Opportunities in the maritime world are as vast as the oceans that connect countries and economies around the globe. Education, experience, and leadership are crucial elements for success in the maritime industry whether it’s on a cargo ship at sea, engineering firm in port, or corporate office on land.

At the California Maritime Academy, 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 and logistics, our programs will give you the knowledge, skills, and leadership opportunities essential in the global economy of today and the future.
Majors

ABS SCHOOL OF MARITIME POLICY AND MANAGEMENT

BUSINESS ADMINISTRATION-
INTERNATIONAL BUSINESS AND LOGISTICS

- Bachelor of Science degree; 120 semester units
- Preparation for careers in international maritime business and global logistics
- Theoretical foundation of knowledge and practical level of experiential learning
- One training cruise and one co-op
- Accredited by the International Assembly for Collegiate Business Education (IACBE)
- A wide variety of land and sea-based career options

The Business Administration major, with its emphasis in International Business and Logistics, is an interdisciplinary degree that will provide opportunities for you to gain essential skills in various aspects of international business, logistics, and supply chain management. The major combines real-world training, including co-op educational experiences, study-abroad opportunities, and a two-month sea cruise to international ports, with a solid foundation of international business and logistics courses. This degree also gives you the prerequisites for an MBA program.

GLOBAL STUDIES AND MARITIME AFFAIRS

- Bachelor of Arts degree; 120 semester units
- Preparation for careers in maritime security (port security, vessel piracy, and maritime terrorism), maritime trade and economics, maritime environmental policy, and maritime law
- Coursework, internships, study abroad opportunities
- One training cruise and one co-op

Global Studies and Maritime Affairs combines a rigorous foundation in international relations and the social sciences with an emphasis in maritime and environmental policy. A combination of coursework, internships, and study abroad opportunities prepares you to be a leader and decision-maker for global maritime policy agencies, organizations, and corporations. Additionally, the curriculum focus will provide rigorous preparation for further study at the graduate level in transportation, environmental policy, and law.

FACILITIES ENGINEERING TECHNOLOGY

- Bachelor of Science degree; 163 semester units
- Preparation for careers designing, operating and maintaining land-based physical plants, power generation, and engineering systems.
- Practical experience, including simulators, coupled with theoretical background
- One training cruise and two co-ops
- Accredited: Technology Accreditation Commission of ABET

Engineering technology coursework, simulators, and co-ops prepare you to work in the operation and maintenance of engineering systems such as those found in power generation plants, universities, hospitals, stadiums, and high-tech manufacturing facilities.

In addition to your bachelor's degree, you will earn your Certified Plant Engineer-in-Training certificate, preparing you to become a facility engineer in shoreside industries.
MARINE TRANSPORTATION

- Bachelor of Science degree; 159 semester units
- U.S. Coast Guard license – Third Mate
- Preparation for work on a ship as a licensed deck officer
- Includes academic breadth, simulator experience, and technical expertise
- Three training cruises
- May participate in U.S. Navy or U.S. Coast Guard programs leading to a reserve officer’s commission

The Marine Transportation (MT) major provides you with a broad understanding of the maritime industry, as well as navigation and ship-handling skills. Coursework and three training cruises prepare you to be a mate on a large ship, tug, or ferry, or to work in a variety of shoreside positions such as port and terminal management, stevedoring or marine sales.

In addition to your bachelor’s degree, you will earn a license from the U.S. Coast Guard as a Third Mate. This license allows you to sail on U.S. ships on any ocean, regardless of tonnage, horsepower, and size.

MARINE ENGINEERING TECHNOLOGY

- Bachelor of Science degree; 161 semester units
- U.S. Coast Guard license – Third Assistant Engineer
- Preparation for operating and maintaining engineering systems on a ship as a licensed engineering officer
- Practical experience, including simulators, coupled with math and science coursework
- Three training cruises
- May participate in U.S. Navy or U.S. Coast Guard programs leading to a reserve officer’s commission
- Accredited: Technology Accreditation Commission of ABET

The Marine Engineering Technology (MET) major prepares you to work as a licensed Third Assistant Engineer on U.S. ships on any ocean regardless of tonnage, horsepower, and size. Three training cruises, engineering coursework, and lots of hands-on learning give you the theory and decision-making skills needed to design, operate, and maintain the physical plant of a ship.

