

BACCALAUREATE DEGREE REQUIREMENTS

CUMULATIVE GRADE POINT AVERAGE FOR GRADUATION

A candidate for a Bachelor of Science or Bachelor of Arts degree at Cal Maritime must have completed the academic program with a cumulative grade point average of not less than 2.0 in all of three areas:

- ◆ Overall: all baccalaureate-level units completed (all college-level work, no matter what the institution, including Cal Maritime);
- ◆ Campus: all units completed at Cal Maritime; and
- ◆ Major: all units completed in the major.

REQUIREMENTS IN UNITED STATES HISTORY, CONSTITUTION AND AMERICAN IDEALS

Demonstrated competencies in U.S. History, the U.S. Constitution, and California State and local government are required for graduation. These requirements may be satisfied through the completion of one course in U.S. government and one course in U.S. history.

RESIDENCY REQUIREMENTS

A student must spend no fewer than three years at a state or federal academy to be eligible for a U.S. Coast Guard license (46CFR Ch II, Part 310). To be eligible for a degree from Cal Maritime, a student must complete a minimum of 30 units of upper division coursework at this institution.

GRADUATION REQUIREMENT IN WRITING PROFICIENCY

The Graduate Writing Examination (GWE)

The Graduate Writing Assessment Requirement (GWAR) requires that all CSU students demonstrate competence in written communication before they are granted a baccalaureate degree. At Cal Maritime, all students who have achieved junior standing and have completed EGL 100 English Composition and at least 60 units of academic coursework must either take EGL 300 Advanced Writing or challenge said course by successfully completing the Graduate Writing Examination (GWE). Students who pass the GWE will receive credit for EGL 300.

The GWE may be attempted twice, but students who fail a second time must take EGL 300. The class and the exam are offered every semester. Students who sit for the GWE will be charged a fee.

Please note that according to the Chancellor's Office (Executive Order 665), "Students shall be matriculated at the CSU campus where they satisfy the Graduation Writing Assessment Requirement (GWAR)." (1997, p. 4) Unless a student has previously met this requirement at another CSU campus before transferring to Cal Maritime, **he or she must satisfy the GWAR at Cal Maritime.**

Students taking the GWE read a passage—roughly 600 to 800 words—and use the reading as a basis for their written commentary. Students are expected to answer a question (or questions) in a 700-word essay which speaks to clarity, quality of thought, mechanics and completeness, as well as unity and development of concepts. Students have three (3) hours in which to complete the handwritten exam and are allowed to use dictionaries and thesauri. Non-native English speakers and students with documented disabilities will receive special accommodation, upon request.

For more information about the Graduate Writing Assessment Requirement or the Graduate Writing Exam at Cal Maritime, please contact Dr. Julie Chisholm at jchisholm@csum.edu.

U.S. COAST GUARD LICENSE EXAMINATION

The U.S. Coast Guard will issue a license as Third Mate or Third Assistant Engineer to graduates of Cal Maritime who

- ◆ are U.S. citizens,
- ◆ complete the licensed program,
- ◆ meet the minimum physical standards established by the Coast Guard, and
- ◆ pass the license examination.

To be eligible to take the license examination, a student must do the following:

- ◆ pay the evaluation and examination fee,
- ◆ complete all Cal Maritime academic requirements at the completion of the academic year that the examination is taken, and

- ◆ complete all Cal Maritime academic requirements within five (5) years of the date of application.

SEA TRAINING REQUIREMENTS

Three 60-day training cruises, established by the U.S. Coast Guard, are required of all students seeking a license as Third Mate or Third Assistant Engineer.

The cruises will be accomplished in the following order on the following vessels: training ship, commercial ship, and training ship. This program is part of the academic curriculum and carries credit for graduation.

Transfers from other state maritime academies may receive credit for each cruise completed within the same program, as long as the sea training was of 60 days or more and the STCW requirements covered on the cruises were completed. Transfers from the U.S. Merchant Marine Academy will receive credit for only 60 days of sea time as the USMMA's training is on a commercial ship. A transfer from the USMMA will have to complete two cruises on board Cal Maritime's training ship. Navy or unlicensed merchant marine sea time may not meet the sea training requirements of Cal Maritime as required by the U.S. Coast Guard.

COMMENCEMENT AND THE AWARDING OF DEGREES AND LICENSES

In order for a degree candidate to participate in commencement he/she must be able to complete all academic requirements before the beginning of the following fall semester. Students are expected to apply for graduation in January of the commencement year. The Student Records Office will then determine eligibility to participate in commencement. Degree and any appropriate license will be awarded upon completion of all degree requirements.

