The chair of the committee, who usually has immediate supervision of
serve as a member or co-chair (but not chair), with a member as the chair.
A&M University campuses may serve as chair of a student’s advisory
is willing to serve. Only graduate faculty members located on Texas
each prospective committee member to determine whether he or she
the remainder of the advisory committee. The student will interview
the department, the chair, in consultation with the student, will select
required. If additional committee members are deemed necessary by
may appoint/approve another departmental faculty member to serve as
member may be the departmental graduate advisor and will serve as
consist of at least one member of the graduate faculty. Typically this
The student’s advisory committee for the Master of Engineering will
concerning appointment of the chair of his or her advisory committee.
The Masters of Engineering in Systems Engineering provides students
with the latest cross-disciplinary concepts, tools and skills in systems
engineering. These skills are essential for the design, integration,
operation, and maintenance of large-scale engineered systems in the
government, military and civil industries.
The systems engineering discipline is focused on the successful
realization of engineered systems. The scope of systems engineering
spans the entire system life cycle, from earliest conception through
system retirement.
The Masters of Engineering in Systems Engineering program will prepare
students for careers in all aspects of systems engineering while allowing
them to tailor their academic program for depth in a particular industry or
skill type.

Program Requirements

Program Requirements

- Student’s Advisory Committee (p. 1)
- Degree Plan (p. 1)
- Credit Requirement (p. 1)
- Transfer of Credit (p. 2)
- Limitations on the Use of Transfer, Extension and Certain Other Courses (p. 2)
- Final Examination (p. 2)

Student’s Advisory Committee

After receiving admission to graduate studies and enrolling for
coursework, the student will consult with the head of the department or
the department head’s designee (e.g., departmental graduate advisor)
concerning appointment of the chair of his or her advisory committee.
The student’s advisory committee for the Master of Engineering will
consist of at least one member of the graduate faculty. Typically this
member may be the departmental graduate advisor and will serve as
the student’s committee chair or, the departmental graduate advisor
may appoint/approve another departmental faculty member to serve as
the appropriate chair of the student’s advisory committee. Depending
on the departmental policy, additional committee members may be
required. If additional committee members are deemed necessary by
the department, the chair, in consultation with the student, will select
the remainder of the advisory committee. The student will interview
each prospective committee member to determine whether he or she
is willing to serve. Only graduate faculty members located on Texas
A&M University campuses may serve as chair of a student’s advisory
committee. Other graduate faculty members located off-campus may
serve as a member or co-chair (but not chair), with a member as the chair.
The chair of the committee, who usually has immediate supervision of
the student’s degree program, has the responsibility for calling meetings
at any other time considered desirable.

If the chair of a student’s advisory committee voluntarily leaves the
University and the student is near completion of the degree and wants
the chair to continue to serve in this role, the student is responsible for
securing a current member of the University Graduate Faculty, from the
student’s academic program and located near the Texas A&M University
campus site, to serve as the co-chair of the committee. The Department
Head or Chair of Intercollegiate faculty may request in writing to the
Associate Provost and Dean of the Graduate and Professional School
that a faculty member who is on an approved leave of absence or has
voluntarily separated from the university, be allowed to continue to serve
in the role of chair of a student’s advisory committee without a co-chair
for us to one year. The students should be near completion of the degree.
Extensions beyond the one year period can be granted with additional
approval of the Dean.

If the chair of the student’s advisory committee is unavailable for an
extended time in any academic period during which the student is
involved in activities relating to an internship or professional paper and is
registered for courses such as 684, 692 or 693, the student may request,
writing, that the department head appoint an alternate advisory
committee chair during the interim period.
The duties of the committee include responsibility for the proposed
degree plan, any professional study or project, and the final examination.
In addition, the committee, as a group and as individual members, is
responsible for counseling the student on academic matters, and, in the
case of academic deficiency, initiating recommendations to the Graduate
and Professional School.
The committee members’ approval on the degree plan indicate their
willingness to accept the responsibility for guiding and directing the
entire academic program of the student and for initiating all academic
actions concerning the student. Although individual committee members
may be replaced by petition for valid reasons, a committee cannot
resign en masse.