MECHANICAL ENGINEERING

- Bachelor of Science degree; 164 semester units
- Preparation for research, design, development, and evaluation of engineering systems
- Math and science intensive and hands-on experiences
- Combination of training cruises and co-ops
- May participate in U.S. Navy or U.S. Coast Guard programs leading to a reserve officer’s commission
- Accredited: Engineering Accreditation Commission of ABET

Math and science-intensive coursework and hands-on experiences give you the skills you need to work in a variety of positions in the research, design, development, and evaluation of engineering systems. In addition to your bachelor’s degree, you may choose between a U.S. Coast Guard Third Assistant Engineer license and the optional Power Generation minor.

This major also gives you the prerequisites for a graduate degree in Mechanical Engineering.
As an academy of just over 800 students within the California State University system, Cal Maritime offers education on a more personal scale and in a more engaging way than larger campuses. We combine our small average class size of 23 with a thought-provoking blend of courses focused on your major and courses ensuring a broad education. Instructors go beyond simply delivering the lecture; they inspire, mentor, and have an impact on the lives of their students.

Your education at Cal Maritime will be a combination of 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 international business and global studies programs visit businesses and embassies when in foreign ports on their Golden Bear training cruise in addition to interning with local businesses and governmental agencies at other times. All engineering students and marine transportation students gain experience in the field to complement their lab and simulator work on campus.

In Fall 2008, Cal Maritime opened its new $13 million Simulation Center. Complete with integrated 360-degree-view bridge simulators, liquefied natural gas (LNG), crisis management, and power plant simulators, and a radar lab, the Simulation Center is a world-class facility for training and research, involving not only Cal Maritime cadets, but the international maritime community.
At Cal Maritime, student leadership can be found throughout the campus, including the classroom, athletics, student government, and the Corps of Cadets. Through participation in the Corps, you will have the opportunity to develop traits — teamwork, responsibility, initiative, patience, leadership, and professionalism — that are highly valued at Cal Maritime and sought after by employers.

Being a cadet is much more than just being a college student. You will be given more responsibility than most other college students, and you will be held to higher standards of personal conduct and professionalism. However, the additional work is not without its rewards. The leadership skills you develop at Cal Maritime will guide you and enable you to excel in your professional career.

**DRESS FOR SUCCESS: UNIFORMS AT CAL MARITIME**

The uniform is an important part of the professional development and success of all our students. This requirement recognizes that the majority of workplaces have dress codes, whether those include a suit and tie, a hard hat and boots, or uniforms. The Cal Maritime grooming and dress standards reinforce the professionalism expected in and outside of the classroom and prepare you to “dress for success” in the real world.
Global Awareness

As a student at Cal Maritime, you have a unique opportunity to take an active role in our global community. International cruises aboard the Training Ship GOLDEN BEAR (TSGB), as well as domestic and international internships, will open your eyes to the world at large. Through these experiences, you will explore diverse countries and cultures and be better prepared for success in work and in life.

EXCHANGE/STUDY ABROAD PROGRAMS

In addition to training cruises and internships, you may also participate in our 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.

Over the past few years, Cal Maritime students have studied in several countries, including England, Wales, France, Japan, China, Spain, and South Korea.
Each student at Cal Maritime has the opportunity to embark upon a two-month training cruise aboard our Training Ship GOLDEN BEAR. Following their first or second year of instruction, students will sail the Pacific Rim while taking part in hands-on instruction and classes that pertain to their specific major.

**DURING 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
- Stand bridge or engine watches
- “Shoot the stars” by learning celestial navigation
- Read charts and plot courses to the next ports-of-call
- Practice drills to ensure safety
- Learn engineering or deck skills expected in the maritime industry
- Learn the customs, cultures and histories of other countries
- Visit local businesses and embassies
- Take away memories that last a lifetime!

**RECENT CRUISE PORTS OF CALL**
- Hong Kong, China
- Busan, South Korea
- Puerto Vallarta, Mexico
- Valparaiso, Chile
- Guayaquil, Ecuador
- Balboa, Panama
- Cocos Islands
- Kobe, Japan
- Apra Harbor, Guam
- Saipan
- Suva, Fiji
- Noumea, New Caledonia
- Papeete, Tahiti
- Nuku’alofa, Tonga
- Lahaina, Hawai’i
- Honolulu, Hawai’i
- Seattle, Washington
- San Diego, California
Co-Ops, Internships, Commercial Cruises

During your education at Cal Maritime, you will participate in a two-month co-op or a commercial cruise with a private company, government agency, or public entity. You will have the opportunity to get hands-on experience in the workplace, building skills and developing a framework of experience that will enhance your résumé and further prepare you for success in your field. In many cases, these placements lead to job offers upon graduation.

