

University of Memphis

Graduate Admission Criteria for STEM Master's Programs

The University of Memphis Graduate School sets minimum admission requirements including English Language Proficiency scores. Departments are allowed to set more stringent requirements.

English proficiency test scores accepted by the University: Duolingo, TOEFL, IELTS, PTE

Spring 2024 admissions (and future terms) the English Proficiency minimum requirements will change to:

- Duolingo English Test-110 or higher on the overall score.
- TOEFL (Test of English as a Foreign Language) 550 or higher on the paper version, 80 or higher on the internet-based test
- IELTS (International English Language Testing System)- 6.5 or higher
- PTE (Pearson Test of English) - 59 or higher

Students must upload their test taker report in the application and make their English Language Proficiency scores available to use for verification or have them sent directly to the University of Memphis. Admission decisions will not be made on the basis of unverified language proficiency test taker reports.

Tips for Quicker Processing

1. Use the same email address for all applications submitted. You application(s) will be processed quicker if you use the same email address for all applications associated with your name. Using different emails and submitting multiple applications for the same program will result in your application not being forwarded to the department for review. Using multiple emails for multiple applications will also slow decision making.
2. Please fill out the application with the name that appears on your passport. Your application will be processed quicker if the name on your application and the name on your passport match.

Admission Standards and Procedures

Masters in Computer Science

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript (sent directly from the institution to the University of Memphis) upon enrollment showing that a bachelor's degree was awarded by an accredited college or university.

1. Minimum GPA of 2.5 (on a 4.0 scale) Successful applicants typically have a GPA at or above 3.0.
2. No backlogs
3. An undergraduate degree in an appropriate discipline or equivalent preparation.
4. GRE scores are **required for spring 2024** and beyond

Minimum scores: V 143; Q 153; AWA 3.0

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

5. GRE scores are optional for applicants who hold a Computer Science degree from the University of Memphis. If you fit this category please contact the department for a waiver.
6. Two letters of recommendation
7. Personal statement
8. Must have passed at least six of these seven prerequisite courses (or their equivalent) with a C+ or better. Students missing a prerequisite must take the course during their first semester; this prerequisite does *not* count towards MS or PhD program requirements.
 - Calculus 1
 - Calculus 2
 - Linear algebra
 - Computer programming
 - Data structures
 - Discrete structures/mathematics
 - Computer organization/architecture
7. A score of at least 87 on TOEFL, 6.5 on IELTS, 59 on PTE, or 110 on Duolingo.

Application Deadlines:

Fall: May 1

Spring: Dec 1 (Priority Deadline: Nov 1)

Masters in Data Science

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment showing that a bachelor's degree was awarded by an accredited college or university.

1. A minimum GPA of 3.0 (4.0 scale) and a baccalaureate degree in relevant field.
2. GRE required with minimum scores of V=145 and Q=155.

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

3. Applicants already holding an appropriate master's degree, or its professional equivalent may be exempted from the GRE requirement and other professional school standardized test scores (MCAT, DAT, GMAT, or LSAT) may be substituted for the GRE by applicants who are working toward or who have already earned post-baccalaureate degrees for example, in medicine, dentistry, management, or law.
4. Two letters of recommendation from two individuals (at least one letter from a former professor or instructor) familiar with the applicant's academic background or experience in Computer Science, Statistics, Mathematics and related issues, specifying in detail the applicant's capabilities for graduate study and for future performance as a data scientist, are required.
5. Must have passed at least 4 of the 5 prerequisite courses (or their equivalent) with a C+ or better. Students missing a prerequisite must take the course during their first semester; this prerequisite does *not* count towards MS program requirements.
 - Computer Programming
 - Linear Algebra
 - Calculus
 - Probabilities
 - Statistics

6. Personal statement of approximately 750 to 1,000 words indicating his/her present interests and career goals, including how the MS-DS will prepare the candidate to achieve these goals.
7. English Language Proficiency Scores are the same as Graduate School minimums.

Application Deadlines: Fall, May 1; Spring, November 1

Engineering

MS Civil and MS Mechanical Engineering

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment (sent from the institution to the University of Memphis) showing that a bachelor's degree was awarded (including dates of conferral) by an accredited college or university.

