MASTER OF ENGINEERING IN ENGINEERING AND DOCTOR OF MEDICINE COMBINED DEGREE PROGRAM

This program aims to educate a new kind of doctor who will create transformational technology for health care in the ordinary practice of medicine.

Engineering Medicine (EnMed) is Texas A&M University's innovative combined engineering-plus-medicine degree program offered at Houston Methodist Hospital in Houston, Texas. This program invokes a partnership between Texas A&M University's Naresh K. Vashisht College of Medicine, the College of Engineering and the Houston Methodist Hospital.

Students may choose to focus on the development of a device, computer software, medical test, diagnostic process, treatment process, drug development or any other need that exists in the vast medical and pharmaceutical industries. The EnMed program is an integrated educational and research medical program with a focus on invention, innovation and entrepreneurship. Students who graduate from EnMed will earn their Doctor of Medicine from the Naresh K. Vashisht College of Medicine and their Master of Engineering in Engineering from the College of Engineering. The length of the program is four years; engineering content is integrated within the Naresh K. Vashisht College of Medicine courses.

Program Requirements

Master of Engineering in Engineering (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#master-of-engineering)

Doctor of Medicine (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#doctor-of-medicine)

Master of Engineering in Engineering

The curriculum for the Master of Engineering (MEN) in Engineering degree within the Engineering Medicine (EnMed) combined program is a tailored program of study that meets all MEN program requirements utilizing didactic, blended, and experiential learning in concert with MD coursework. The plan of study is taken concurrently with the MD plan of study shown above.

Program Requirements

- Student's Advisory Committee (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#students-advisory-committee)
- Degree Plan (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#degree-plan)
- Credit Requirements (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#credit-requirement)
- Limitations on Credits and Coursework (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#limitations)
- Final Examination (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#final-examination)
  - Eligibility (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#final-exam-eligibility)
  - Scheduling (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#final-exam-scheduling)
  - Format (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#final-exam-format)
  - Grading (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#final-exam-grading)
  - Expiration (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#final-exam-expiration)

Student's Advisory Committee

On-Campus and Distance Education Degree Programs

After receiving admission to graduate studies, students will consult with the graduate program concerning selection of a chair and members (if applicable) for an advisory committee representative of the student's field(s) of study and research.

A non-thesis option Master of Engineering in Engineering student's advisory committee will consist of no fewer than one member, where the chair must be from the student's major department. Typically this member may be the departmental graduate advisor, 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 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.

This program does not offer a thesis option.

Only members of the Graduate Committee Faculty located on Texas A&M University campuses may serve as chair of a student's advisory committee. Other members of the Graduate Committee Faculty – including those located off-campus or outside the university (if permitted by program, department, and college/school policy) – may serve as a co-chair or member, but not as chair.

The advisory committee as a group – and as individual members – are responsible for advising students on academic matters. These duties include the responsibility for approving a student's proposed degree plan; research proposal (if applicable); thesis, dissertation, or record of study (if applicable); and conducting examinations (if required). The advisory committee members' approval of a degree plan indicates their willingness to accept the responsibility for guiding and directing a student's entire academic program and for initiating all academic actions concerning a student. Additionally, in cases of academic deficiency, the advisory committee is responsible for initiating recommendations to the academic unit and the Graduate and Professional School.

The chair of an advisory committee, who usually has immediate supervision of a student's degree program, has the responsibility for calling meetings at any time considered desirable.

If the chair of a student's advisory committee is unavailable for an extended period of time in any academic period during which the student is involved in activities relating to an internship, thesis, or professional paper – and is registered for courses such as 684 (Professional Internship), 691 (Research), 692 (Professional Study) or 693 (Professional Study) – the Department Head or interdisciplinary degree Program Chair (if applicable) may appoint an alternate advisory committee chair during the interim period.

If a student's advisory committee chair is on an approved leave of absence – and the student wants the chair to continue to serve in this role – a written request must be submitted by the Department Head, or interdisciplinary degree Program Chair (if applicable), to the Associate Provost and Dean of the Graduate and Professional School, for the faculty member who is on an approved leave of absence to be allowed to continue serving as chair of the advisory committee – without a co-chair – for up to one year. The request must confirm that the faculty member is able to engage in the required duties as chair during the leave of absence. Extensions beyond the one-year period (if necessary) may be granted with additional approval of the Associate Provost and Dean of the Graduate and Professional School.