A SAMPLING OF COMPANIES PROVIDING CO-OPS, INTERNSHIPS AND EMPLOYMENT TO OUR STUDENTS

ABM Engineering
ABS
AES
APL Limited / NOL Group
Advanced Engine Technologies
Agilent Technologies, Inc.
Alaris Companies, LLC
Alaska Tanker Company
Allen Lund Company
American Seafoods
Cal Dive, International
Cal Pine
Chevron Shipping Company
Covanta Energy
Crockett Cogen
Crowley Maritime Corp.
Department of State
Department of Toxic Substances Control
Department of Veterans Affairs
Disney Cruise Line
Dow Chemicals
Edison Chouest
Equity Office Properties
Federal Bureau of Investigation
Foss Maritime Company
G&H Towing
GE Energy Services
Genentech
General Dynamics NASSCO
Hawaiian Tug & Barge/Young Brothers, Ltd.
Lawrence Livermore
Maersk Terminals Corporations
Maersk Line, Limited
Marine Terminals Corp.
Matson Navigation Co.
Military Sealift Command
MTS / Dockside
Machine & Repair
NGA-Maritime Domain
Major growth in trade, transportation, commerce, and technology has provided a wealth of career opportunities for Cal Maritime graduates. Since joining the California State University in 1996, Cal Maritime has had the highest placement rates in the CSU system. On average, Cal Maritime's graduates receive several offers with starting salaries well above the national average. Many students go on to pursue graduate studies at universities across the country. Our Career Placement Center offers training in résumés, cover letters, thank you notes, mock 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 graduates have access to a wide variety of national recruiters at our annual on-campus Career Fair.

Rumen Cross, 2002, Assistant Port Engineer, Fleet Support, Foss Maritime Company
Katherine Haven, 1986, Chief Engineer, Alaska Marine Highways
Matt Fenton, 1982, Senior Risk Engineer, North Asia, Liberty International Underwriters
Daniel Zelenka, 1991, First Engineer, USNS Hospital Ship Mercy
Holly Fuerstenberg Osen, 1987, Emergency Response Team Leader, Chevron Global Marketing
Chris Peterson, 1986, Vice President, West Coast Services, Crowley Maritime

MILITARY OPPORTUNITIES | www.csum.edu/military
A number of cadets choose to participate in one of our military options, designed to provide a commission upon graduation, with some of those cadets receiving financial assistance. On-campus options include the Merchant Marine Reserves (MMR), 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.
Athletics and Student Life

Athletic competition is an integral component of student life at Cal Maritime, instilling leadership, responsibility, sportsmanship, and competitive spirit in scholar athletes. At the intercollegiate level, the Keelhaulers are affiliated with the NAIA, Collegiate Water Polo Association, USA Rugby, US Rowing, and US Sailing.

**INTERCOLLEGIATE ATHLETICS**
- Men’s Basketball — NAIA
- Women's Basketball — NAIA
- Golf — NAIA
- Men's Soccer — NAIA
- Men’s Crew
- Women's Crew
- Men’s Rugby
- Dinghy Sailing (Coed)
- Offshore Sailing (Coed)
- Men’s Water Polo
- Women’s Water Polo

**INTRAMURALS AND P.E. COURSES**
- Basketball
- Dodgeball
- Flag Football
- Martial Arts
- Indoor Soccer
- Swimming
- Ultimate
- Volleyball
- Weightlifting

**STUDENT LIFE**
Located on San Francisco Bay, in the heart of Northern California, Cal Maritime offers a wealth of opportunities for students looking for adventure. The Bay Area is a hub for activities, indoor and out, and Santa Cruz, Lake Tahoe, and Yosemite offer you additional weekend destinations. With over twenty clubs and an active student government, you’ll have a variety of organized and impromptu activities in which you can get involved, both on and off campus. And those activities are geared towards the unique nature of the campus and students’ interests.

