I. Introduction

The Master of Marine Affairs (M.M.A.) degree is granted by the School of Marine & Environmental Affairs, an academic and research unit of the College of the Environment. The M.M.A. degree program is a two-year graduate course of studies requiring the completion of 59 credits. The M.M.A. is designed to familiarize students with a diversity of conceptual and methodological approaches and fields of inquiry in Marine and Environmental Affairs. The thematic focus of the marine affairs graduate curriculum is *Human Dimensions of Global Change in the Marine Environment* (HDGCM). The SMEA offers two tracks—a professional track and a thesis track—for completing the Master of Marine Affairs degree, depending on the student’s interests and career plans. Both tracks require completion of the core curriculum and a total of 59 credits. Students select the track by March 1st of their first year.

**Professional Track**

Students in the professional track have two options: they can meet the requirements with course work only or complete a team capstone project in addition to course work.

- Students with specific career needs and goals, such as those already established in careers or those intending to change careers, are among those likely to benefit from the **courses-only option**. Under this option, all 59 credits are accrued through coursework. Students wanting to pursue the courses-only option should work with their advisor to develop a detailed plan of coursework to submit on or before the Friday of finals week in spring quarter of the first year.

- Students interested in working in a team to address a specific, client-oriented policy or management problem may choose to engage in a **capstone project**. The capstone project and presentation account for nine of the 59 credits required for graduation. Projects are advertised to students on February 1st of the first year and students have the opportunity to sign up for the capstone option by March 1st.

**Thesis Track**

Students in the thesis track are expected to prepare and submit a master’s thesis that meets the academic and professional standards of the School. A manuscript suitable for submission to a peer reviewed journal or an equivalent product meets these standards. Fifteen credits of the 59 required for
graduation are devoted to thesis research and presentation. The thesis track requires submission of a brief description of the thesis project and the name of the thesis chair by March 1st of the first year. Thesis-track students are required to submit a thesis prospectus due on the last day of spring quarter. Submission of the complete prospectus will allow the student access to enroll in SMEA 700 credits.

Continuing students, students on leave, or students who have withdrawn from the program are expected to return to the program in the same track from which they departed. That is, students in the thesis track return in the thesis track, and students in the professional track return in that track. A student in the thesis track may not use the professional track option to avoid completion of the thesis requirement.

The required credits are distributed among the following topics:

A. **The Core Curriculum** This typically consists of 29 credits for the professional track and 32 credits for the thesis track (credit hours per course are listed in parentheses)

   *Introductory sequence*
   - *Introduction to The Human Dimensions of Global Change* SMEA 500 (3)
   - *Integrated Marine Affairs Practice* SMEA 501 (3)
   - *Decision Making & Action Taking in Marine Affairs* SMEA 502 (3)

   *Core areas of knowledge and skills*
   - *Marine Law* (3)
   - *Policy Analysis* (3)
   - *Economics* (3-4)
   - *National or International Policy Processes* (3)
   - *Marine Science* (3)
   - *Research Methods* (3 for professional track; 6 for thesis track)

   *First year advising* (2)

B. **Electives** Students must take at least the number of electives required to bring the total number of credits to 59. Typically, this means about 30 credits for the courses-only track, 20 credits for the professional track, and 12 credits for the thesis-track students. SMEA 600B (Advising) does not satisfy the elective requirement.

C. **Capstone/The Thesis**

   *Capstone Project and Presentation* The capstone project and presentation account for 9 credits and are required for students in the professional track who choose the capstone option.

   *Thesis and Thesis Presentation* The thesis and presentation account for 15 credits and are required for thesis track students.

   Note: If more than the required number of courses is taken from the Core Curriculum, the surplus credits may count towards elective credits, reducing the number of elective credits.
required, pending approval of the GPC. In any case, the total credits to graduate must be at least 59.

Details of course requirements are discussed in Section III.

II. Progress towards the M.M.A. Degree

The first year of study is devoted to developing a comprehensive understanding of marine and environmental affairs including how the HDGCME constructs apply to the field, as well as strengthening analytical skills, demonstrated by making substantial progress toward the completion of the core course requirements and electives.

