



CNSM PEER MENTOR/TUTOR POSITION DESCRIPTION

Jensen SAS Center and Lindgren Math Tutoring Center

AY 2024-2025

The CNSM Peer Mentor/Tutor position will provide tutoring for undergraduate CNSM courses for the Lindgren Math Tutoring Center and the Jensen SAS Center in the College of Natural Sciences and Mathematics. Students in this role will also mentor CNSM freshmen from each CNSM major and assist with CNSM activities, events, and campaigns.

Important Dates

Application Timeline

- Online application due Sunday, May 7, 2024, at 11:59pm PST.
- SAS and Lindgren Interviews will run from May 20 – May 31, 2024, via Zoom.
- Decision letters out via email in June 2024.

Employment Dates

- Fall & Spring Tutoring/Peer Mentoring: August 2024 – May 2024
- Summer Peer Mentoring: July 2025 – August 2025

Mandatory Paid Training Dates

August 15 – 16, 2024

Position Details

Payrate

- Graduate Students: \$21.00/hour
- Undergraduate Students: \$17.35/hour

Employment Criteria

- Undergraduate or graduate in CNSM.
- Must be able to tutor at least 3 courses listed on pages 3 & 4.
- Exception: Graduate students in the Department of Mathematics, Chemistry, or Physics are eligible for this position
- Minimum 3.0 GPA required.
- Able to tutor introductory CNSM courses and, potentially, upper division CNSM courses.
- Interest in mentoring freshmen and academically at-risk CNSM students.
- Must be available to tutor both in-person and online.
- Desire to represent the CNSM, the Jensen SAS Center, Lindgren, and CSULB during outreach and orientation activities.

Job Responsibilities

- Tutor undergraduate courses during drop-in hours in Lindgren or SAS.
- Mentor and tutor a caseload of first-time, first-year CNSM students in learning communities.
- Assist with CNSM events (i.e., First Year Welcome, CNSM Showcase, Research Symposium).
- Attend paid August and January training in its entirety.
- Complete other duties as assigned.

Course list is found on the following pages.

Course List

Chemistry Courses

Chemistry	Course Name
102	Introduction to General Chemistry
111A	General Chemistry
111B	General Chemistry
220A	Organic Chemistry 1
220B	Organic Chemistry 2
223A	Organic Chemistry 1 Lab
223B	Organic Chemistry 2 Lab
227	Fundamentals of Organic Chemistry
241	Explorations in Biochemistry
251	Quantitative Analysis
331	Inorganic Chemistry
361	Chemical Communications
371A	Physical Chemistry: Thermodynamics and Kinetics
371B	Physical Chemistry: Quantum Mechanics and Spectroscopy
379	Physical Chemistry for the Biosciences
431	Advanced Inorganic Chemistry
441A	Biological Chemistry
441B	Biological Chemistry
443	Biochemistry Laboratory
448	Fundamentals of Biological Chemistry
451	Instrumental Methods of Analysis

Biology Courses

Biology	Course Name
153	Introduction to Marine Biology
200	General Biology
211	Introduction to Evolution and Diversity
212	Introduction to Cell and Molecular Biology
213	Introduction to Ecology and Physiology
260	Biostatistics
312	Evolutionary Biology
316	General Entomology
340	Molecular Cell Biology
350	General Ecology
370	General Genetics
342	Human/Mammalian Physiology

Physics Courses

Physics	Course Name
100A	General Physics
100B	General Physics
151	Mechanics and Heat
152	Electricity and Magnetism
254	Applied Modern Physics
310	Analytical Mechanics
320	Thermodynamics
340A	Electricity and Magnetism 1
340B	Electricity and Magnetism 2
360	Physics with Symbolic Algebra Software

Mathematics Courses

Mathematics	Course Name
111	Precalculus Trigonometry
112A	Essential Algebra A
112B	Essential Algebra B
113	Precalculus Algebra
119A	Survey of Calculus 1
119B	Survey of Calculus 2
122	Calculus 1
123	Calculus 2
224	Calculus 3
233	Fundamental Concepts for Advanced Mathematics
247	Introduction to Linear Algebra
310	History of Early Mathematics
323	Introduction to Numerical Analysis
355	College Geometry
341	Number Theory
361A	Introduction to Mathematical Analysis 1
361B	Introduction to Mathematical Analysis 2
364A	Ordinary Differential Equations 1
364B	Ordinary Differential Equations 2
370A	Applied Mathematics
380	Probability and Statistics
381	Mathematical Statistics
410	History of Modern Mathematics
444	Introduction to Abstract Algebra
445	Abstract Algebra for Secondary Mathematics Teachers