**ACTIVITIES**
- Camping Weekends
- Coastal Cleanup
- Coffee House Nights
- Comedy Shows
- Community Service Projects
- Concerts
- Cultural Outings
- “Finals Feast” Study Breaks
- Formal Dances
- Group Trips to Sporting Events
- Habitat for Humanity
- Indoor Rock Climbing
- Ice Cream Socials
- Local Hiking and Biking Trails
- Movie Nights
- Ski/Snowboarding Trips
- Spelunking (Caving)
- Theatrical Shows in San Francisco
- Whitewater Rafting

**CLUBS**
- Activities and Recreation Club
- American Society of Mechanical Engineers
- Asian-Pacific Islanders
Cal Maritime is a residential community, providing you with access to faculty, facilities, and on-campus events. McAllister Hall, completed Fall 2009, increases on-campus residential availability to 85 percent.
All applicants, regardless of entry level, should apply online at www.csumentor.edu. Cal Maritime gives priority to those applications received between October 1st and November 30th. Upon academic acceptance to Cal Maritime, students are required to take a comprehensive physical examination, including the U.S. Coast Guard Merchant Mariner Physical Examination, to ensure meeting minimum health requirements for their chosen majors.

**FROM HIGH SCHOOL**

<table>
<thead>
<tr>
<th>College Prep Requirements (A-G requirements)</th>
<th>Marine Transportation Majors</th>
<th>Engineering Technology Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years English</td>
<td>This program is “impacted” and admission will be competitive.</td>
<td></td>
</tr>
<tr>
<td>3 years Math: Elementary Algebra, Geometry, and Intermediate Algebra</td>
<td>SAT or ACT required for all</td>
<td></td>
</tr>
<tr>
<td>1 year U.S. History</td>
<td>Recommended courses include physics and pre-calculus</td>
<td></td>
</tr>
<tr>
<td>1 year Social Science</td>
<td>Leadership and seamanship résumé may be submitted</td>
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<tr>
<td>2 years Lab Science</td>
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<td></td>
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<tr>
<td>2 years Foreign Language</td>
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<td></td>
</tr>
<tr>
<td>1 year Visual or Performing Arts</td>
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<td></td>
</tr>
<tr>
<td>1 year College Preparatory Electives</td>
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</tr>
</tbody>
</table>

**Transfer Students**

Cal Maritime accepts both lower division and upper division college transfer students.

To transfer in with fewer than 60 transferable semester units (90 quarter units), you must do the following:

- Submit your high school transcripts;
- Submit SAT or ACT scores;
- Make up any high school deficiencies;
- Earn at least a 2.00 GPA in all college work (2.40 for non-residents);
- Meet the GPA/test score eligibility index in your high school courses;
- Earn a “C” or better in each General Education course;
- Be in good standing at the last educational institution attended.

In addition, certain courses are highly recommended. Marine Transportation and Mechanical Engineering applicants will need to meet additional requirements. For more information, please visit www.csum.edu/eligibility or contact the Admission Office.

For more information on meeting eligibility for admission, please go to www.csum.edu/eligibility.

**International Students**

Cal Maritime welcomes applications from international students. Verification of English proficiency, financial resources, and academic performance are important considerations for admission. International students are not eligible for U.S. Coast Guard licenses without U.S. citizenship; however, they will receive letters of completion for presentation to their international licensing organizations. Please contact the Admission Office for more information.

**Post-Baccalaureate Students**

Individuals interested in pursuing a second undergraduate degree should contact the Admission Office for information on admission requirements.

**Adult Learners and Veterans**

As an alternative to regular admission criteria, an applicant who is 25+ years of age or an eligible veteran of the U.S. armed forces is considered for special admission. Please contact the Admission Office for more information.
Costs and Financial Aid

Cal Maritime provides you an excellent education at an affordable price. Furthermore, the average time to graduate is four years in contrast to other schools where students take five and six years to complete their education. This saves you money.