During the second year of study, students are expected to develop competence in a particular aspect of marine and environmental affairs through additional course work, preparation of the thesis, or completion of the capstone project.

Advising and expected timeline for completion of requirements

SMEA faculty advise students throughout their studies to build a rigorous course of study and to ensure progress towards completion of the degree.

During the first year of study, the assigned first year faculty advisor assists students in course selection, in preparation of the plan for additional course work or capstone selection (professional track students), or in exploration of potential thesis topics and identification of a potential thesis advisor (thesis-track students). Faculty are expected to meet with their advisees on a regular basis. It is the shared responsibility of students and advisors to ensure that regular meetings are held and that the advising needs of the students are met. Advising in the first quarter of the program is intended to orient students to the SMEA program.

Policies to guide advising and course selection:

1) At the start of fall quarter, student and advisor develop a course plan for the first year. This plan is recorded on the Degree Progress Report form and approved by the faculty advisor (with the understanding that course availability and academic priorities can change as a student’s interests and priorities change). The course plan reflects SMEA course requirements, academic needs, professional development, course availability, and student interest.

2) Student and advisor review (and if needed revise) the above plan every quarter in light of academic needs and/or changes in course offerings.

Students are required to register for one credit of advising (SMEA 600B) during each of winter and spring quarters of their first academic year. One independent study credit is consistent with an expectation that students will engage in three hours per week of work in relation to this requirement, including meeting with their faculty advisors an average of one hour/week during each quarter for which they are so registered.

The primary purpose of winter quarter advising is to determine the most appropriate track and option for each student. By March 1, students will select a specific track and option. See Section D of this Program of Studies for requirements for the professional track and Section E of this Program of Studies for requirements for the thesis track.
The primary purpose of spring quarter advising is detailed specification for completion of the degree requirements in the selected track and option. (Once again, see Section D of this Program of Studies for requirements for the professional track and Section E of this Program of Studies for the requirement for the thesis track). At this time, students must select a second-year advisor who guides their academic development and progress. Students selecting the courses-only track may wish to continue working with their first year advisors in the second year, but this is not required. Students selecting a capstone project will most likely be advised in their second year by the capstone advisor. The thesis committee chair serves as the second year advisor for thesis-track students.

While most students will register for SMEA 600B with their first year advisor, thesis and capstone students may, with approval, register for spring quarter with their second year advisor. Students, especially thesis-track students, are encouraged to engage early with faculty whose research interests them to identify their second year advisor and thesis committee chair. Once an agreement has been reached between the advisor and the student, the advisor will assume the role of second year advisor and assist the student in further planning her/his academic program, developing a thesis research strategy, and selecting additional thesis committee member(s).

If a student has not selected a degree track and the second year advisor by the last Friday of the spring quarter finals week in the first year, the student will be placed in the courses-only option in the professional track and will be required to submit the detailed plan of courses within one week.

**Satisfactory Progress**

"Satisfactory progress" refers to a student's ability to meet the academic standards set by the University of Washington Graduate School and the School of Marine and Environmental Affairs. In particular, students are required to maintain a quarterly and cumulative grade point average of at least 3.0 (B). Students falling below this minimum will be notified by the Graduate Program Coordinator, and, if necessary, a meeting will be scheduled to discuss corrective action. Depending on the situation, students on probation may not be accepted into thesis track or capstone option. Course grades below 2.7 will not count toward graduation.

- **Full-time status.** Some graduate funding sources, for example RA- and TA-ships, require full-time status, which typically is defined as 10 credits during the academic year and 3 credits during summer quarter.

- **Length of Studies.** M.M.A. requirements normally are completed in six or seven academic quarters. (Summer quarter attendance is optional, and generally accelerates progress towards the degree). The Graduate School requires completion of the degree within 6 years and 1 quarter from the time the student began the program.

