# **Course Syllabus**

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### BI 495 Research Seminar I

### Meeting times & Location:

We meet each week. **Meeting day, time:** Monday, 1:30 – 2:20PM. **Location:** Room 201 Eiben Hall

Instructor (Facilitator): Michael Dohm, PhD
Office: WSC 108
E-mail: mdohm [at] chaminade.edu, students use CANVAS messaging
Web site: letgen.org ⇒ (https://letgen.org/)
Office hours: 10:30am - 12:30pm, Mon & Wed or by appointment. Office hours for research mentors should be established individually.

### Syllabus topic quick links

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### **Course Description**

Directed Senior Research is a culmination of the course of study in biology. The steps that you follow here are quite similar to steps taken by biologists in a wide variety of research labs, from generating ideas and research proposals to collection and analysis of data and finally to the presentation of results to other scientists (including those at granting agencies) through a written publication and or a public presentation. You will work in a laboratory with a lab mentor; the BI495 instructor serves as facilitator for your experience learning and conducting research. The weekly meetings with the facilitator will be used to review project progress and to perform exercises that aim to increase your knowledge of topical issues in the realms of biological discovery, scientific ethics and recent technical advances.

### Catalog description

BI 495 Research I (3) Weekly seminar course accompanying research project (approximately 10 hours per week) performed in Chaminade or other research laboratory under supervision of a practicing research scientist.

Prerequisites: BI 308 and BI 308L. Materials intensive fee applies.

#### About you

You should be registered in BI495 if this is your first research semester at Chaminade. You should be registered in BI499 if this is your second research semester at Chaminade. BI495 is a prerequisite for BI499.

### Course resources

No required textbook. Required readings will be provided by instructor.

#### Software

Access to writing apps are required. No specialized software is required.

### Course Management System (CMS)

BI-495 is a web-enhanced course: We meet at the scheduled times like any traditional course, but components of the course are available to you at all times throughout the semester. Chaminade University relies on CANVAS to help manage courses. Access to the site is via <a href="https://chaminade.instructrure.com/courses/35946">https://chaminade.instructrure.com/courses/35946</a>

(<u>https://chaminade.instructrure.com/courses/35946</u>). Logon instructions will be provided on the first day of class. Slides presented during class time are posted on the course website for your use. Assignments and related materials are also made available on the site.

### **Credit Hour Expectations**

BI-495 is a three-credit hour, capstone course and therefore requires a minimum of 135 hours of student engagement (see CUH Credit Hour Policy). One university semester credit hour typically includes one hour of in-class contact time with the professor plus two hours of preparation time by the student. BI-495 requires research activity; thus, over the course of the semester, students enrolled in BI495 are expected to spend about 70 hours in research, 15 hours in quizzes, and 50 hours on homework and research-related activities (data management, analysis, write-ups, meeting with research mentor). These times are approximate -- individual needs may vary.

### **Course Assessment**

1. Hands-on Laboratory Research Project.

You may complete this on or off-campus. Off-campus research internships are typically during the summer prior to your registration in BI495. If you wish to perform on campus research you must be accepted by a research mentor from the list above by the end of week 2 of the semester. You should aim to spend at least 10 hours per week on your research project. Be aware that "10 hours per week" is a minimum; the nature of scientific inquiry means that it can sometimes be time-consuming and the demands on you can be unpredictable. Stay in communication with the BI495 faculty, work with your research mentor about expectations and discuss how you will be able to meet the expectations of both your research laboratory responsibilities and the requirements to complete this course

2. Weekly class meetings and assignments, including two papers:

- (1) Research snapshot
- (2) a Mini review

During the semester we will discuss aspects of conducting research, covering both practical and epistemological issues related to scholarship and research participation. Your attendance and participation is essential, required, and you will be expected to be prepared to participate by completing homework exercises before attending class.

Papers. Students will write two papers. Required elements of the Mini-review paper and the Research snapshot paper will be discussed during the semester. Elements of the required writing include the following.

Type of paper	Focus	Elements	Word limit
Research	A one page summary that describes why your	Title page	500 ( <u>+</u> 50)
snapshot	study was done, key findings, and implications	Abstract	
	for practice and policy, presented in plain	Text body	
	language.		