Degree Plan

The student’s advisory committee, in consultation with the student, will
develop the proposed degree plan. The degree plan must be completed
and filed with the Graduate and Professional School prior to the deadline
imposed by the student’s college, and no later than 90 days prior to the
date of the final oral examination. No exceptions are allowed.

This proposed degree plan should be submitted through the
online Document Processing Submission System located on the
website https://ogspss.tamu.edu.

Additional coursework may be added to the approved degree plan
by petition if it is deemed necessary by the advisory committee to
correct deficiencies in the student’s academic preparation. No changes
can be made to the degree plan once the student’s Request for Final
Examination or Request for Exemption from Final Examination is
approved by the Graduate and Professional School.

Credit Requirement

A minimum of 30 semester credit hours of approved courses is required
for the Master of Engineering degree.
Transfer of Credit
A student who has earned 12 hours of graduate credit in residence at Texas A&M University may be authorized to transfer courses in excess of the limits prescribed above upon the advice of the advisory committee and with the approval of the Graduate and Professional School. Courses taken in residence at an accredited U.S. institution or approved international institution with a final grade of B or greater might be considered for transfer credit if, at the time the courses were completed, the courses would be accepted for credit toward a similar degree for a student in degree-seeking status at the host institution. Otherwise, the limitations stated in the preceding section apply. Coursework in which no formal grades are given or in which grades other than letter grades (A or B) are earned (for example, CR, P, S, U, H, etc.) is not accepted for transfer credit. Courses appearing on the degree plan with grades of D, F or U may not be absolved by transfer work. Credit for thesis research or the equivalent is not transferable. Credit for coursework submitted for transfer from any college or university must be shown in semester credit hours or equated to semester credit hours. An official transcript from the university at which the transfer coursework was taken must be sent directly to the Office of Admissions.

Courses used toward a degree at another institution may not be applied for graduate credit. If the course to be transferred was taken prior to the conferment of a degree at the transfer institution, a letter from the registrar for graduate credit. If the course to be transferred was taken prior to the graduation, a letter from the registrar of the graduate school at the institution from which the course was transferred must be sent directly to the Office of Admissions.

Grades for courses completed at other institutions are not included in computing the GPA.

Limitations on the Use of Transfer, Extension and Certain Other Courses
Some departments may have more restrictive requirements for transfer work. If otherwise acceptable, certain courses may be used toward meeting credit-hour requirements for the master's degree under the following limitations.

1. The maximum number of credit hours which may be considered for transfer credit is the greater of 12 hours or one-third (1/3) of the total hours of a degree plan. The following restrictions apply:
   - Graduate or upper-level undergraduate courses taken in residence at an accredited U.S. institution, or approved international institution with a final grade of B or greater will be considered for transfer credit if, at the time the courses were completed, the student was in degree-seeking status at Texas A&M University, or the student was in degree-seeking status at the institution at which the courses were taken; and if the courses would be accepted for credit toward a similar degree for a student in degree-seeking status at the host institution.
   - Courses previously used for another degree are not acceptable for degree plan credit.

2. The maximum number of credit hours taken in post-baccalaureate non-degree (G6) classification at Texas A&M University which may be considered for application to the degree plan is 12.

3. A zero credit 684 or 685 course is only allowed for non-thesis option master's students. A zero credit 681 course can be used for either thesis or non-thesis option master's students. Other courses, including 691 research hours, are not eligible for zero credit.

4. Any combination of 684, 685, 690 and 695 may not exceed 25 percent of the total credit hour requirement shown on the individual degree plan:
   - A maximum of 6 hours of 684 (Professional Internship) and/or
   - A maximum of 6 hours of 685 (Directed Studies), and
   - Up to 3 hours of 690 (Theory of Research), and
   - Up to 3 hours of 695 (Frontiers in Research).

