CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY















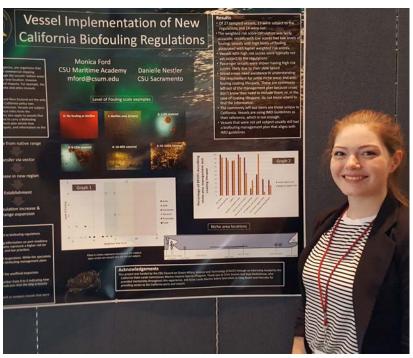












OPPORTUNITIES AS VAST AS THE OCEANS

Education, experience, leadership, and the ability to adapt are crucial elements for success in your future. Our mission is to provide our students with an education rooted in intellectual learning, applied technology, leadership development and global awareness.

At Cal Maritime, we provide you with the tools necessary to chart your course and launch your career. From engineering to marine transportation, from international relations to international business, from logistics to oceanography, our programs will give you the knowledge, skills, and leadership opportunities essential in the ever-evolving global economy.

Your investment in time and effort to earn a degree from Cal Maritime will be well rewarded. Our affordable cost, along with our graduates' high success rates, creates a nearly unbeatable combination.









Majors

WWW.CSUM.EDU/

OUR LIVING LEARNING







BUSINESS ADMINISTRATION

2 concentrations offered:

- International Supply Chain
- International Maritime Business

Emphasis on practical, industryfocused training through co-ops and internships. Opportunities to attend industry-related conferences and supply chain-related Case Study Competitions.

Curriculum includes a summer international experience, and one summer internship.

Gain essential skills for careers in US Custom Brokerage, Imports/Exports, Inventory Analysis, Logistics Analysis, Port & Terminal Management, Production Planning, Procurement or Contracts, Ship Agency/Brokerage.

Accreditation: International Accreditation Council for Business Education.



GLOBAL STUDIES AND MARITIME AFFAIRS

Courses in international relations and the social sciences, with an emphasis on maritime and environmental policy.

Curriculum includes one international experience, and one summer internship

Gain essential skills for careers in maritime security (port security, vessel piracy, maritime terrorism), maritime trade and economics, maritime environmental policy and law.

Prepare to be a leader and decision maker for global maritime policy agencies, organizations, and corporations.



OCEANOGRAPHY

Provides broad marine science background.

Benefit from being in the San Francisco Bay Area for experiences in vessel-based measurements and research.

Curriculum includes one international research experience, and one summer internship.

Gain essential skills for careers in oceanography, environmental science and policy, climatology, hydrology and geology.

Prepare for positions at sea or onshore. Develop workforceready skills and professional networks key in successful postgraduation placement.

Prepare for graduate study in oceanography or related fields.



MARINE TRANSPORTATION

Provides a broad understanding of the maritime industry, as well as navigation and ship-handling skills.

Engage in a combination of coursework, simulator experience, technical expertise and three training cruises.

Prepare to be a licensed deck officer on a large ship, ferry, or tug, or for careers in stevedoring, marine sales or port and terminal management.

Only maritime academy with global accreditation in Dynamic Positioning.

Certifications: Fast-Rescue Boat and Towing Officer Assessment Record (TOAR).



FACILITIES ENGINEERING TECHNOLOGY

Provides engineering technology coursework, practical experience, including simulators.

Curriculum includes one international experience and two internships.

Learn how to design, maintain, and operate land-based physical plants found in power generation plants, universities, hospitals, stadiums, and high-tech manufacturing facilities.

Accreditation: Engineering Technology Accreditation Commission of ABET.



MARINE ENGINEERING TECHNOLOGY

Combines theory and applied engineering coursework with practical experience, including simulators and three training cruises. An emphasis on math and science coursework with intensive hands-on engineering plant operations courses.

Develop decision-making skills needed to design, operate and maintain the physical plant on a ship.

Prepare to work as a licensed Third Assistant Engineer on U.S. ships on any ocean regardless of tonnage, horsepower, or size.

Accreditation: Engineering Technology Accreditation Commission of ABET.