Type of paper	Focus	Elements	Word limit
Mini-review	Summarizes the background and important concepts relevant to the research topic. Includes discussion of fundamental concepts, perspectives and or controversies; current knowledge and any research gaps. Must not include unpublished material (i.e., do not present your summer research!)	Title page Abstract Introduction Text body Conclusions (include headers) References	2000 ( <u>+</u> 200)
		Must include tables/figures (no more than 3 total)	

**Due dates**. Both papers must be submitted, first as as draft and then, as a final report after corrections are completed.

See **BI495 schedule** (https://chaminade.instructure.com/courses/35946/pages/bi495-schedule?wrap=1) for list of due dates.

All papers will be submitted as pdf files to CANVAS.

3. Peer evaluation and editing of student papers, posters.

Although subjective and far from perfect, the peer review process is regarded as an essential component of doing science. Thus, students will learn how to conduct reviews of each other's work. In addition, some students will be asked to help with editing duties – those students who have already completed their research through participation in summer research will assist the instructor with improving all written materials produced in the class. Peer evaluation and/or editing must be completed by week 10 for Research snapshots and by week 12 for Mini-reviews. We will utilize anonymous peer review principles – only the instructor will know names of student authors and the names of students who reviewed the work of others. Similarly, names of student authors will be not be disclosed to student editors.

4. Poster presentation to faculty and staff in week 14 - 15 of the semester.

Posters. You will create and present a poster documenting your research project at our minisymposium. A single sheet poster will be required. The poster will include title, authors and affiliations, abstract, background, methods, results and data, discussion, literature cited and acknowledgements. PowerPoint templates for poster design are recommended and will be provided on request by the instructor. Your poster will be printed for you, provided you meet the deadline (week 11). The minisymposium. At the mandatory poster presentation session you should be prepared to give a brief oral presentation of your poster and answer questions from faculty and your peers. Faculty will complete an evaluation of your presentation and this element will be included as part of your score for this graded element of the course (up to 50 pts possible).

Presentations will be held on campus in week 15 of the semester. The room location and date of this symposium will be announced in class.

### Grading

Grading distribution

Graded items		Point	S
Attendance and participation in weekly meetings and forum		100	
Poster Presentation		150	
Judging (50 pts possible)			
Written papers		150	
Research snapshot			
Draft (30 pts) + Final (15 pts)			
Final paper also evaluated for formatting, grammar, spelling (5 pts)			
Mini-review			
Draft (60 pts) + Final (30 pts)			
Final paper also evaluated for formatting, grammar, spelling (10 pts)			
Peer review and/or editing duties		100	
	Total =	500	
Grades assigned as follow			
A Outstanding scholarship and an unusual degree of intellectual i	nitiative		450 – 500
B Superior work done in a consistent and intellectual manner			400 – 449

С	Average grade indicating a competent grasp of subject matter	350 – 399
D	Inferior work of the lowest passing grade, not satisfactory for fulfillment of prerequisite course work	300 – 349
F	Failed to grasp the minimum subject matter; no credit given	< 299
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### Course schedule

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# Student (Course) Learning Outcomes

Successful completion of this course should provide students with the following learning outcomes:

- 1. Demonstration of the ability to organize and perform biological research using the scientific method.
- 2. Demonstration of the ability to complete a library search of biological literature.
- 3. Demonstration of understanding problems involved in conducting research in biology.
- 4. Demonstration of the ability to critically analyze data.
- 5. Demonstration of competency in using biological techniques and instruments.
- 6. Demonstration of ability to conduct peer-evaluation of written materials.
- 7. Completion of writing up of a review paper on your research topic formatted/edited for submission to a peer- reviewed journal.
- 8. Completion of writing up of a Research snapshot on your research topic formatted/edited for submission to a Science News online forum.
- 9. Completion and presentation of a poster documenting the research project for an audience of peers and professional scientists.

