

**Tuskegee University**  
**College of Engineering**  
**Master of Materials Science and Engineering**

**Non-Thesis Option**

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**Degree Offered:** Master of Materials Science and Engineering (MMSE) (Non-Thesis Option)

The Department of Materials Science and Engineering at Tuskegee University produces graduates who can be successful in academia, industry and national laboratories. We have assembled a multidisciplinary group of faculty members with expertise in various aspects of synthesis, processing, modeling and characterization of advanced materials that may be used for military, industrial, agriculture and healthcare applications.

**Admission Requirements:**

Applicants must have completed the B.S. degree from a department of approved standing and granted by an  
in Materials Science and Engineering:

- Engineering
- Biology
- Chemistry
- Physics
- Mathematics

- Student transcript should provide evidence that the application shall be able to pursue the graduate course work. If the transcript show deficiencies, the student may have to take necessary undergraduate courses to meet the prerequisite requirements.
- Applicants must also have a cumulative GPA of 3.0 or better. Demonstration of competency in mathematics, by passing courses up to and including Calculus III, is required. An applicant may be admitted conditionally if he/she has not completed Calculus III. Upon completion of the mathematics
- The minimum acceptable combined GRE score is 1000 (old) or 300 (new).

MSEG 0502: Biomaterials Science and Engineering– 3 credits

MSEG 0516: Advanced Strength of Materials– 3 credits (MENG 0316 & Calculus III)

MSEG 0518: Advanced Materials Science and Engineering– 3 credits (MENG 0318 & Calculus III)

MSEG 0521: Polymer Science and Engineering– 3 credits

**Elective Courses (18 credits):**

**Determined by the MSE Department Head**

Elective courses will be those approved by the Head of the MSE Department, from the list attached.