- **On-Leave Status.** To maintain graduate student status, all students must register for credits each quarter (except summer), or go on leave. Students must apply for ‘On Leave Status’, have it approved by the Graduate Program Coordinator, and pay the required fee. This must be renewed each quarter for which leave status is desired. If a student fails to either sign up for credits or go on leave, the student will have to reapply to the Graduate School for admission, and pay an additional application fee.
Incomplete Grades. Students must have completed the required 59 credits at graduation. If any of the required courses have an "Incomplete" grade, a contingency will be placed on granting the degree. Any exceptions to this rule must be approved in writing by the Thesis Committee Chair and the Graduate Program Coordinator.

General SMEA Policy on C/NC

The SMEA policy regarding the C/NC option specifies that all core and elective courses be taken for a grade. Exceptions to this policy are decided by the Graduate Program Coordinator on a case by case basis (e.g., the course is offered only on a C/NC basis). Approval to substitute the C/NC option for a grade must be obtained in writing from the GPC at the beginning of the quarter in which the course is offered. Approval will not be granted after the course is completed.

SMEA 550 (Special Topics) may be offered as C/NC at the discretion of the instructor. SMEA 600B, SMEA 650 and SMEA 700 are exceptions to this requirement and may be taken for C/NC. For courses outside of SMEA, students must obtain permission from the Graduate Program Coordinator to take a CR/NC before the start of the quarter in order to count these credits toward graduation. This document must appear in the student’s file.

Procedures for Academic Dispute Resolution

The following options are available to students in the event of academic disputes: 1) Talk with the professor or TA involved (this is the first and most appropriate step); 2) Talk with the appropriate advisor or supervisory committee chair; 3) Consult with the GPC; 4) Talk with the SMEA Ombudsman; 5) Talk to the Director. In cases where the student feels it is necessary to go beyond SMEA, contact the University Ombudsman.

III. Master of Marine Affairs Degree Requirements

Conferral of the M.M.A. degree depends upon meeting the standards of academic performance established by the University of Washington Graduate School and upon satisfactory completion of the Master of Marine Affairs Degree Requirements. Course descriptions and required prerequisites for the courses may be found in the University of Washington General Catalog (http://www.washington.edu/students/crscat/smea.html).

Note: Students are responsible for assuring that courses offered outside SMEA meet the intent of the SMEA requirement. Course instructors and content often change, frequently at the last minute, but course numbers and course titles remain the same. Consult the GPC to determine whether a course meets the goals of the SMEA requirement.

A. The Core Curriculum

Core requirements fall in three categories:

I. The Introductory Sequence – SMEA 500, 501, 502, is taken as a sequence in the first year of the program. Exceptions to this rule are very rare and require approval of the first-year advisor and the GPC.
1. **Introduction to The Human Dimensions of Global Change, SMEA 500 (3 credits)**

   This course, required for first-year students, introduces students to concepts that form the basis of the SMEA curriculum, including coupled social-ecological systems, resilience in social-ecological systems, human stressors and drivers of change in marine systems, and environmental and institutional responses to change. The accompanying lecture series introduces students to marine affairs problems, opportunities, actors and organizations with emphasis on the PNW.

2. **Integrated Marine Affairs Practice, SMEA 501 (3 credits)**

   This course, required for first year students, presents approaches and tools for framing analyzing marine affairs problems from the human dimensions and coupled-systems perspectives implied by the HDGCMCE framework.

3. **Decision Making and Action Taking in Marine Affairs, SMEA 502 (3 credits)**

   This course, required for first year students, focuses on decision-making, action taking, implementation, evaluation and adjustment in response to problems that emerge within the HDGCMCE framework.

II. Core Areas of Knowledge and Skills

4. **Marine Law (3 credits)**

   The law requirement is designed to give students exposure to a body of legal principles developed through treaties, statutes, and/or judicial and administrative decisions affecting a specific marine affairs topic. *International Law of the Sea* introduces students to the norms, rules, and procedures operative in the world ocean regime. *U. S. Ocean and Coastal Law*, constrained to a significant extent by the International Law of the Sea, provides the basis for most of the policies that are applied within the U.S. Exclusive Economic Zone and the coastal zone.

   - The marine law course that meet the Law requirement are:

     SMEA 515 U.S. Coastal and Ocean Law (3 Credits)

     Law B 561 International Law of the Sea (4 Credits)

   Note that SMEA 476, *Introduction to Environmental Law and Process*, meets the SMEA elective requirement, but not the marine law requirement.