# Biology Program Learning Outcomes (PLO)

Upon completion of the B.S. degree program in Biology the student will demonstrate:

- 1. An understanding of the scientific method and the ability to design and test a hypothesis
- 2. The ability to visualize, statistically evaluate, validate and interpret scientific data, and to communicate science effectively both orally and in writing
- 3. The ability to acquire and comprehend information from published scientific literature and to employ computational resources in the resolution of biological problems
- 4. An understanding of the chemical and physical principles that unite all life forms, and of biological organization at the molecular, cellular, tissue, organ, organism and system levels
- 5. The ability to define the components and processes of genetic and epigenetic information transmission, and their determinant effects on the adaptive and evolutionary processes that they

drive

6. An understanding of the entry requirements, career pathways and progression for the major postgraduate fields of research, education and the health professions

### Map CLO and BPLO

BI495 & BI499 CLO	Biology PLO number
Demonstration of the ability to organize and perform biological research using the scientific method.	1, 6
Demonstration of the ability to complete a library search of biological literature.	3
Demonstration of understanding problems involved in conducting research in biology.	2, 3, 6
Demonstration of the ability to critically analyze data.	2
Demonstration of competency in using biological techniques and instruments.	
Demonstration of ability to conduct peer-evaluation of written materials.	2, 6
Completion of writing up of a review paper on your research topic formatted/edited for submission to a peer- reviewed journal.	2, 6
Completion of writing up of a Research snapshot on your research topic formatted/edited for submission to a Science News online forum.	2
Completion and presentation of a poster documenting the research project for an audience of peers and professional scientists.	2, 6

# University Learning Outcomes

### **Marianist Values**

This class represents one component of your education at Chaminade University of Honolulu. An education in the Marianist Tradition is marked by five principles and you should take every opportunity possible to reflect upon the role of these characteristics in your education and development:

- 1. Education for formation in faith
- 2. Provide an integral, quality education

- 3. Educate in family spirit
- 4. Educate for service, justice and peace
- 5. Educate for adaptation and change

#### Native Hawaiian Values

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized, the forgotten, and the oppressed, always with an eye toward God (Ke Akua). This is reflected in the 'Olelo No'eau (Hawaiian proverbs) and Marianist core beliefs:

- 1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Ōlelo No'eau 364) May I live by God
- Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kū'ono'ono ('Ōlelo No'eau 1957) Acquire skill and make it deep
- Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana 'ohana ('Ōlelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship
- 4. Educate for Service, Justice and Peace (Aloha) Ka lama kū o ka no'eau ('Ōlelo No'eau 1430) Education is the standing torch of wisdom
- 5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Ōlelo No'eau 203) All knowledge is not taught in the same school

# Alignment of Natural Sciences Courses with Marianist and Hawaiian values of the University.

The Natural Sciences Division provides an integral, quality education: sophisticated integrative course content taught by experienced, dedicated, and well-educated instructors.

- We educate in the family spirit every classroom is an Ohana and you can expect to be respected yet challenged in an environment that is supportive, inclusively by instructors who take the time to personally get to know and care for you.
- We educate for service, justice and peace, since many of the most pressing global issues (climate change, health inequity, poverty, justice) are those which science and technology investigate, establish ethical parameters for, and offer solutions to.
- We educate for adaptation and change. In science and technology, the only constant is change. Data, techniques, technologies, questions, interpretations and ethical landscapes are constantly evolving, and we teach students to thrive on this dynamic uncertainty.

The study of science and technology can be formative, exploring human creativity and potential in the development of technologies and scientific solutions, the opportunity to engage in the stewardship of the natural world, and the opportunity to promote social justice. We provide opportunities to engage with the problems that face Hawai'i and the Pacific region through the Natural Sciences curriculum, in particular, those centered around severe challenges in health, poverty, environmental resilience, and erosion of

traditional culture. The Marianist Educational Values relate to Native Hawaiian ideas of mana, na'auao, ohana, aloha and aina. We intend for our Natural Sciences programs to be culturally-sustaining, rooted in our Hawaiian place, and centered on core values of Maiau, be neat, prepared, careful in all we do; Makawalu, demonstrate foresight and planning; `Ai, sustain mind and body; Pa`a Na`au, learn deeply.

### Course and University policies

### **Tutoring and Writing Services**

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua 'Ike: Center for Student Learning in a variety of subjects (including, but are not limited to biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check Kōkua 'Ike's website for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click on Account > TutorMe. For more information, please contact Kōkua 'Ike at tutoring@chaminade.edu or 808-739-8305.

