

# Materials Science and Engineering

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Materials Science & Engineering at the University of Missouri is an interdisciplinary effort focused on education and research studying the relationship between the structure, properties, processing, and performance of materials including metals, polymers, ceramics, and composites. The Program strives to address grand challenges in the field supporting faculty and students in their endeavors.

The faculty of the MU Materials Science & Engineering Program prepares its students for career in a broad range of fields and to assume leadership roles in their communities through both a well-rounded and tailored education. The technical curriculum is intended to challenge students in materials science and engineering theory and practice while giving them ample opportunity to take elective courses that relate to their interests. Students are taught to improve their skills in problem solving and critical thinking.

## Faculty

**Professor** G. Baker\*\*, Z. Chen\*\*, S. Grant\*\*, S. Guha\*\*, N. Hashemi\*\*, G. King\*\*, M. Maschmann\*\*, P. Miceli\*\*, R. Montazami\*\*, S. Satpathy\*\*, T. Sewell\*\*, D. Singh\*\*, C. Wexler\*\*, Y. Xing\*\*, P. Yu\*\*

**Associate Professor** G. Bian\*\*, S. Chakraborty\*\*, K. Hutchins\*\*, T. Sippel\*\*, B. Ulery\*\*, Y. Xiang\*\*, Z. Yan\*\*, M. Young\*\*

**Assistant Professor** F. Bunyak Ersoy\*\*, P. Laurell\*\*, J. Lee\*\*, A. Meng\*\*, C. O'Bryan\*\*, P. Sukhachov\*\*, Y. Zhai\*\*, P. Zhu\*\*

**Associate Research Professor** T. Selly, M. Sun

**Assistant Research Professor** T. Heitmann\*\*, B. MacDonald\*\*

\* Graduate Faculty Member - membership is required to teach graduate-level courses, chair master's thesis committees, and serve on doctoral examination and dissertation committees.

\*\* Doctoral Faculty Member - membership is required to chair doctoral examination or dissertation committees. Graduate faculty membership is a prerequisite for Doctoral faculty membership.

## Undergraduate

While MU does not offer undergraduate degrees specifically in Materials Science and Engineering, the University does offer degree opportunities in a number of related areas. The catalog provides a complete list of these degree options (<https://catalog.missouri.edu/degreesanddegreeprograms/>).

## Graduate

- PhD in Materials Science and Engineering (<https://catalog.missouri.edu/graduateschool/materialsscienceengineering/phd-materials-science-engineering/>)