MECHANICAL ENGINEERING

Comprehensive theoretical background coupled with extensive hands-on experiences teach theory, design, development, manufacturing, testing and simulation of mechanical systems.

Curriculum includes a combination of training cruises and summer internships.

Prepares graduates for positions in design, manufacturing, operations, or management in any industry. USCG Licensed option available to pursue a career as a Third Assistant Engineer on any US ship, on any body of water.

Accreditation: Engineering Accreditation Commission of ABET.





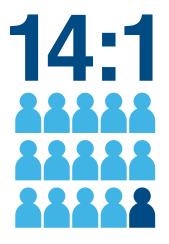




Marine Transportation, Facilities Engineering Technology, Marine Engineering Technology and Mechanical Engineering are impacted majors for Fall 2022.

Beyond Textbooks

WWW.CSUM.EDU/ BEYONDBOOKS



STUDENT TO FACULTY RATIO

Cal Maritime offers education on a more personal scale and in a more engaging way than larger campuses. We combine our average class size of 18 with a blend of courses carefully cultivated on your major area of study. Instructors go beyond simply delivering the lecture; they inspire, mentor, and have an impact on the lives of their students.

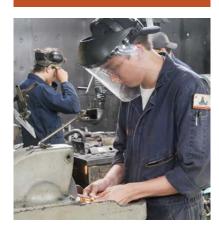
THEORETICAL AND PRACTICAL COURSEWORK

designed to provide you with some of the best real-life preparation available anywhere. Fundamental concepts and theories will come to life as you apply them in labs, simulators, internships, co-ops, and on the Training Ship *Golden Bear*. This hands-on approach will allow you to conduct research and to practice your skills prior to entering the professional world.

As an example, students in the business administration, global studies, and oceanography programs visit and intern with local businesses and government agencies. They also have opportunities to attend industry-related conferences and networking events. Business administration students will have opportunities to participate in **INVENTORY WATCH** operating, analyzing and managing inventory of parts in the Cal Maritime Boathouse. All engineering and marine transportation students gain experience in the field to complement their lab and simulator work on campus.

LABS

- Chemistry
- Computers
- Design
- Electricity
- Electronics
- Fluids
- HVAC
- Machine
- Materials
- Mechanics
- Navigation
- Oceanography
- Physics
- Radar
- Refrigeration
- Welding



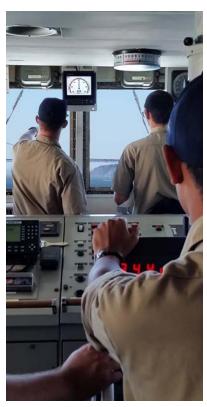
SIMULATORS

- Crisis Management
- Diesel Plant
- Global Maritime Distress and Safety System
- Liquefied Natural Gas
- Power Plant
- Radar
- Ship Handling
- Spill Management
- Steam Plant



VESSELS

- Barge
- Oil Vessel Spill Recovery
- Sailboats
- T-Boats
- Training Ship Golden Bear
- Tug Boats
- Whale Boats



Learn, Lead, Succeed

WWW.CSUM.EDU/ LEADERSHIP

AT CAL MARITIME leadership development is infused into all areas of academics and student life. All students are required to participate in the Corps of Cadets, but also have the opportunity to participate in three separate, but interrelated, leadership programs — the Associated Students (student government), Housing and Residential Life, and the Student Athlete Council. These branches of leadership serve as conduits for leadership training opportunities, peer mentoring, and academic support.



A cadet is a maritime leader, a loyal "shipmate;" ethical, responsive, goal-oriented, strives for excellence, confident, and adaptive. Each student's leadership accomplishments will develop into a portfolio available to future employers and graduate schools. This attention to leadership has always been a major factor in employer preference for Cal Maritime graduates.









SCHOOL UNIFORMS AT CAL MARITIME

Uniforms are an important part of the professional development and success of all our students. This requirement recognizes that the majority of workplaces have dress codes. The Cal Maritime grooming and dress standards, as well as other requirements unique to a maritime academy, such as formation (pictured right) and watch-standing, reinforce the professionalism expected in and outside of the classroom and prepare you for life after graduation.