5. A maximum of 2 hours of Seminar (681).

6. A maximum of 9 hours of advanced undergraduate courses (300- or 400-level).

7. For graduate courses of three weeks' duration or less, taken at other institutions, up to 1 hour of credit may be obtained for each five-day week of coursework. Each week of coursework must include at least 15 contact hours.

8. No credit hours of 691 (Research) may be used.

9. Continuing education courses may not be used for graduate credit.

10. Extension courses are not acceptable for credit.

11. For non-degree programs, no more than 50 percent of the credit hours required for the program may be completed through distance education courses.

12. To receive a graduate degree from Texas A&M University, students must earn one-third or more of the credits through the institution's own direct instruction. This limitation also applies to joint degree programs.

Exceptions will be permitted only in unusual cases and when petitioned by the student's advisory committee and approved by the Graduate and Professional School.

Final Examination
The candidate must pass a final examination by dates announced each semester or summer term in the Graduate and Professional School Calendar unless the student has been exempted from the examination. The candidate is eligible to petition for an exemption from the final examination with departmental or chair of intercollegiate faculty, if applicable, and committee approval. The approved petition should be submitted to the Graduate and Professional School by the deadline announced for the student's final semester (or semester of graduation) in the Graduate and Professional School Calendar. Please see the Office of Graduate and Professional Studies website at http://grad.tamu.edu/.

To be eligible to take the final examination, a student's GPA must be at least 3.00 for courses on the degree plan and for all courses completed at Texas A&M which are eligible to be applied to a graduate degree, and no unabsoved grades of D, F or U can occur for any course listed on the degree plan. To absolve a deficient grade, the student must repeat the course at Texas A&M University and achieve a grade of C or better. All coursework on the degree plan must have been completed with the exception of those hours for which the student is registered.

A request to hold and announce the final examination must be submitted to the Office of Graduate and Professional Studies a minimum of 10 working days in advance of the scheduled date for the examination. The Graduate and Professional School must be notified in writing of any cancellation. A student may be given only one opportunity to repeat the final examination for the master's degree and that must be within a time period that does not extend beyond the end of the next regular semester (summer terms are excluded). The final exam cannot be held prior to the
mid point of the semester if questions on the exam are based on courses in which the student is currently enrolled.

The final examination covers all work taken on the degree plan and at the option of the committee may be written or oral or both. The examination is conducted by the student’s advisory committee as finally constituted. Persons other than members of the graduate faculty may, with mutual consent of the candidate and the major professor, attend final examinations for advanced degrees. Upon completion of the questioning of the candidate, all visitors must excuse themselves from the proceedings. A positive vote by all members of the graduate committee with at most one dissension is required to pass a student on his or her exam. A department can have a stricter requirement provided there is consistency within all degree programs within a department.

The Report of the Final Examination Form must be submitted with original signatures of only the committee members approved by the Graduate and Professional School. If an approved committee member substitution (1 only) has been made, his/her signature must also be submitted to the Graduate and Professional School. If necessary, multiple copies of the form may be submitted with different committee member original signatures. If an approved committee member substitution (1 only) has been made, his/her signature must be included on the form submitted to the Graduate and Professional School.

**Additional Requirements**

**Residence**

No residence requirement exists; however, attention is directed to the rules regarding Limitations on the Use of Transfer, Extension and Certain Other Courses.

See Residence Requirements (http://catalog.tamu.edu/graduate/academic-expectations-general-degree-requirements/#degreerequirementstext).

**Time Limit**

All degree requirements must be completed within a period of seven consecutive years for the degree to be granted. A course will be considered valid until seven years after the end of the semester in which it is taken. Graduate credit for coursework which is more than seven calendar years old at the time of the final examination (oral or written) may not be used to satisfy degree requirements.

**Foreign Languages**

No specific language requirement exists for the Master of Engineering degree.

**Internship or Practicum**

The final examination is not to be administered until all other requirements for the degree, including any internship, have been substantially completed.