1. Minimum GPA of 3.00 (4.0 scale)
2. Bachelor's degree in civil/mechanical engineering or closely related disciplines
3. No more than 2 backlogs
4. GRE scores are required for students who have less than a 3.25 GPA.
Minimum scores: V 147; Q 158; AWA 2.5

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

5. Three (3) letters of recommendation are required; a personal statement and resume are strongly encouraged.
6. The following English Proficiency test scores are required
 - TOEFL of 85 or better overall with no sub score below 20.
 - IELTS of 6.5 or better overall with no sub score below 6.0.
 - Duolingo of 110 or better overall with no sub score below 95.
 - PTE of 57 or better in each sub score. (This will change to 59 in Spring 2024).

Application Deadlines: Fall, July 1; Spring, December 1

MS Biomedical Engineering

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment (sent from the institution to the University of Memphis) showing that a bachelor's degree was awarded (including dates of conferral) by an accredited college or university.

Note: Applications must be submitted via UofM-UTHSC Joint Graduate Program in Biomedical Engineering portal <https://uthsc2023.liaisoncas.com/applicant-ux/#/login>

1. Minimum GPA of 3.00 (4.0 scale)
2. Bachelor's degree in biomedical engineering or other engineering fields but not biotechnology.
3. No more than two backlogs.
4. GRE scores are required for students who have less than a 3.25 GPA.
Minimum scores: V 147; Q 158; AWA 2.5

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

5. Letters of recommendation (3), personal statement, resume are strongly recommended.
6. The following English Proficiency test scores are required:
 - TOEFL of 85 or better overall with no sub score below 20.
 - IELTS of 6.5 or better overall with no sub score below 6.0.
 - Duolingo of 110 or better overall with no sub score below 95.
 - PTE of 59 or better in each sub score.

| Note that UTHSC only admits students for Fall semester, but UofM can admit in Spring or Fall.

Application Deadlines: Fall, July 1; Spring, December 1

MS Engineering Management

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment (sent from the institution to the University of Memphis) showing that a bachelor's degree was awarded (including dates of conferral) by an accredited college or university.

1. Minimum GPA of 3.00 (4.0 scale)
2. Bachelor's degree in engineering or closely related disciplines
3. No more than 3 backlogs
4. Three (3) letters of recommendation are required.
5. The following English Proficiency test score minimums are required
 - TOEFL of 85 or better overall with no sub score below 20.
 - IELTS of 6.5 or better overall with no sub score below 6.0.
 - Duolingo of 110 or better overall with no sub score below 95.
 - PTE of 59 or better in each sub score.

Application Deadlines: Fall, July 1; Spring, December 1

MS Electrical Engineering

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment (sent from the institution to the University of Memphis) showing that a bachelor's degree was awarded (including dates of conferral) by an accredited college or university.

1. Minimum GPA of 2.72 (4.0 scale)
2. First class with no backlogs
3. GRE scores are optional.

If provided the minimum scores are: V 137; Q 150; AWA 2.5

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

4. Grade of C+ or above in at least 4 of the following courses:
 - Computer Programming
 - Differential and Integral Calculus
 - Differential Equations

Physics 1 (mechanics) and Physics 2 (electromagnetics)
Linear Algebra
Probability and Statistics
Linear signals and/or systems analysis
Microprocessors or embedded systems

5. English Language Proficiency scores are the same as the Graduate School minimums above.

Application Deadlines: Fall, July 1; Spring, December 1

Masters in Information Systems

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment (sent from the institution to the University of Memphis) showing that a bachelor's degree was awarded (including dates of conferral) by an accredited college or university.

1. Minimum GPA of 3.25 (4.0 scales) (exceptions may be made on the basis of high GRE scores. If students have less than a 3.25 they are required to submit GRE scores).
2. No more than two backlogs
3. GRE scores are required from the following applicants:
Students with only a 3 year degree or students whose minimum GPA is lower than a 3.25
Minimum scores: V 150; Q 150; AWA 2.5; GRE (Total) 320

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

4. Language Proficiency Scores:

- Duolingo English Test-110 or higher on the overall score (subscores must be at least 80).
- TOEFL (Test of English as a Foreign Language) 550 or higher on the paper version, 80 or higher on the internet-based test
- IELTS (International English Language Testing System)- 6.5 or higher
- PTE (Pearson Test of English) - 59 or higher

Application Deadlines:
For Priority Consideration
Fall, May 1
Spring, Sept. 1

Final Deadlines: August 1 for domestic, July 1 for international
Final Deadlines: Dec 1 for domestic and international

Health Sciences

Masters in Nutrition

Admission to the Master's requires a Baccalaureate Degree: The applicant must provide an unofficial transcript for application review and an official transcript upon enrollment (sent from the institution to the University of Memphis) showing that a bachelor's degree was awarded (including dates of conferral) by an accredited college or university.