Global Awareness / International Experiences

INTERNATIONAL STUDY TOURS

As a business administration or global studies student, you have a unique opportunity to take an active role in our global community through a three to four-week international study tour programs. For oceanography students, an international research opportunity is planned. International experiences will open your eyes to the world at large, and provide you with a wealth of experience that will benefit you in career explorations. Students, accompanied by faculty, explore the culture, economics, competitive marketplace, industry operations, and governmental infrastructure of particular countries. Students with travel restrictions may be granted exemptions from participation in this international program.

BELGIUM BRAZIL BULGARIA CHINA

FRANCE GREECE JAPAN THE NETHERLANDS NEW ZEALAND SOUTH AFRICA SOUTH KOREA VIETNAM









CHINA
COSTA RICA
ENGLAND
FRANCE
JAPAN
SOUTH KOREA
SPAIN
SWEDEN
VIETNAM
WALES

STUDY ABROAD

You may also participate in exchange and study abroad programs. As a campus of the California State University (CSU), Cal Maritime participates in International Programs (IP), the systemwide study abroad program of the CSU. IP is affiliated with over 50 distinguished universities and other institutions of higher education in 18 countries where you can pursue coursework for CSU resident credit.

WWW.CSUM.EDU/ CRUISE

Global Awareness / Training Cruise

YOU HAVE THE OPPORTUNITY to embark upon a two-month training cruise aboard our Training Ship *Golden Bear* as an engineering or marine transportation major.

Following your first year of instruction, you will sail onboard the *Golden Bear* while taking part in hands-on instruction and classes that pertain to your major. If you elect to pursue a major that results in either the third mate's or third assistant engineer's license, you will sail aboard the *Golden Bear* after your third year, as well.

Our engineering and marine transportation majors also pursue summer internships, or co-ops, on land or at sea to provide them with the practical experience that is vital in the global workplace.





DURING A TRAINING CRUISE STUDENTS:

- Operate all systems of the 500 ft. ship under the supervision of faculty and staff
- Manage and maintain the ship's 16,000 horsepower diesel engines
- Learn the marine water and HVAC systems
- Stand bridge or engine watches
- Read charts and plot courses to the next ports-of-call
- Receive training in the navigation lab or diesel simulator
- Practice drills to ensure safety
- Learn engineering or deck skills expected in the maritime industry





Co-Ops, Internships, Sea Training

WWW.CSUM.EDU/ CAREERPREP

DURING YOUR EDUCATION at Cal Maritime, you will participate in a summer co-op or a sea training with a private company, government agency, or public entity.

Co-ops and sea training provide cadets with the opportunities to network within industry, gain hands-on experience, enhance resumes, and further prepare you for success in your field. In many cases, these placements lead to job offers upon graduation.





Bree Ogden, Marine Transportation, aboard containership *CP Navigator*



Justin Lyons, Marine Engineering Technology, Engineering Intern M/V Malaspina



Joseph Tabi, Business Administration, with Agence de Prestations Maritimes S.A Douala



Chris Yee, Marine Engineering Technology, Navy Submarine *Alabama*



Ramsey Ali, Marine Transportation, cadet onboard Alaskan Explorer. (Photo by Sophie Scopazzi '22)



Magali Tolentino, Business Administration, Port of Los Angeles. Wharfingers Division

APL LIMITED / NOL GROUP
ABLE ENGINEERING SERVICES
ACCO ENGINEERING
ADVANCED ENGINE TECHNOLOGIES
ALASKA MARINE HIGHWAY
ALASKA TANKER COMPANY
ALLEN LUND COMPANY
AMAZON

ARC BEST / ABF FREIGHT

BAE SYSTEMS

BIOMARIN

INTELLIGENCE CENTER
CENTERLINE LOGISTICS
CRBE
CHEVRON SHIPPING COMPANY
COVANTA ENERGY
CROCKETT COGEN
CROWLEY MARITIME CORP.
DOW CHEMICALS
E. & J. GALLO WINERY
EDISON CHOUEST
ENTERPRISE RENTALS