5. **Policy Analysis (3 credits)**

   The purpose of this requirement is for students to be exposed to the various theories and tools of policy analysis (e.g., cost/benefit analysis, feasibility study, forecasting) and how those tools are applied by practitioners.
6. Economics Requirement (3 credits)

The SMEA economics requirement assures that SMEA students understand the basics of microeconomics in application to marine policy. SMEA students may satisfy their economics requirement in two ways.

SMEA 536. Applied Microeconomics for Marine Affairs (3 credits)

FISH 561. Resource Economics for Management & Policy (4 credits)
This class is taught in SAFS, Autumn 2017.

7. National and International Policy Processes (3 credits)

The Policy Processes requirement provides students with an understanding of the dynamics that drive policy formulation and policy implementation at various levels. An explicit analytical approach is used to study the how, why, and what of policy processes at the state, national, or international level. Any of the following courses fulfills the requirement:

SMEA 507. International Organizations and Ocean Management (3 credits)
SMEA 521. Climate Change Governance (3 credits)

8. Marine Science Requirement (3 credits)

The objectives of the science requirement are to familiarize SMEA students with the physics, chemistry, and biology of the ocean; with hypothesis-testing approaches as they are used in marine research; and with methods of data collection and analysis for marine research purposes.

The basic science course for SMEA students who do not have a strong undergraduate background in oceanography and marine science is:

SMEA 591. Marine Science in the Coastal Zone (3 Credits)

Students who have completed upper-division marine science courses at the undergraduate may qualify for a waiver from SMEA 591. Contact Prof. Klinger directly for consultation. Students who are waived from SMEA 591 are required to take at least one 400 or 500-level science course. The following is a suggested option:

SMEA 510. Topics in Marine Ecology (3 credits)
9. Research Methods Requirement (3 credits for professional track; 6 credits for thesis track)

The research methods requirement ensures that SMEA graduates are able to apply intermediate level statistics (required). In addition, students are encouraged to take courses in advanced statistics, qualitative research methods, research design, or professional skills.

All students are expected to demonstrate a minimum level of competency with respect to quantitative (statistical) analysis. This level of competency can be met with an upper-division undergraduate course in statistics. The required skill level is equivalent to intermediate statistics, including an understanding of point estimates, confidence intervals and regression equations. Students not meeting this requirement through undergraduate courses prior to admission to SMEA will be required to take one appropriate course in their first or second quarter at SMEA. Students who have completed such a course prior to enrollment in SMEA are encouraged to take more advanced courses in quantitative or qualitative research methods and design.

Recommended courses include:

- SMEA 584. Statistics for Policy Analysis (3 Credits).
  Offered in Autumn 2017.


Students may also select an appropriate course from the Center for Statistics and the Social Sciences (CS&SS), with approval.

Although 300-level courses do not qualify for graduation credits we will waive 3 credits of the 59-credit SMEA graduation requirement for students completing a 300-level (or higher) course in statistics. This provision applies only to students starting in FY 2017/18.

- Q SCI 381. Intro to Probability and Statistics (5 Credits).
- STAT 311. Elements of Statistical Method (5 Credits) (Can be taken as a “distance learning course” or as a regular classroom course)

CSSS/STAT/SOC 321 Case-Based Statistics

Thesis-track students have higher requirements for research methods given the research focus of the thesis project. Depending on faculty availability in any given year, SMEA offers a variety of such courses. They include: Interviewing Skills (SMEA 512), Case Study Method (SMEA 581), Research Design (SMEA 583), and others to choose from departments across campus. Students are advised to discuss the above options with their faculty advisors and select their methods courses in consultation with the thesis committee chair.
Many other skills are of value to policy professionals, such as planning, budgeting, mediation and negotiation. SMEA students are encouraged to pursue such professional skills through the electives they take elsewhere on campus.