### Student with Disabilities Statement

Chaminade University of Honolulu offers accommodations for all actively enrolled students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, and the ADA Amendments Act (2008).

Students are responsible for contacting <u>Kokua Ike: Center for Student Learning</u> ⇒ (<u>https://chaminade.edu/student-success/kokua-ike/)</u> to schedule an appointment. Verification of their disability will be requested through appropriate documentation and once received it will take up to approximately 2–3 weeks to review them. Appropriate paperwork will be completed by the student before notification will be sent out to their instructors. Accommodation paperwork will not be automatically sent out to instructors each semester, as the student is responsible to notify <u>Kokua Ike</u> ⇒ (<u>https://chaminade.edu/student-success/kokua-ike/)</u> via email at ada[at]chaminade.edu each semester if changes or notifications are needed.

### Title IX and Nondiscrimination Statement

Chaminade University of Honolulu is committed to providing a learning, working and living environment that promotes the dignity of all people, inclusivity and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking. As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator.

### Nondiscrimination Policy & Notice of Nondiscrimination

Chaminade University of Honolulu does not discriminate on the basis of sex and prohibits sex discrimination in any education program or activity that it operates, as required by Title IX and its

regulations, including in admission and employment. Inquiries about Title IX may be referred to the University's Title IX Coordinator, the U.S. Department of Education's Office for Civil Rights, or both and contact information may be found at the <u>Chaminade University Title IX Office Contact Information</u> <u>and Confidential Resources website</u> (<u>https://chaminade.edu/compliance/contact-information/</u>). On-campus Confidential Resources may also be found here at <u>CAMPUS CONFIDENTIAL RESOURCES</u> (<u>https://chaminade.edu/compliance/contact-information/</u>).</u>

The University's Nondiscrimination Policy and Grievance Procedures can be located on the University webpage at: <a href="https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-procedures/">https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-procedures/</a> (<a href="https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-procedures/">https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-proc

To report information about conduct that may constitute sex discrimination or make a complaint of sex discrimination under Title IX, please refer to the <u>Campus Incident Report form</u> ⇒ (<u>https://cm.maxient.com/reportingform.php?ChaminadeUniv&layout\_id=0</u>). Chaminade University of Honolulu prohibits sex discrimination in any education program or activity that it operates. The <u>NOTICE</u> <u>of NONDISCRIMINATION</u> ⇒ (<u>https://chaminade.edu/compliance/title-ix-nondiscrimination-policy/</u>) can be found here: Notice of Nondiscrimination.

### CUH Alert Emergency Notification

To get the latest emergency communication from Chaminade University, students' cell numbers will be connected to Chaminade's emergency notification text system. When you log in to the Chaminade portal, you will be asked to provide some emergency contact information. If you provide a cellphone number, you will receive a text from our emergency notification system asking you to confirm your number. You must respond to that message to complete your registration and get emergency notifications on your phone.

#### Assessment for Student Work

With the goal of continuing to improve the quality of educational services offered to students, Chaminade University conducts assessments of student achievement of course, program, and institutional learning outcomes. Student work is used anonymously as the basis of these assessments, and the work you do in this course may be used in these assessment efforts.

#### Canvas "grading"

Canvas "grades" are tentative and not official. Canvas scores available to students are not official until the instructor announces such to the class. Official grading is done by the instructor and records are kept on the instructor's computer.

#### Instructor and Student Communication

Questions about assignments, but not grade challenge for assignments should be asked during class time. All questions for this course can be posted to the instructor via CANVAS Messaging. Online (e.g., Zoom) and in-person conferences can be arranged. Most messages to Canvas will be replied within 24

hours between Monday and Friday; messages sent to instructor on Friday will be replied to on Monday. Please note that questions or communication about the course sent to instructor's chaminade.edu e-mail may take up to 7 days for response. In general, the reply will not answer the question but will request you repost at the proper venue (CANVAS Messaging).

Graded materials will generally be returned within 7 - 10 days.

CANVAS allows Comments and the instructor will use this feature to add context to grading of assignments. If you have questions or are instructed to follow up based on Comments, please communicate via CANVAS Messaging, not by adding to the assignment comments.