CENTRAL CALIFORNIA

EVERGREEN
FEDERAL BUREAU OF
INVESTIGATION
FOSS MARITIME COMPANY
G&H TOWING
GE ENERGY SERVICES
GENENTECH
GENERAL ATOMICS
GENERAL DYNAMICS NASSCO
GOLDEN GATE BRIDGE,
HIGHWAY AND TRANSPORTATION
DISTRICT
GSC LOGISTICS

HAWAIIAN ELECTRIC COMPANY
HORNBECK OFFSHORE
HORNBLOWER
INCHCAPE
JOHNSON AND JOHNSON
JOHNSON CONTROLS
KAISER
KIRBY
LAWRENCE LIVERMORE LAB
MTS / DOCKSIDE
MAERSK LINE, LIMITED
MAERSK TERMINALS CORPS.

MARINE TERMINALS CORP.

MARRIOTT INTERNATIONAL

MATSON NAVIGATION CO.

MEBA

MILITARY SEALIFT COMMAND

MOTIVA

MMP

MARE ISLAND DRY DOCK

NAVAL SURFACE WARFARE CENTER

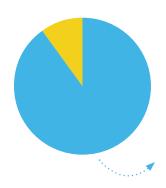
- PORT HUENEME

NORTHRUP GRUMMAN

Careers

WWW.CSUM.EDU/ **CAREERPREP**

MAJOR GROWTH in trade, transportation. commerce, and technology provides a wealth of career opportunities for Cal Maritime graduates. Cal Maritime has the highest employment rate in the CSU system, demonstrating their ability to adapt to an ever-evolving employment landscape.



90% AVERAGE **EMPLOYMENT RATE**

On average, Cal Maritime's graduates receive several offers with starting salaries well above the average. Many students go on to pursue graduate studies at universities across the country.

Career Services offers training in resumes, cover letters, interviews, dressing for success, and job search strategies, just to name a few. In-depth workshops and one-on-one training help you get the job of your dreams. Our skilled students have access to a wide variety of national recruiters at our semi-annual on-campus career fairs.



Elijah Herman, 2017 Third Officer, Chevron Shipping



Marc Winocur, 1986 - Head of Global Procurement, Devices Global Logistics, Amazon



Maxine Kantor, 2007, Second Mate - RV Atlantis, Woods Hole Oceanographic Institution



Kate McCue, 2000 Captain, Celebrity Cruises



Mayra Corrales, 2018 Business Administration. Operations Supervisor, Hoyu US Logistics



Chris Peterson, 1986 - VP Operations and Engineering, Crowley Petroleum Services

ORACLE PASHA PATRIOT CONTRACT SERVICES PORT OF SAN FRANCISCO PORT OF STOCKTON PORT OF REDWOOD CITY PORT X LOGISTICS

PRINCESS CRUISES R.F. MACDONALD CO. SUTTER HEALTH

SCRIPPS INST. OF OCEANOGRAPHY

SEARIVER MARITIME, INC. SIEMENS POWER GENERATION SIEMENS WESTINGHOUSE SOUTHLAND INDUSTRIES SSA MARINE STATE COMPENSATION INSURANCE **FUND TARGET TESLA** TRAPAC TRANSMARINE NAVIGATION

TRANSOCEAN

TRIDENT SEAFOODS TRINCHERO FAMILY ESTATES U.S. COAST GUARD U.S. CUSTOMS AND BORDER **PROTECTION UCSF MEDICAL CENTER** WALT DISNEY COMPANY **WASHINGTON STATE FERRIES** WILHELMSEN SHIP SERVICES WRIST SHIP SUPPLY YOUNG BROTHERS, LTD.