10. Marine Affairs Advising (2 credits)

SMEA 600 B. First year advising (1 each, winter and spring quarters for first-year students)

Waivers for Core Courses

No substitutions are permitted for required courses in the Introductory Sequence (SMEA 500-502). Permission to defer any of these three courses until the second year of study must be approved by the GPC.

In each of the core areas of knowledge, each student must satisfy the graduation requirement by taking one or more courses covering the subject while enrolled in SMEA. Students with little or no background in a subject area will satisfy the specified requirements with a basic course covering the fundamentals of the subject. Students with a stronger academic background in the subject (e.g., significant exposure to the subject as an undergraduate) can fulfill the subject area requirements by taking a more advanced course. For example, a student with little or no marine science background will take the introductory course SMEA 591, while a student with a stronger marine science background will choose from a number of more advanced marine science courses.

Waivers for core requirements are provided only if a student can demonstrate substantial prior coursework in a topic area and that additional coursework would be redundant. In special cases, a student with a strong background in a subject area may seek a waiver of that graduation requirement from the Graduate Program Coordinator. For example, a student holding a law degree could seek waiver from the law requirement. We distinguish between waiving requirements for specific courses (e.g. SMEA 519 or 591) and waiving the obligation to take courses in a specified category (e.g. Policy Analysis, or Economics).

In no case can waivers be used to reduce the total number of credits required for graduation. Requests for waivers are to be submitted to the GPC. These decisions are to be made by the GPC in consultation with the appropriate faculty advisor. Such changes must be recorded in writing by the GPC and placed in the students’ files, along with the necessary transcripts.

B. Electives (21-30 credits for professional track, 12 for thesis track, or the number required to bring total credits to 59)

Elective courses are intended to enhance the student's knowledge of Marine Affairs in areas pertinent to the student’s research and career goals. Electives provide the needed depth of understanding in substantive fields of inquiry and in methods of research and analysis. At least 6 credits from 2 courses must be taken from the SMEA curriculum. For the list of SMEA courses, see SMEA Program of Studies
http://www.washington.edu/students/crs/cat/smea.html. While the same course may not be used to satisfy both elective and core requirements, any SMEA course not used to satisfy a core requirement will qualify for elective credit. Independent Study (up to 8 credits of SMEA 600) may be used to satisfy the elective credit requirements, but NOT the 6 credits of SMEA electives.

Elective credits must qualify as graduate credit (typically 400 or 500-level courses) offered in any UW department or school. Students should consult with their faculty advisors or thesis committee chairs in choosing elective courses. Other 400 or higher level courses offered at the University of Washington will qualify for graduation credit so long as the course is pertinent to the student's area of study. As a general rule, students should discuss the choice of elective courses with their faculty advisor and the Graduate Program Coordinator. Additional advice on elective course offerings can be sought from faculty advisors, thesis committee chairs, and the Graduate Program Coordinator.

C. Independent Study Courses (SMEA 600A)

Students may use independent study (SMEA 600A) to explore topics that have relevance to their course of study but for which no organized course exists. SMEA 600A credits may not be used for preliminary thesis research or preparation of the prospectus. To enroll in SMEA 600A students must have faculty approval to register, using the SMEA Independent Study Agreement form. Receipt of credit is contingent on completion of work products agreed to in advance. No more than 8 Independent Study credits (600A)

Note that while graduate-level independent study is a flexible category at the University of Washington, expectations and products or deliverables should be clear between faculty supervisors and students before the Independent Study Agreement is signed. Students may receive “I” (incomplete) grades if expectations are not met by the end of quarters during which Independent Study is elected and ultimately loss of the credits if the expected work is not completed. The University’s rule of thumb is that 1 independent study credit equals 3 hours per week of work.

SMEA 600B credits are limited to a total of 2, one in each of winter and spring quarter of the first year, and are devoted to advising.

D. Professional Track

Students in the professional track take one of two paths to the degree: a course of study that includes additional course work (9 credits) or completion of a capstone project (9 credits). Students interested in a team capstone project should indicate their interest to faculty capstone advisor by March 1st, then submit a project management plan to the GPA by the Friday of spring finals in their first year. If this deadline is missed the student will be re-assigned to the courses only track. Capstone students will register for 9 credits of SMEA 650 in their second year. Students are required to give a formal
presentation to the SMEA community in addition to any presentation that the capstone client may require. Approval from the capstone advisor is necessary before the presentation can be scheduled.