If a student's advisory committee chair voluntarily separates from the university, and the student is nearing completion of the degree, the chair may continue to serve in this role – at the student's request – for up to one year. Two options are available:

1. The chair may continue, with a co-chair, without additional approval by the Graduate and Professional School. The student must select a current member of the Graduate Committee Faculty – from the student's academic program and located near the Texas A&M University campus site – to serve as co-chair of the advisory committee.
2. The chair may continue, without a co-chair, with approval by the Graduate and Professional School. A written request must be submitted through the Graduate Committee Faculty Office to the Associate Provost and Dean of the Graduate and Professional School by the Department Head or interdisciplinary degree Program Chair to allow the faculty member to continue as chair, without a co-chair, of the advisory committee.

For both options, extensions beyond the one-year period (if necessary) may be granted with approval of the Associate Provost and Dean of the Graduate and Professional School.

Although individual members may be replaced by petition for valid reasons, all members of a student's advisory committee cannot resign *en masse*.

Degree Plan

On-Campus and Distance Education Degree Programs

Upon commencement of graduate studies, an advisory committee will evaluate the student's previous education, and outline a program of study and/or research topics(s) based upon the student's degree objectives. Graduate students, in consultation with the advisory committee, will then develop a degree plan which includes those courses to be applied toward a particular degree and formally establish the advisory committee.

The degree plan must be created, submitted, and approved through the online Document Processing Submission System (https://ogsdpss.tamu.edu/) (DPSS). The degree plan must be submitted prior to the deadline imposed by the student's college or school and approved by the Graduate and Professional School no later than 90 days prior to the last day for completion of a Final Examination. Students must select the appropriate program option(s) when submitting a proposed degree plan.

Coursework included on the degree plan is subject to the requirements and restrictions detailed in the Credit Requirements and Limitations on Credits and Coursework sections in each degree program page, or as required by the student's advisory committee and/or academic unit. Coursework included on the degree plan may not satisfy requirements for more than one degree, except for approved combination degree programs.

Changes to an approved degree plan, if deemed necessary by the advisory committee, may be made through a petition to the Graduate and Professional School. No changes can be made to a degree plan once a student's Final Examination Request or Final Examination Exemption Request is approved by the Graduate and Professional School.

Degree program time limits apply to courses listed on a degree plan. For additional information, students should check the Time Limits section under Additional Requirements.

Credit Requirements

On-Campus and Distance Education Degree Programs

All graduate students must complete sufficient semester credit hours to satisfy their degree requirements.

A minimum of 30 semester credit hours of approved coursework is required for the non-thesis option Master of Engineering in Engineering.

This program does not offer a thesis option.

Coursework may be completed in one or a combination of academic units. Ordinarily, students will devote the major portion of their time on work in one or two closely related fields of study; but other work may be required in supporting areas of interest.

There will be three types of instruction used for the engineering courses which include blended engineering, engineering didactic, and experiential engineering:

1. There will be 10 credit hours of blended instruction where the engineering content will be taught concomitantly with medicine to develop knowledge or solve a challenge at the intersection of the two fields (with distinct courses and assessments).
2. An additional 8 credit hours will be didactic courses where only engineering will be covered.
3. Then in the last part of the program, the credit hours will be experiential learning and project focused. The student may apply up to 12 credit hours of the experiential engineering coursework to the MD program as elective credit using a credit by exam process.

Limitations on Credits and Coursework

On-Campus and Distance Education Degree Programs

Credit hour requirements for all graduate degrees at Texas A&M University are subject to the following limitations:

1. To receive a graduate degree, students must earn one-third or more of the credits through the institution's own direct instruction. These limitations also apply to joint degree programs.
2. Transfer credits may be used to meet the credit hour requirements under the following limitations:
    a. The maximum number of credit hours which may be considered for transfer credit is the greater of 12 credit hours or one-third (1/3) of the total hours of a degree plan.
    b. Graduate and/or upper-level undergraduate courses (400-level only) taken in residence at an accredited United States or international institution (recognized by the Office of Admissions), with a final grade of B or greater, may 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.
    c. An official transcript from the institution at which the transfer coursework was taken must be sent directly to the Office of Admissions. Coursework credit submitted for transfer from any institution must be shown in semester credit hours or equated to semester credit hours.
    d. Up to 1 hour of credit may be obtained for each five-day week of coursework for graduate courses of three weeks' duration or less taken at other institutions. Each week of coursework must include at least 15 contact hours.
    e. Grades for courses completed at other institutions are not included in computing the GPA.
    f. Coursework in which no formal grades were given, or in which grades other than A or B were earned (for example, CR, P, S, U, H, etc.), is not accepted for transfer credit.
    g. Courses completed at Texas A&M University and appearing on the degree plan with grades of D, F or U may not be absolved by transfer work.
    h. Except for officially approved cooperative doctoral programs, credit for thesis or dissertation research – or the equivalent – is not transferrable.
    i. Courses used toward a degree at another institution may not be applied for transferred graduate credit.
    j. Courses used toward a certificate, but not applied to an awarded degree, may be considered for transfer. If the course to be transferred was taken for a certificate or prior to the conferral of a degree at the transfer institution, a letter from the registrar at that institution stating that the course was not applied for credit toward the degree must be submitted to the Graduate and Professional School.
    k. Credit for internship coursework in any form, or taken by extension, is not transferable.
    l. Courses for which transfer credits are sought must be approved by the student's advisory committee and the Graduate and Professional School.
    m. A student who has earned 12 credit hours of graduate credit in residence at Texas A&M University may be authorized to transfer courses in excess of the limits upon the advice of the advisory committee and with the approval of the Graduate and Professional School.
3. 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.
4. Only grades of A, B, C and S are acceptable for graduate credit.
5. Graduate courses on a degree plan may not be taken on an S/U basis except for 681 (Seminar), 684 (Professional Internship), 690 (Theory of Research), 691 (Research), 692 (Professional Study), 693 (Professional Study), 695 (Frontiers in Research), 697 (Methods), 791 (Doctoral Capstone) or SOPH 680 (Public Health Capstone).
6. Approval to enroll in any professional course should be obtained from the Department Head or interdisciplinary degree Program Chair (if applicable) in which the course will be offered before including such a course on a degree plan.
7. No more than 50 percent of the non-research coursework required for an in-person degree program may be completed through distance education courses.
8. No graduate credit may be obtained by continuing education, correspondence study, extension, or for any course of fewer than three weeks duration.

Some academic units may have additional or more restrictive requirements.

The foregoing limitations apply to all graduate programs. Exceptions will be permitted only in unusual cases, when petitioned through the student's advisory committee, and approved by the Graduate and Professional School.

Credit hour requirements for non-thesis master's degrees are subject to the following additional limitations:

1. A student pursuing a non-thesis option master's degree may not enroll in 691 (Research) courses for any reason.
2. A maximum of 12 credit hours may be used, in any combination of the following, on a non-thesis master's degree plan:
    a. No more than 4 credit hours in any combination of the following:
        i. no more than 2 credit hours of 681 (Seminar),
        ii. no more than 4 credit hours of 684 (Professional Internship), and
        iii. no more than 3 credit hours of 685 (Directed Studies).
    b. No more than 8 credit hours in any combination of the following:
        i. no more than 4 credit hours 684 (Professional Internship),
        ii. no more than 3 credit hours of 685 (Directed Studies), and
        iii. no more than 8 credit hours of 691 (Research), if permitted.
    c. No more than 3 credit hours of 690 (Theory of Research).
    d. No more than 3 credit hours of 695 (Frontiers in Research).
3. Certain zero-credit courses may be allowed on a non-thesis master's degree plan:
    a. A zero-credit 681 (Seminar), 684 (Professional Internship), or 685 (Directed Studies) course may be used.
    b. Other courses – including 691 (Research) hours, if permitted – are not eligible for zero credit.

4. A maximum of 9 credit hours of advanced undergraduate courses (300- or 400-level only) may be considered for application to a master's degree plan.