MILITARY OPPORTUNITIES www.csum.edu/military

Many cadets participate in one of our military options, designed to provide a commission upon graduation, with some cadets receiving financial assistance. On-campus options include the Strategic Sealift Officer Program and U.S. Coast Guard. Off-campus options include Navy ROTC and Air Force ROTC (both in conjunction with UC Berkeley). All military options include a service commitment upon graduation.

(ROTC programs may conflict with degree requirements for certain majors.)

92% of Cal Maritime graduates pursue civilian careers. 8% opt to serve in the military.

Athletics & Student Life

WWW.CSUM.EDU/ATHLETICS WWW.CSUM.EDU/STUDENTLIFE

CAL MARITIME'S 72,000 square-foot physical education and aquatic center includes an Olympic-sized swimming pool, main gymnasium, multi-purpose gymnasium, training room, and cardio and weight rooms. In addition, Cal Maritime boasts a multi-purpose turf stadium, as well as the use of two waterfronts.

Athletic competition is an integral component of student life at Cal Maritime, instilling leadership, responsibility, sportsmanship, and competitive excellence in student-athletes.

At the intercollegiate level, the Keelhaulers are affiliated with the NAIA, Collegiate Water Polo Association, National Collegiate Rugby, US Rowing, and Inter-collegiate Sailing Association.



INTERCOLLEGIATE ATHLETICS

- Men's Basketball
- Women's Basketball
- Men's Crew
- Women's Crew
- Men's Cross Country
- Women's Cross Country
- Golf
- Men's Rugby
- Dinghy Sailing (Coed)
- Offshore Sailing (Coed)
- Men's Soccer
- Women's Soccer
- Men's Water Polo
- Women's Water Polo



INTRAMURALS AND P.E. COURSE

- Basketball
- Dance
- Dodgeball
- Flag Football
- Martial Arts
- Futsal
- Kickbal
- Swimming
- Ultimate Frisbee
- Volleyball
- Weightlifting









Living on Campus

WWW.CSUM.EDU/HOUSING WWW.CSUM.EDU/MAP

RESIDENTIAL LIFE

Cal Maritime is a residential community, providing you with access to faculty, facilities, and various on and off-campus activities. Our Office of Housing & Residential Life is committed to creating inclusive communities and providing a residential living/learning environment that directly supports the educational, social, and personal development of each student.

With four residence halls as well as the Training Ship *Golden Bear*, more than 80% of our students live on campus.





















Applications open October 1st!

Visit www.csum.edu/admission for details.



CAL MARITIME ACCEPTS APPLICATIONS from high school students entering college for the first time as well as transfer students with college work from other educational institutions. Cal Maritime accepts both lower division (LD) and upper division (UD) transfer students. Lower division students have fewer than 60 semester transferrable units (or 90 guarter units).

Fall 2022-Spring 2023 Impacted Majors: Facilities Engineering Technology, Marine Engineering Technology, Marine Transportation and Mechanical Engineering. Applications for admission into these majors must be received by November 30, 2021.

ADMISSION REQUIREMENTS FOR ALL MAJORS. IMPACTED MAJORS HAVE ADDITIONAL ADMISSION REQUIREMENTS.

FIRST-TIME COLLEGE STUDENTS FROM HIGH SCHOOL

College Prep (A-G) Requirements

Minimum of "C" required for each course

4 years	English
3 years	Math Algebra I, Geometry, Algebra II or Statistics or Calculus
2 years	Social Science (including U.S. History)
2 years	Language Other Than English
2 years	Lab Science
1 year	Visual or Performing Arts
1 year	College Preparatory Electives

RECOMMENDED COURSES FOR FIRST-TIME COLLEGE STUDENTS

Facilities Engineering Technology and Marine Engineering Technology

- Pre-calculus (or equivalent course); 4 years of HS math; a physics course
- Submission of resume showing leadership/experience

Marine Transportation

- Pre-calculus (or equivalent course); 4 years of HS math; a physics course
- Submission of resume showing leadership/seamanship

Mechanical Engineering

- Pre-Calculus (or equivalent course) is required
- 4 years of HS math; a physics course
- Submission of resume showing leadership/experience