Students who wish to complete the degree by taking additional course work must submit a brief explanation on how the courses-only approach will help them meet their career goals. This must be submitted to the GPA by March 1st of the first year, followed by a detailed plan (approved by the first year advisor and SMEA director) for additional course work no later than the Friday after spring quarter ends in their first year. The plan for additional coursework must specify:

1) A list of content/topics the student wishes to learn; how those topics contribute to the student’s career goals; a list of courses and departments that offer them.

2) A list of analytical skills the student plans to acquire; how those skills contribute to the student’s career goals; a list of courses and departments that offer them.

3) Professional skills the student plans to acquire; how those skills contribute to the student’s career goals; a list of courses and departments that offer them.

This option can include a formal presentation at the end of the second year applying the skills obtained in the additional coursework. Approval from the second year advisor is necessary before the presentation can be scheduled.

A word of explanation is necessary relative to the requirement for 9 additional credits of study in lieu of a capstone project or thesis. The Graduate School requires that different paths to the same degree be very distinct from each other and that there be equity in the requirements of each relative to the other. Equity in the additional course work option vis-à-vis the capstone and thesis requirement lies in the additional advanced courses pertinent to each student’s professional objectives. These courses amount to nine credits.

Both of the above options within the professional track require that students complete a total of 59 credits and be enrolled in a minimum of 2 credits in the quarter in which they graduate.

E. The Thesis and Thesis Presentation (15 credits – for thesis track students)

Conferral of the M.M.A. Degree for students in the thesis track depends upon satisfactory completion of a research project presented in thesis format and prepared under the supervision of a thesis committee.

While doing thesis research the student is required to take 15 credits of SMEA 700.

SMEA 700. Master's Thesis Research (15 Credits)

Prerequisite: A thesis prospectus must be approved by the student’s thesis committee chair prior to enrollment in SMEA 700. Only 15 SMEA 700 credits will count towards the MMA degree, independent of the number of credits of SMEA 700 actually taken.

Students are required to give a formal presentation of their research to the SMEA community. Approval from the chair of the student’s supervisory committee is necessary before the presentation can be scheduled.
1. Thesis Process  
The SMEA thesis is a significant paper communicating the results of research and analysis of a problem or opportunity. Some theses attempt to explain and/or predict phenomena important to marine or environmental affairs (the scientific thesis). Others seek to identify policy issues, adopt an approach to policy development or evaluation, and make recommendations (the policy analysis thesis). Still others provide a detailed description and explanation of a marine or environmental affairs issue, problem, or case study, but do not attempt either to predict or evaluate (the descriptive thesis). Appropriate models for such a paper appear in peer-reviewed professional journals, and students are encouraged to consult such journals to determine scope, length, and style appropriate to the discipline. Students may choose to produce a thesis that does not conform to the constraints of an academic paper. Such a thesis must meet the same standards of academic excellence as the traditional thesis, and it must involve sufficient documentation to satisfy Graduate School requirements. An acceptable thesis
* demonstrates independent thought and research,
* contributes to understanding or potential resolution of a problem in marine or environmental affairs, and
* communicates effectively to a relevant audience.

Thesis Prospectus

The student's Thesis Committee Chair must approve a prospectus which articulates the topic and form of a thesis project by the final day of spring quarter in students’ first year. If that deadline is missed the student will be re-assigned to the courses only track. After choosing a Thesis Committee Chair and a preliminary thesis topic, a student will continue working with the Chair to further define the thesis topic, identify a thesis committee, and prepare a written research prospectus. Credit for thesis research and preparation of the thesis will be earned by enrolling in 15 credits of SMEA 700 Thesis. After the Thesis Committee Chair has approved the prospectus, students may register for thesis credits. Registration must be authorized by the Chair, using SMEA Thesis Credit Approval Form every quarter a student enrolls in SMEA 700. Additionally, approval or exemption by the Institutional Review Board (IRB) or the Human Subjects Division (HSD) may be required for students to carry out their research. Students should discuss this possibility with their thesis advisor and consult the following website: http://www.washington.edu/research/hsd/ to determine if a Human Subjects approval or waiver is necessary. If documentation is required students are to complete all of the requisite paperwork and provide a copy of the prospectus and approval to the Graduate Program Advisor upon receipt.