### Attendance Policy

The following attendance policy is from the Chaminade University Undergraduate Catalog (https://catalog.chaminade.edu/generalinformation/academicaffairs/policies/attendance) : Students are expected to attend regularly all courses for which they are registered. Student should notify their instructors when illness or other extenuating circumstances prevents them from attending class and make arrangements to complete missed assignments. Notification may be done by emailing the instructor's Chaminade email address, calling the instructor's campus extension, or by leaving a message with the instructor's division office. It is the instructor's prerogative to modify deadlines of course requirements accordingly. Any student who stops attending a course without officially withdrawing may receive a failing grade. Unexcused absences equivalent to more than a week of classes may lead to a grade reduction for the course. Any unexcused absence of two consecutive weeks or more may result in being withdrawn from the course by the instructor, although the instructor is not required to withdraw students in that scenario. Repeated absences put students at risk of failing grades. Students with disabilities who have obtained accommodations from the Chaminade University of Honolulu ADA Coordinator may be considered for an exception when the accommodation does not materially alter the attainment of the learning outcomes. Federal regulations require continued attendance for continuing payment of financial aid. When illness or personal reasons necessitate continued absence, the student should communicate first with the instructor to review the options. Anyone who stops attending a course without official withdrawal may receive a failing grade or be withdrawn by the instructor at the instructor's discretion.

### **Online Attendance**

During the first three weeks (subject to change), this course is primarily online. Attendance for this course during the online phase is based on the (1) timely submission of assignments and/or (2) logging onto the course at least once per week. Students will receive credit for 'attending' the class each time a weekly assignment is submitted and/or each time student signs on to the course and navigate to at least one page or module removed from the home page within the Canvas system for the course. Some weekly lessons require the submission of one assignment, some require two. Each lesson will indicate when it is complete. The student is responsible for pressing the 'submit' button each time he or she has

completed an assignment. If the page indicating that the assignment has been submitted does not appear, then the assignment has not been submitted.

### Late Work Policy

There are no make-ups for quizzes, unless a physician's note documents your absence during quizzes. Journal article presentations CANNOT be made-up. Quizzes and assignments are due by 8:59am HST on the assigned date. Up to 10% grade reduction will be assessed for each 12 hour late assignment. All quizzes and assignments close by 3 days post the due date.

### Grades of "Incomplete"

Students and instructors may negotiate an incomplete grade when there are specific justifying circumstances. An Incomplete Contract (available from the Divisional Secretary and the Portal) must be completed. When submitting a grade, the "I" will be accompanied by the alternative grade that will automatically be assigned after 30 days. These include IB, IC, ID, and IF. If only an "I" is submitted the default grade is F. The completion of the work, evaluation, and reporting of the final grade is due within 30 days after the end of the semester or term. This limit may not be extended.

### Writing Policy

Instructions for the writing assignments are detailed for each individual assignment on the canvas course page.

Potential resources for writing assignments:

- Google Scholar
- Pubmed
- Sullivan Library

### Cell phones, tablets, and laptops

Instructor policy: Students are encouraged to use personal digital devices during class provided such use does not distract others or interfere with class activities.

University policy. Music Devices and Cellular Phones: *Unless specifically permitted by your instructor* [emphasis by instructor], use of music devices and cell phones is prohibited during all Natural Science and Mathematics classes, as it is discourteous and may lead to suspicion of academic misconduct. Students unable to comply will be asked to leave class. Out of consideration for your classmates, please set your cell phone to silent mode during class. Students are encouraged to bring laptops or tablets to class as the instructor will assign online activities and readings that will require the use of a laptop or tablet. Laptops and tablets should not be misused, such as checking distracting websites. Use your best judgment and respect your classmates and instructor.

Recording of lecture material

Students may not record audio or video of lectures conducted by the instructor nor of any media presented during the lecture without prior permission from the instructor. All materials presented in class by the instructor will be made available to students.

### Academic honesty

Academic honesty is an essential aspect of all learning, scholarship, and research. It is one of the values regarded most highly by academic communities throughout the world. Violations of the principle of academic honesty are extremely serious and will not be tolerated.