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

The foregoing limitations apply to all master's degrees except for the following approved exceptions for the Master of Engineering in Engineering:

1. A maximum of 12 credit hours may be used, in any combination of the following, on a non-thesis master's degree plan:
   a. no more than 2 credit hours of 681 (Seminar);
   b. no more than 6 credit hours of 684 (Professional Internship);
   c. no more than 6 credit hours of 685 (Directed Studies);
   d. no more than 8 credit hours of 691 (Research), if permitted;
   e. no more than 3 credit hours of 690 (Theory of Research); and
   f. no more than 3 credit hours of 695 (Frontiers in Research).

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

Final Examination

On-Campus and Distance Education Degree Programs

Candidates for all thesis-option and certain non-thesis option master's degrees must pass a Final Examination by deadlines announced through the Graduate and Professional School Dates and Deadlines Calendar (https://grad.tamu.edu/knowledge-center/dates-and-deadlines/dates-and-deadlines).

Master's students may be given only one opportunity to repeat a Final Examination, and that must be within a time period that does not extend beyond the conclusion of the next regular semester (Summer terms excluded).

Eligibility

For master's degree students, eligibility to schedule a Final Examination requires that

1. a student's cumulative and degree plan GPA must be at least 3.00;
2. no unabsolved grades of D, F, or U for any course may be listed on a 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); and
3. all coursework on the degree plan must be completed, with the exception of those hours for which the student is registered.

Master's students may be given only one opportunity to repeat a Final Examination, and that must be within a time period that does not extend beyond the conclusion of the next regular semester (Summer terms excluded).

For non-thesis option students, a Final Examination is required for the Master of Engineering in Engineering. The examination cannot be held prior to the mid-point of the student's final semester if questions on the Final Examination are based on courses in which the student is currently enrolled.

If a student has completed all required degree plan coursework, the student is not required to register for classes in the semester a Final Examination is administered (unless the student holds a graduate assistantship).

Non-thesis option candidates may not be exempt from the Final Examination.

Scheduling

The Final Examination request must be submitted to the Graduate and Professional School *via* the Academic Requirements Completion System (ARCS) a minimum of ten (10) working days in advance of the requested examination date, or the deadline listed on the Graduate and Professional School Dates and Deadlines Calendar (https://grad.tamu.edu/knowledge-center/dates-and-deadlines/dates-and-deadlines) – whichever comes first. Any changes to the Degree Plan must be approved by the Graduate and Professional School prior to submission of the request.

Any cancellations will be notated in ARCS.

Format

The Final Examination shall be conducted by the student's advisory committee as approved on a graduate degree plan, and the format shall be determined by the student's academic unit and/or advisory committee and communicated to the student in advance of the examination. The Final Examination may consist of a written component, oral component, or combination of both.

The examination may cover the broad field of the candidate's training and closely related topics.

Only one committee member substitution is allowed – with prior approval of the Graduate and Professional School – to provide an evaluation decision for a student's Final Examination. The advisory committee Chair may not be replaced by a substitute. If the degree program requires the advisory committee to include at least one External Member, and the substitution is for the sole external member of the advisory committee, then the substitute must also be external to the student's academic unit. In extenuating circumstances, with approval of the Graduate and Professional School, an exception to this requirement may be granted.

Persons other than members of the advisory committee may – with mutual consent of the candidate and the advisory committee chair – attend Final Examinations. Upon completion of a candidate's questioning, all visitors must excuse themselves from the proceedings.

Grading

A positive evaluation of the Final Examination by the members of a student's advisory committee – with at most one dissension – is required to pass a student on the examination. If the chair is the sole member of the student's advisory committee, a positive vote is required to pass a student on the Final Examination. Academic units may have stricter requirements provided there is consistency in all degree programs within a given department or interdisciplinary degree program.

Final Examination results must be reported to the Graduate and Professional School *via* ARCS within ten (10) working days of completion of the examination.

Expiration

For restrictions on Final Examination validity, please see the Time Limits section under Additional Requirements.

Doctor of Medicine

The four-year curriculum provides the basic science and clinical foundations that will prepare medical students for supervised medical practice in residency and beyond. The Doctor of Medicine degree is awarded at the completion of the four-year program to those students who have attained a passing grade in all required courses and clerkships in the curriculum, who are not on probation, who have passed theme Step 1 and Step 2-CK exams, and who have satisfactorily demonstrated to the faculty the personal and professional qualities essential to the practice of medicine. Students are expected to complete the requirements for the MD degree within six (6) years, not counting time away on leave of absence or pursuit of advanced degrees, such as an MD/PhD.

