

Diamond's Anatomy Enrichment Program

IB 198-004 Spring 2022

2 units P/NP | CCN: 26785 | Enrollment Permission Required

Thursdays 6-8 p.m., location VLSB 3019

Facilitators: Laura Wang, Anna Pi, Diana Chernyak

Volunteer Instructor: Coral Lwin

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Faculty Sponsor: Juan Liu

Course Description

Diamond's Anatomy Enrichment Program is held in honor of the legacy of Professor Marian Diamond, with this semester marking the 45th year of this course. The purpose of this course is for former human anatomy students to research, discuss, design, and implement lesson plans to present to grade-school children in local public elementary schools. This program has a two-part mission: firstly, to introduce teaching methods to pre-health students, and secondly, to illustrate the wonders of the human body, spark an interest in science, and promote health and self-care to grade-school children.

Learning Objectives

Throughout this course, students will:

- ❖ Develop stronger teaching skills by learning and practicing effective teaching methods
- ❖ Collaborate efficiently with colleagues to design standards-based anatomy lesson plans
- ❖ Carry out effective teaching demonstrations through the use of supplemental materials
- ❖ Gain a better understanding of the processes involved in the larger scope of education

Overview

Students will collaborate with 2-3 team members to:

- ❖ Select a human anatomy topic to teach
- ❖ Design and continuously improve a lesson plan
- ❖ Rehearse lesson and gain feedback from fellow classmates
- ❖ Peer-review other students' lessons
- ❖ Execute lesson in virtual elementary school classrooms
- ❖ Document and discuss experiences throughout the semester
- ❖ Write a final reflection on experience for future participants of the program

Enrollment Prerequisites and Policies

To be eligible to join, students must complete an application and have an upper-level knowledge of human anatomy. Permission to enroll from the instructor is required. Enrollment is on a

first-come, first-served basis, with priority given to students who have passed Human Anatomy (IB 131 or IB 131L). Students who have taken Human Physiology and students who have taken an equivalent human anatomy/physiology course at another accredited university are also encouraged to apply.

Rules and Requirements

Attendance: Synchronous attendance is required for all scheduled meetings. Absences will be excused under limited circumstances (i.e. illness, personal/family emergency, etc.). It is the responsibility of the student to inform the instructor of such circumstances prior to the absence, if possible.

Assignments: Assignments are noted in the course schedule and assignment details can be found on the course website (bcourses.berkeley.edu). Due to the nature of this course, the timeliness of assignment completion will be enforced. Late submissions will be accepted under limited circumstances at the discretion of the instructor.

Additional Time Commitment: Students are expected to coordinate with their team members to meet outside of the scheduled class time to work on lesson design, rehearse their lesson, communicate with classroom teachers, and visit classrooms to execute their lesson. *Students must be able to commit to a total of four (4) classroom visits (approximately one hour each) throughout the semester.* Classroom visits will only take place between the hours of 8 a.m. and 3 p.m. on weekdays.

Students with Disabilities

Students who require accommodations due to a physical, emotional, or learning disability should contact UC Berkeley's Disabled Students' Program (DSP). Please notify the instructor of any accommodation requests made for this course.

Evaluation and Grades

This course is P/NP only. Points are awarded predominantly based on completion and effort. Each component is weighted as follows:

❖ Attendance (13 Synchronous Zoom Meetings)	25%	❖
Assignments (Lesson Plan Progress Checks, Reflection Essay, etc.)	25%	❖
Final Lesson Plan (One Final Draft of Lesson)	25%	❖
Teaching Commitments* (4 Virtual Classroom Visits)	25%	

**An unexcused absence from a teaching commitment will result in an automatic fail*

Students must receive a minimum total score of 90% at the end of the semester to pass.

Course Schedule

Date	Meeting Topic	Homework
01/27	Orientation Class Activity	Teaching Team Sign-Up Form <i>Due 01/30</i>
02/03	CRS & BASIS Introduction BASIS Lesson Demonstration Teamwork Strategies	Select a Lesson Topic with Team <i>Due 02/9</i>
02/10	Decide Classroom Visit Dates Share Lesson Topics & Activity Ideas Teaching Methods & Skills	Lesson Outline & Teaching Date Selections <i>Due 02/15</i>
02/17	Presentation Slides Tutorial Work on Lessons in Breakout Rooms	Rough Draft of Lesson & Team Collaboration Survey <i>Due 02/22</i>
02/24	Present Your Activities & Discussion Work on Lessons in Breakout Rooms	Revised Draft of Lesson <i>Due 03/01</i>
03/03	Lesson Rehearsal I Peer Reviews	Rehearse Your Lesson
03/10	Lesson Rehearsal II Peer Reviews	<i>Continue Rehearsing Lesson</i>
03/17	*First Week of Teaching* Class Discussion/Feedback Belated Marian Diamond Day Celebration	<i>Continue Rehearsing Lesson and eat some pie</i>
03/24	<i>UC Berkeley Spring Break - No Meeting</i> <i>(continue teaching if available)</i>	<i>Continue Rehearsing Lesson</i>
03/31	Continue Teaching Discussion on Ways to Improve	<i>Continue Rehearsing Lesson</i>
04/07	<i>Berkeley Unified School District's Spring Break</i> <i>(no teaching this week)</i> Lesson Performance Recordings	<i>Continue Rehearsing Lesson</i>
04/14	Continue Teaching Discussion on Teaching Experiences	<i>Continue Rehearsing Lesson</i>
04/21	Continue Teaching Review Teacher Evaluations	Submit Final Lesson Plan & Materials <i>Due 04/27</i>
04/28	End of Semester Discussion & Reflection	Final Reflection Essay <i>Due 05/05</i>