



Master's Plan of Study

This form is due before the end of the second term of enrollment in the MS Program.

Please fill this form out digitally for credit course entry, signatures can be either digital or physical.

Name: _____ Student ID #: _____ Current GPA: _____

Major: Aerospace Engineering Ocean Engineering

Degree: MENG MS Thesis MS Non-Thesis

Area of Specialization: (Select one)

- | | |
|----------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> Aero-Hydrodynamics | <input type="checkbox"/> Ocean Engineering |
| <input type="checkbox"/> Applied Mathematics | <input type="checkbox"/> Space Engineering |
| <input type="checkbox"/> Applied Physics | <input type="checkbox"/> Structures & Structural Dynamics |
| <input type="checkbox"/> Dynamics & Control | |

Graduate Advisory Committees

Committees for the M.S. and M.Eng must satisfy the following requirements:

- A. The Advisory Committee must consist of at least three members with a Master's Degree, one committee member must be AOE faculty, a second committee member must be either AOE faculty or an AOE-affiliated faculty member and a third committee member can be either AOE faculty or AOE-affiliated faculty, other VT faculty, retired or Emeritus Virginia Tech faculty members, Virginia Tech employees (e.g., Research Scientists, Administrative/Professional Faculty, Instructors), and non-Virginia Tech-employed individuals (known as External Committee Members) including Adjunct Faculty, who are qualified by terminal degree/professional experience and scholarly productivity and who, by inclusion, can provide specific expertise to enrich the student's program.
- B. The Chair of the Advisory Committee (Committee Chair or Chairperson) must be a teaching/research faculty (full time, tenured or tenure track faculty at Virginia Tech), and ordinarily is a member of the AOE faculty, but could instead be an AOE-affiliated faculty member who is an employee of Virginia Tech.
- C. Any AOE-affiliated faculty member or any VT faculty member can serve as a Co-Advisor (Co-Chair). Distance-Learning/Virtual students may have an External Committee Member serve as a Co-Advisor (Co-Chair) if the student receives regular advice from that member.
- D. Approval of External Committee Members requires the MS student and their Committee Chair to work with the AOE Graduate Program Coordinator to submit an **External Committee Member Form** with a curriculum vitae (CV) **prior to the submission of the Plan of Study**. These External Committee Members may not constitute more than one- third of the total Advisory Committee membership and they may not serve as the Faculty Advisor (Chair or Chairperson).
- E. See the [Graduate School Policy on Graduate Advisory Committees](#) for more information.



Master's Plan of Study

MS Thesis Option – Research & Thesis Credit Courses (AOE 5994): List separate research hours by term.

| Year | Term | Subject | Course | Course Title | Grade | Hours |
|----------------------------|------|---------|--------|-------------------|-------|-------|
| | | AOE | 5994 | Research & Thesis | | |
| | | AOE | 5994 | Research & Thesis | | |
| | | AOE | 5994 | Research & Thesis | | |
| | | AOE | 5994 | Research & Thesis | | |
| | | AOE | 5994 | Research & Thesis | | |
| | | AOE | 5994 | Research & Thesis | | |
| | | AOE | 5994 | Research & Thesis | | |
| (Maximum of 9 hours) TOTAL | | | | | | |

MS Non-Thesis Option – Project & Report Credit Courses (AOE 5904): List separate project hours by term.

| Year | Term | Subject | Course | Course Title | Grade | Hours |
|----------------------------|------|---------|--------|------------------|-------|-------|
| | | AOE | 5904 | Project & Report | | |
| | | AOE | 5904 | Project & Report | | |
| (Maximum of 6 hours) TOTAL | | | | | | |

5000 and 6000 Level Courses: (Excludes AOE 5944: Seminar)

Breadth Requirement: All MS AE students are required to take at least one course each in three out of the four disciplinary areas as noted in the [Graduate School Catalog](#). A maximum of 6 credit hours of AOE 5974 (Independent Study) and AOE 5984 (Special Study) is allowed.

| Year | Term | Subject | Course | Course Title | Grade | Hours |
|-----------------------------------------------------------------------------------------------------------------------|------|---------|--------|--------------|-------|-------|
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| MS Thesis - Minimum of 15 hours including transfer hours MS Non-Thesis – Minimum 18 hours including transfer hours | | | | | TOTAL | |

4000 Level Courses: Only 6 credits of 4000 level courses are allowed as of Fall 2008.

| Year | Term | Subject | Course | Course Title | Grade | Hours |
|----------------------------|------|---------|--------|--------------|-------|-------|
| | | | | | | |
| (Maximum of 6 hours) TOTAL | | | | | | |



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Supporting Courses: AOE Seminar Requirement

Courses in this section do not count toward degree award total hours.

Students must register for AOE 5944 Seminar 1 credit hour, every semester of their graduate program, unless you are a Distance Learning/Virtual student. Waivers for Virtual students can be found [here](#).

| Year | FALL OR SPRING | Subject | Course | Course Title | Grade | Hours |
|--------------|---------------------------------------------------------------|---------|-------------|--------------------------------|-------|----------|
| | <input type="checkbox"/> AOE Seminar Waiver | | 5944 | Waiver submitted to AOE | - | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | 1 |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| | <input type="checkbox"/> FALL <input type="checkbox"/> SPRING | AOE | 5944 | Graduate Seminar | P | - |
| TOTAL | | | | | | |

Graduate Advisory Committee Signatures

| | | | |
|------------------------------------|--------------|--------|------|
| Committee Chairperson Signature | Printed Name | VT ID# | Date |
| Committee Co-Chairperson Signature | Printed Name | VT ID# | Date |
| Committee Member Signature | Printed Name | VT ID# | Date |
| Committee Member Signature | Printed Name | VT ID# | Date |
| Committee Member Signature | Printed Name | VT ID# | Date |
| Committee Member Signature | Printed Name | VT ID# | Date |
| Committee Member Signature | Printed Name | VT ID# | Date |

Graduate Student and AOE Department Signatures

| | | |
|--------------------------------------------------------|--------------|------|
| Student Signature | Printed Name | Date |
| Graduate Program Director or Department Head Signature | Printed Name | Date |
| Department Contact (Graduate Program Coordinator) | | Date |