2010/2011 ACADEMIC YEAR COSTS*

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>State University Fee (In-State Tuition)</td>
<td>$4,230</td>
</tr>
<tr>
<td>or WUE Tuition</td>
<td>$6,345</td>
</tr>
<tr>
<td>or Non-WUE Out-of-State Tuition</td>
<td>$4,230 + $372 per unit</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Room &amp; Board (19 meals per week)</td>
<td>$9,740</td>
</tr>
<tr>
<td>Health Services</td>
<td>$680</td>
</tr>
<tr>
<td>Other Fees</td>
<td>$384</td>
</tr>
<tr>
<td>Uniforms (one-time cost)</td>
<td>$1,665 - $1,785</td>
</tr>
<tr>
<td>Training Cruise (one or two cruises, based on major)</td>
<td>$3,900</td>
</tr>
</tbody>
</table>

*Costs do not include books, supplies, medical insurance, transportation, personal expenses, and other miscellaneous fees. The CSU makes every effort to keep student costs to a minimum. Fees listed in published schedules or student accounts may need to be increased when public funding is inadequate. Therefore, CSU must reserve the right, even after initial fee payments are made, to increase or modify any listed fees, without notice, until the date when instruction for a particular semester or quarter has begun. All CSU listed fees should be regarded as estimates that are subject to change upon approval by The Board of Trustees.

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 offers the following types of financial assistance:

- **Grants:** Pell, SEOG, Cal Grant A, Cal Grant B, SUG, Academic Competitiveness Grant, SMART
- **Scholarships:** Institutional scholarships and additional resources from private outside scholarship organizations
- **Federal Work-Study**
- **Loans:** Direct Stafford Loans, Perkins Loans, Direct Parent PLUS Loans, Alternative Loans
- **WUE Scholarships:** Eligible students include residents of Alaska, Arizona, Colorado, Hawai‘i, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington and Wyoming. 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 interested in participating in one of our service options, including Merchant Marine Reserve (MMR), Navy ROTC, Air Force ROTC, and U.S. Coast Guard. Additional information is available online at www.csum.edu/military.
- **Veterans:** Benefits, including those from the Post 9/11 GI Bill, are available for qualified veterans and their dependents. Please contact the records office for additional information on benefits for veterans.
- **Other:** Additional information on scholarships and other sources of financial aid can be viewed online at www.csum.edu/FinancialAid.

For the most current information about overall annual expenses at any CSU campus, including Cal Maritime, check out the CSU website at http://www.calstate.edu/SAS/fa_coa.shtml.
MAJORS
Facilities Engineering Technology
Global Studies and Maritime Affairs
Business Administration
International Business and Logistics
Marine Engineering Technology
Marine Transportation
Mechanical Engineering

MINORS
Business Administration
Engineering (QMED)
Global Studies & Maritime Affairs
Law
Marine Science
Naval Science
Power Generation

MILITARY OPTIONS
Navy/Merchant Marine Reserve Program
Coast Guard Pre-Commissioning Pilot Program
Coast Guard Maritime Academy
Graduate Program
Navy ROTC, Air Force ROTC (with UC Berkeley)

APPLICATIONS – FALL 2010
Applied 1180
Admitted 749
New Students 285
Enrolled from High School 56%
Enrolled as College Transfers 44%
Enrolled from Out-of-State 15%
Enrolled from Southern California 35%
Enrolled from Northern California 50%

ETHNICITY
Native American 2%
African American 2%
Asian American/Pacific Islander 11%
Hispanic 8%
White – Non Hispanic 69%
N/A 8%
Percent Receiving Financial Aid 75%

SCHEDULE OF FEES
2010/2011 ACADEMIC YEAR*
State University Fee (In-State Tuition) $4,230
or
WUE Tuition $6,345
or
Non-WUE Out-of-State Tuition $4,230 + $372 per unit

Room & Board $9,740
Health Services $680
Other Fees $384
Uniforms (one-time cost) $1,665 - $1,785
Training Cruise (one or two cruises, based on major) $3,900

STUDENT BODY
Total Enrollment 825
Average class size 23
Gender: 83% Male, 17% Female

CAMPUS VISITS
Tours and information sessions are available Monday through Friday. Appointments are recommended. You may request a tour online at www.csum.edu/visit or call the Office of Admission at (707) 654-1330.

*Costs do not include books, supplies, medical insurance, transportation, personal expenses, and other miscellaneous fees. The CSU makes every effort to keep student costs to a minimum. Fees listed in published schedules or student accounts may need to be increased when public funding is inadequate. Therefore, CSU must reserve the right, even after initial fee payments are made, to increase or modify any listed fees, without notice, until the date when instruction for a particular semester or quarter has begun. All CSU listed fees should be regarded as estimates that are subject to change upon approval by The Board of Trustees.