First Year		Semester Credit Hours
Fall		
PRE-CLERKSHIP PHASE		
MEID 605	Foundations of Medicine I	7
MEID 606	Foundations of Medicine II	5
MEID 607	Medical Gross Anatomy	8
MEID 619	Practice of Medicine I	8
	Semester Credit Hours	**28**
Spring		
MEID 608	Neuroscience	6
MEID 609	Introduction to Disease	9
MEID 616	Cardiovascular	5
MEID 618	Medical Student Grand Rounds	2
MEID 620	Practice of Medicine II	8
	Semester Credit Hours	**30**
Second Year		
Fall		
MEID 617	Respiratory	3
MEID 701	Hematology/Oncology	4
MEID 704	Renal Genitourinary	4
MEID 706	Metabolism/Gastrointestinal/Nutrition	5
MEID 708	Integument-Musculoskeletal	2
MEID 712	Practice of Medicine III	6
	Semester Credit Hours	**24**
Spring		
MEID 707	Endocrinology and Reproductive Sciences	5
MEID 711	Evidence Based Medicine	1
MEID 713	Transition to Clerkship	4
	Semester Credit Hours	**10**
Third Year		
CLINICAL PHASE		
Clerkship [1]		
EMED 800	Emergency Medicine Clerkship	4
IMED 800	Internal Medicine Clerkship	8
MEID 685	Directed Studies	7
MEID 821	Practice of Medicine IV	1
MEID 822	Practice of Medicine V	1
MEID 823	Practice of Medicine VI - Interprofessional Social and Ethical Dilemmas in Healthcare	1
MFCM 800	Family Medicine Clerkship	6
MPED 800	Pediatrics Clerkship	6
MPSY 800	Psychiatry Clerkship	6
MRAD 800	Radiology Clerkship	2
NEXT 800	Neurology Clerkship	4
OBGY 800	Obstetrics and Gynecology Clerkship	6
SURG 800	Surgery Clerkship	8
	Semester Credit Hours	**60**
Fourth Year		
MEID 850	Practice of Medicine Capstone	2
Electives [2]		40
	Semester Credit Hours	**42**
	Total Semester Credit Hours	**194**

[1] 12-month curriculum: Courses may be taken in spring of year 2 through the spring of year 3.

[2] Electives are offered on all medicine campuses. Students may choose from predetermined electives, design custom learning experiences, or participate in offerings at other medical colleges on a limited basis.

- Selective Courses: Within the elective time provided to students, 12 credit hours must follow the specialty specific recommendations. The selective courses were created to help students maximize opportunities and focus training that is complementary to their career goals. Selectives are based on career specialty choice.
- Elective Courses: The Texas A&M College of Medicine electives have been developed to accommodate the diverse educational needs of our students. Students must obtain 28 credit hours of electives to include 4 credit hours of Acting Internship and 4 credit hours of Critical Care. The electives provide students the opportunity to further develop their medical knowledge, skills and attitudes. In addition to the electives that have been developed by the school, students may develop student-initiated electives. Student Initiated Electives (SIEs) allow students in good standing great latitude in designing unique elective experiences. All other electives rules/guidelines must also be followed.
- EnMed students may apply up to 12 credit hours of engineering courses as credit by exam.

Pre-Clerkship Phase

The first 18 months of the curriculum (pre-clerkship phase) focus on the fundamentals of biomedical science and consist of two components: Foundations and Organ Systems administered in consecutive blocks.

Foundations blocks emphasize the basic structure of the human body and basic principles of other medical science disciplines, i.e., gross anatomy, histology, basic principles of biochemistry, genetics, pharmacology, and cell physiology. Students take integrated courses which cover medical humanities, ethics, leadership, important professional development topics, and Introduction to Clinical Skills, which include patient history-taking and doctor-patient communication skills and physical diagnosis.

By mid-semester of the first year, students transition into the Organ Systems blocks. The Organ Systems blocks cover normal function, pathophysiology and disease-related aspects of the specific organ systems including the basic therapeutic approach to disease. The disciplines covered in Organ Systems blocks include organ-based physiology, organ system/disease-related biochemistry and genetics, pathology, microbiology, immunology, pharmacology, introductory pediatrics and introductory internal medicine. During the Organ Systems blocks, students continue to build skills in integrated humanities and clinical skills.