Thesis Supervision

Supervision of the student's thesis preparation is the primary responsibility of a committee composed of a Chair (or Thesis Advisor) and at least one committee member. The Chair and at least one-half of the total membership must be members of the Graduate Faculty. At least one of these committee members must be formally associated with SMEA as a regular, affiliate, adjunct, or research faculty. The Chair will assist students in recruiting members to the committee whose expertise will contribute to the design and execution of the thesis research. All committee members are required to hold an accredited Ph.D. or J.D. to serve on the thesis committee, however in rare cases where a potential member does not hold one of these degrees, but has what the thesis chair deems to be equivalent expertise and experience in a particular subject matter pertaining to the thesis topic, a petition may be
submitted to the Graduate Program Coordinator (GPC) for review. The GPC will then determine if the potential member is qualified to serve as either a second or third member of the committee, or not at all. If the petition results in third member approval, another member of the UW Graduate Faculty will need to be added to the committee as a second member in order for the approved third member to serve.

Once the committee members have been established, a committee nomination form must be signed by all members and submitted to the Graduate Program Advisor. The GPA will then submit the names of the student’s committee members to the Graduate School. Any changes made after the initial nomination will require immediate notification to the GPA. The committee will continue to meet with the student as needed until completion of the thesis.

Thesis Presentation
A student will present his/her thesis results to the SMEA community during the fall or spring quarter presentation dates. The presentation dates will be determined at the beginning of the fall and spring quarters and announced as early as possible so that every effort can be made by the student’s thesis committee to attend the presentation. If physical attendance is not possible we strongly encourage attendance using a live stream or virtual meeting program.

Thesis Submission
At the time of degree completion, the student must be enrolled in a minimum of two credits or make use of the registration waiver which grants the student an additional two weeks past the quarter end date to make final edits and submit the thesis. The UW Graduate School requires electronic submission of theses via the UW Electronic Thesis/Dissertation (ETD) Administrator Site [http://www.grad.washington.edu/students/etd/](http://www.grad.washington.edu/students/etd/). The final approved thesis must be submitted no later than 11:59 pm PST on the last day of the quarter or on the 14th day following the end of the quarter with use of the registration waiver. Guidelines for writing and the submission of the thesis can be found at the following website [http://www.grad.washington.edu/students/etd/info.shtml](http://www.grad.washington.edu/students/etd/info.shtml). Following the thesis submission, the signed Supervisory Committee Approval Form should be uploaded to the UW ETD Administrator site when submitting your thesis, and the warrant and a copy of the thesis turned into the Graduate Program Advisor for the department.

IV. Options

A. Certificate Programs

Several Graduate Certificate Programs are available to SMEA students. Graduate Certificate Programs generally require 17-22 credits, and can be completed by using the SMEA elective credits. There is more information on the Graduate Certificate programs in the SMEA student binders and on the SMEA website.

B. Foreign Languages

There is no foreign language requirement for the M.M.A. degree. However, due to the nature of the field and its international aspects, those students having a background in one or more foreign
languages will be encouraged to employ them by planning programs of study and research that focus on marine activities and institutions in an appropriate foreign area. In cases where the special interests of students concern specific areas of the world (e.g., the Far East, South America), competence in a foreign language may be essential. The need for a foreign language will be determined by the student's supervisory committee.

Competency in spoken/written English is essential to successful completion of the Program of Studies.

C. Internships

Practical experience can be advantageous to professional development. With permission, independent study credit hours may be earned during an internship assignment by arranging an SMEA 600 independent study project under the supervision of an appropriate faculty member and with written approval of the Graduate Program Coordinator. Additional work and deliverables beyond the internship itself is required to obtain credit, and internships should be carefully selected to contribute to the student's research and professional career goals.