) Program. The course covers career and professional development training (Individual Development Plans, job search skills, interviewing skills, communication skills) with a focus on career transitions that occur at the end of graduate training. Special emphasis is placed on preparation for more intensive career exploration activities, such as internships.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** Yes

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** Yes

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** Yes

**Repeat course for credit?** No

## **GRAD 286 GSICE Curricular Practicum (1 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* D'anne Duncan

*Prerequisite(s):* GRAD 285

Restrictions: None.

Activities: Independent Study

This course is offered to students who require course supervision for an experiential learning/internship opportunity.

**School:** Graduate Division

**Department:** Graduate Studies

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** Yes

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**Graduate Division course:** Yes

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** Yes

**Repeat course for credit?** Yes