The curriculum committee included a 10-week break between first and second year, as students needed time for wellness and to recharge. The break also allows students to participate in research and/or clinical experiences locally and at other medical schools and research entities.

Clinical Phase

During the Clinical phase of the curriculum, students rotate on clinical service in required clerkships and have opportunities for elective rotations in areas of interest. During this time, students have the opportunity to experience clinical training in several different patient care venues and locations, including private-practice, academic, and governmental institutions in Austin, Bryan-College Station, Corpus Christi, Dallas, Houston-Downtown, Houston-North, Round Rock, and Temple.

Additional Requirements

Master of Engineering in Engineering

Additional Requirements

- Continuous Registration (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#continuous-registration)
- Residence (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#residence)
- Scholastic Requirements (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#scholastic-requirements)
- Professional Internship or Practicum (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#internship)
- Foreign Languages (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#languages)
- Time Limits (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#time-limit)
- Graduation (https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/#graduation)

Continuous Registration

On-Campus and Distance Education Degree Programs

Students in master's degree programs must satisfy Continuous Registration Requirements until completion of all degree requirements. Students in degree programs requiring a thesis who have completed all coursework on an approved degree plan – other than 684 (Professional Internship), 691/791 (Research) or 692 (Professional Study) – are required to maintain continuous registration until completion of all requirements for a degree. Registration for zero-credit courses does not satisfy the Continuous Registration Requirement. For more information, please see Continuous Registration Requirements under the Registration and Academic Status (https://catalog.tamu.edu/graduate/academic-expectations-general-degree-requirements/#registrationandacademicstatustext) tab on the Academic Expectations and Program Requirements page in the Graduate and Professional Catalog.

Residence

On-Campus and Distance Education Degree Programs

There is no Residence Requirement for the Master of Engineering in Engineering.

For more information, please see the Residence Requirements section under the Degree Requirements (https://catalog.tamu.edu/graduate/academic-expectations-general-degree-requirements/#degreerequirementstext) tab on the Academic Expectations and Program Requirements page in the Graduate and Professional Catalog.

Scholastic Requirements

On-Campus and Distance Education Degree Programs

Students in graduate degree programs must maintain good academic standing and meet minimum university scholastic requirements throughout the duration of their graduate studies. Academic units may have additional or higher requirements. For more information, please see the Scholastic Requirements section under the Academic Expectations (https://catalog.tamu.edu/graduate/academic-expectations-general-degree-requirements/) tab on the Academic Expectations and Program Requirements page in the Graduate and Professional Catalog.

Professional Internship or Practicum

On-Campus and Distance Education Degree Programs

Professional internship or practicum requirements for graduate programs at Texas A&M University are administered and monitored by the individual academic units overseeing graduate studies.

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

Students should contact their graduate program office regarding any professional internship or practicum requirements.

Foreign Languages

On-Campus and Distance Education Degree Programs

Foreign language requirements for graduate programs are administered and monitored by the individual academic units overseeing graduate studies.

For the Master of Engineering degree, a foreign language is not required.

Time Limits

On-Campus and Distance Education Degree Programs

All requirements for master's degree programs must be completed within a period of seven consecutive calendar years for the degree to be granted.

A course will be considered valid until seven (7) years after the end of the semester in which it is taken. Students in non-thesis option master's degree programs must complete all other degree requirements within one (1) year of the semester in which a Final Examination (if required) was taken. Failure to do so will result in the degree not being awarded.

For more information, please see the Time Limits section under the Degree Requirements (https://catalog.tamu.edu/graduate/academic-expectations-general-degree-requirements/#degreerequirementstext) tab on the Academic Expectations and Program Requirements page in the Graduate and Professional Catalog.

Graduation

On-Campus and Distance Education Degree Programs

Candidates for an advanced degree who expect to complete their work at the end of a given semester may apply for graduation. For more information, please see the Graduation section under the Degree Requirements (https://catalog.tamu.edu/graduate/academic-expectations-general-degree-requirements/#degreerequirementstext) tab on the Academic Expectations and Program Requirements page in the Graduate and Professional Catalog.