Students are responsible for promoting academic honesty at Chaminade by not participating in any act of dishonesty and by reporting any incidence of academic dishonesty to an instructor or to a University official. Academic dishonesty may include theft of records or examinations, alteration of grades, and plagiarism, in addition to more obvious dishonesty.

Questions of academic dishonesty in a particular class are first reviewed by the instructor, who must make a report with recommendations to the Dean of the Academic Division. Punishment for academic dishonesty will be determined by the instructor and the Dean of Academic Division and may include an "F" grade for the work in question, an "F" grade for the course, suspension, or dismissal from the University.

Violations of Academic Integrity: Violations of the principle include, but are not limited to:

- Cheating: Intentionally using or attempting to use unauthorized materials, information, notes, study aids, or other devices in an academic exercise.
- Fabrication and Falsification: Intentional and unauthorized alteration or invention of any information or citation in an academic exercise. Falsification is a matter of inventing or counterfeiting information for use in any academic exercise.
- Multiple Submissions: The submission of substantial portions of the same academic work for credit (including oral reports) more than once without authorization.
- Plagiarism: Intentionally or knowingly presenting the work of another as one's own original work (i.e., without proper acknowledgment of the source).
- Abuse of Academic Materials: Intentionally or knowingly destroying, stealing, or making inaccessible library or other academic resource materials.
- Complicity in Academic Dishonesty: Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

Plagiarism includes, but is not limited to:

- Complete or partial copying directly from a published or unpublished source without proper acknowledgement to the author. Minor changes in wording or syntax are not sufficient to avoid charges of plagiarism. Proper acknowledgement of the source of a text is always mandatory.
- Paraphrasing the work of another without proper author acknowledgement.
- Use of generative artificial intelligence (AI) without permission by instructor. Sentences, paragraphs, or entire papers written by AI is not original work.

- Students are encouraged to utilize change tracking and history functions of their word processing software to help document that a work is original to the student.
- Submitting as one's own original work, however freely given or purchased, the original exam, research paper, manuscript, report, computer file, or other assignment that has been prepared by another individual.

For the most up to date information, please refer to the Academic Honesty Policy on the Chaminade University Catalog website.

### CANVAS assignments

The CANVAS summary is provided for your convenience -- check Course Schedule page for deadlines.

## Course Summary:

Date	Details	Due
Fri Aug 23, 2024	Proposed research activity due b <u>(https://chaminade.instructure.com/courses/35946/assignments/356851)</u>	y 5pm
	Key scientific questions due b (https://chaminade.instructure.com/courses/35946/assignments/356849)	y 5pm
Fri Sep 6, 2024	What makes a good project? due b (https://chaminade.instructure.com/courses/35946/assignments/356852)	y 5pm
Sun Sep 15, 2024	<u>Week05 project status</u> <u>(https://chaminade.instructure.com/courses/35946/assignments/356841)</u>	:59pm
Mon Sep 16, 2024	From research paper to         research synopsis.         (https://chaminade.instructure.com/courses/35946/assignments/356848)	:59pm
Mon Sep 30, 2024	<u>Complete CDC training</u> <u>modules</u> due b <u>(https://chaminade.instructure.com/courses/35946/assignments/356842)</u>	y 5pm
	Draft Mini review     due by 11     (https://chaminade.instructure.com/courses/35946/assignments/356843)	:59pm
Sun Oct 20, 2024	Draft Research Snapshot     due by 11     (https://chaminade.instructure.com/courses/35946/assignments/356844)	:59pm

Date	Details	Due
Wed Nov 20, 2024	Final Research Snapshot  (https://chaminade.instructure.com/courses/35946/assignmen	due by 11:59pm <u>ts/356846)</u>
Fri Nov 22, 2024	Final presentation <u>(https://chaminade.instructure.com/courses/35946/assignmer</u> )	due by 5pm . <u>ts/356847)</u>
Thu Nov 28, 2024	Project Peer evaluation (https://chaminade.instructure.com/courses/35946/assignmer	due by 11:59pm <u>ts/356850)</u>
Fri Dec 6, 2024	Final Mini Review  (https://chaminade.instructure.com/courses/35946/assignment)	due by 5pm . <u>ts/356845)</u>