CURRICULUM

THE ACADEMIC PROGRAM

A Four-Part Mission:

The mission of The California Maritime Academy is to provide each student with a college-level education in intellectual learning, applied technology, leadership development, and global awareness.

Intellectual Learning means the acquisition of basic knowledge and the ability to apply that knowledge in new situations. One who has mastered such learning will have progressed beyond a mere absorption of facts and be able to analyze data, identify key issues, evaluate alternatives, solve problems, and apply old solutions to new scenarios. Ultimately, such a thinker will have internalized the conceptual framework of a field and be able to construct new meaning within that field. Hence courses in the major and General Education both begin in the freshman year, to culminate later in courses that require greater maturity and knowledge.

Applied Technology, the second component of Cal Maritime's mission, is active learning that replaces or supplements traditional classroom lecture or discussion. Students who have studied concepts engage in "hands-on" activities that integrate previous knowledge and apply it to real-world situations and scenarios.

This method takes such forms as (a) kinesthetic activities such as operating ships or repairing equipment, (b) problem solving and skill application in simulators, (c) lab work such as applying theories in controlled environments, (d) design projects, and (e) cooperative education projects with industry. Cal Maritime makes the assumption that in our programs, "knowing" the subject goes beyond the intellectual exchange of the classroom and includes, in addition, addressing it in very concrete ways.

Leadership in the modern maritime industry, whether one is a ship's officer or in a management position ashore, requires sophistication and a rare collection of skills and insights that inspire trust, confidence, and the willingness of others to follow. Cadets are exposed to the aspects of leadership in many areas of the academic and co-curricular programs. The foundation for their development is laid in the classroom, in courses that address leadership issues through examining the literature, discussing case studies, and providing laboratory settings such as cruise and simulator. Such courses are to be found throughout the curriculum.

Global Awareness, the fourth component of the Cal Maritime mission, is a necessity in the modern maritime industry. Crews and passengers together represent international communities. Ports of call present varied regulatory and political environments. The world is getting smaller, and the modern maritime leader must appreciate and respect diversity while knowing and understanding the many guises in which it appears.

Students at Cal Maritime receive training in global awareness not only in the Global Studies and Maritime Affairs major, and the many courses scattered throughout the curriculum, but also in the required cruises that provide sea training and visits to ports of call. Here students can experience connections to the larger world and develop an understanding of how their selected vocations will function in the context of an international setting.

Practical Focus

Maritime Academy provide not only intellectual enrichment but also the skills and knowledge necessary for the workplace. Such courses address all of the requirements of the Standards for Training Certification and Watchstanding Code (STCW), as established by the IMO (International Maritime Organization), and all of the training and preparation necessary for the practical work regardless of the field of study.

OPTIONAL MINORS

Students wishing to declare a minor will complete a coherent program of courses in some field other than the major. For descriptions of minors, see the introductory pages to the various departments. The following minors are available:

Department of Engineering Technology

- ◆ Qualified Member of the Engine Department (QMED)

ABS School of Maritime Policy and Management

- ◆ Business Administration
- ◆ Global Studies and Maritime Affairs
- ◆ Law

Department of Mechanical Engineering

- ◆ Power Generation

Department of Naval Science

- ◆ Naval Science

Department of Sciences and Mathematics

- ◆ Marine Science

The following requirements apply:

- ◆ Minors consist of at least 15 units
- ◆ All courses used to complete the minor must be completed with at least a "C" grade
- ◆ At least nine of the units must be completed at Cal Maritime

A minor will be noted on the student's transcript.

SEA TRAINING

The Sea Training program is divided into three training periods of approximately eight weeks each. During the training periods students put the skills and knowledge they have been taught in the classroom to the ultimate test—actual practice. The entire operation of the *Training Ship GOLDEN BEAR* is performed by students, with licensed faculty officers acting in an advisory capacity. First-year students do the more elementary tasks, while third-year students perform all the duties of ship officers.

The sea training is designed to comply with the International Maritime Organization's Standards of Training, Certification and Watchkeeping of Seafarers, 1995. Additionally, the sea training is designed to provide all students with an understanding of the maritime industry and the requirements of living in a ship environment.

Students' majors will normally determine the type of sea training program that will pertain to them. See below for majors and the type of sea training that accompanies that major:

BA/IBL:	1st sea training experience (in specialized program)
FET:	1st sea training experience as engineering students
GSMA:	1st sea training experience (in specialized program)
MET:	all three sea training experiences as engineering students
ME:	1st or all three sea training experiences as engineering students
MT:	all three sea training experiences as deck students