TRANSFER STUDENTS

Minimum Admission Requirements	LT	UD
Oral Communication (Area A1)		•
Written Communication (Area A2)	•	•
Critical Thinking (Area A3)		•
Mathematics/Quantitative Reasoning (Area B4)		•
Good standing at the last college/university attended		•
2.00 GPA minimum in all college work		•
College Prep Requirements (A-G) (see First-Time College Student requirements): submit HS transcript		

RECOMMENDED COURSES FOR LOWER DIVISION TRANSFER

Facilities Engineering Technology and Marine Engineering Technology

- Calculus I, C- or better; Engineering Physics with a lab, C- or better
- General Chemistry with a lab, C- or better

Marine Transportation

A C- or better grade in the most recent math course (at least College Algebra level) within 5 years of the application term.

Mechanical Engineering

A C- or better grade in an immediate pre-requisite course to college-level calculus within 5 years of the application term.

REQUIRED COURSES FOR UPPER DIVISION TRANSFER

Please visit www.csum.edu/admission for information.

NON-TRADITONAL AND INTERNATIONAL STUDENTS // The Admission Office at Cal Maritime is committed to serving the needs of all our prospective students, including veterans, second-degree candidates, adult learners, and international students. Admission information for each of these groups can be found on our web site at www.csum.edu/admission.

CAL MARITIME PROVIDES YOU with an excellent education at an affordable price. Furthermore, the median salaries of our alumni are among the highest in the nation (**www.csum.edu/accolades**).

2021/2022 ESTIMATED COSTS*

Tuition (one of the following)

In-State Tuition	\$5,742
or WUE Tuition	\$8,614
or Non-WUE Out-of-State Tuition**	\$17,622
Room & Board	\$11.942

Room & Board \$11,942

Other Fees \$1,418

Uniforms (one-time cost) \$2,440

International Training Cruise or Study Tour

(one or two summers, based on major) \$5,500-\$6,500

FINANCIAL AID

Financial Aid is available to those students and families who are interested in receiving financial assistance to attend Cal Maritime. To be considered for financial aid, students must complete the FAFSA at http://www.fafsa.ed.gov by March 2 for priority financial aid assistance. For California students, March 2 is also the deadline to submit the Cal Grant GPA Verification Form, available through your current school. **Cal Maritime's FAFSA code is 001134.**

Cal Maritime offers the following types of financial assistance:

Grants: Federal Pell, FSEOG, Cal Grant A, Cal Grant B, Middle Class Scholarship, State University Grant.

Scholarships: Presidential academic scholarships, CMA Foundation scholarships, student secured scholarships from private outside sources.

Work: Federal Work-Study

Loans: Federal Direct Stafford Loans, Federal Direct Parent PLUS Loans, Private Alternative Loans.

WUE Scholarship (Western Undergraduate Exchange): Eligible students include residents of Alaska, Arizona, Colorado, Hawai'i, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming, CNMI, and Guam. Please contact the admission office for additional information.

Lyman Scholarship: Students must be residents of Hawai'i – special application required.

Military Options: Additional financial assistance may be available for students in some majors interested in participating in one of our service options. Additional information is available online at www.csum.edu/military.

Osher Scholarship: For transfer students with at least 60 semester units from a California community college. A special application is required.

Veterans: Educational Benefits, including those from the Post 9/11 Gl Bill, are available for qualified veterans and their dependents. Additional information is available online at **www.csum.edu/veterans**.

Other: Additional information on scholarships and other sources of financial aid can be viewed online at www.csum.edu/financialaid.

For current information about overall annual expenses at any CSU campus, including Cal Maritime, check out the CSU website at www2.calstate.edu/attend/paying-forcollege and click on the Financial Aid tab.







^{*} Costs do not include books, supplies, medical insurance, transportation, personal expenses, and other miscellaneous fees.

All listed fees, other than mandatory systemwide fees, are subject to change without notice. Updated information are available online at the Schedule of Fees webpage.

^{**} Assumes 15 units in the fall semester and 15 units in the spring semester at \$396/unit.



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