1. Minimum GPA of 3.0 (4.0 scale)
2. Bachelor's degree with coursework in fields of study relevant to biological, chemical or nutritional sciences
3. GRE scores are optional

Students should upload their test taker report. Admissions decisions can be made on the basis of unofficial test scores. However, students must have their official scores sent by the 14th day of the first semester. Failure to do so will result in a registration hold. Students should have their scores sent to the University of Memphis using the following code: 1459

4. A personal statement that includes narrative statement that includes career goals
5. Two letter of Reference
6. English Language Proficiency minimums: Same as graduate school except that they require a TOEFL (internet) = 85.

Application Deadlines:

For priority consideration:

- **Fall Semester admission materials should be submitted by May 1**
 - **International students' materials should be submitted by April 1**
- **Spring Semester admission materials should be submitted by October 1**
 - **International students' materials should be submitted by September 1**

Official deadline for Fall: August 1 for domestic, July 1 for international
Official deadline for Spring: Dec 1 for domestic and international

Public Health

NOTE: The Public Health admissions process requires an application to SOPHAS or HAMPCAS. This process requires official and verified documents.

<https://www.memphis.edu/publichealth/apply/mph.php>

Official transcripts are required for admission review. Official transcripts must be sent directly from the institution. Personal copies cannot be accepted.

Transcripts from degrees obtained outside of the United States must be evaluated by any members of the National Association of Credential Evaluation Services

Students applying for NACES credential evaluation can get a discount by using this link

<https://myiee.org/university/university-of-memphis>

Master in BIOSTATISTICS

The following are the minimum criteria to be considered for admission to the MPH program:

1. Bachelor's degree with math background (calculus) is required. Linear algebra and basic probability/statistics theory are highly recommended.
2. GPA = 3.0
 - a. Successful applicants: ≥ 3.3
3. TOEFL = 550 (paper), =79 (Internet), IELTS = 6, Duolingo= 110 (80 or higher on all sub-scores)
 - a. Successful applicants: TOEFL ≥ 90 , IELTS ≥ 7 , or Duolingo ≥ 115
4. GRE is recommended for those MBBS, BDS, or any other professional medical degrees that have no math courses with which to gauge math proficiency. If submitted, they must be official scores.
5. Letters of Recommendation: 3
6. Statement of purpose outlining career goals
7. Resume

Deadlines: Fall, May 15 (International); Fall, July 15 (domestic)

This program accepts summer intake. International applicants interested in entering in the summer should apply by Feb. 1

Masters of Public Health (MPH)

The following are the minimum criteria to be considered for admission to the MPH program:

1. Bachelor's degree
2. GPA = 3.0
 - a. Successful applicants: ≥ 3.3
3. TOEFL = 550 (paper), =79 (Internet), IELTS = 6, Duolingo= 110 (80 or higher on all sub-scores)
 - a. Successful applicants: TOEFL ≥ 90 , IELTS ≥ 7 , or Duolingo ≥ 115
4. GRE is recommended for applicants to the Epidemiology or Biostatistics concentration with MBBS, BDS, or any other professional medical degrees that have no math courses with which to gauge math proficiency. If submitted they must be official scores.
5. Three (3) letters of recommendation
6. Statement of purpose outlining career goals
7. Resume

Deadlines:

Fall, May 15; Spring, Oct. 15 (international)

Fall, July 15; Spring, Nov. 15 (Domestic)

Masters in Health Administration (MHA)

The following are the minimum criteria to be considered for admission to the MHA program:

1. Bachelor's degree
2. GPA = 3.0
 - a. Successful applicants: ≥ 3.3
3. TOEFL = 550 (paper), =79 (Internet), IELTS = 6, Duolingo= 110 (80 or higher on all sub-scores)
 - a. Successful applicants: TOEFL ≥ 90 , IELTS ≥ 7 , or Duolingo ≥ 115
4. Three (3) letters of recommendation
5. Statement of purpose outlining career goals
6. Resume
7. Interview

Deadlines: Fall, June 1 (for domestic), May 1 (international)