

Bachelor of Science in Materials Science and Engineering[†]

Department of Materials Science and Engineering

Program Outcomes

A University of Arizona BS-Materials Science Engineering graduate, at the time of graduation, can/will:

1. Apply the fundamentals of mathematics, the physical and/or the life sciences and engineering principles
2. Apply the fundamentals of MSE and engineering, the interrelationship among processing, microstructure, properties and performance to solving problems
3. Work individually and in teams in order to define alternative solutions from diverse knowledge bases and implement acceptable solutions in a local, national and global context
4. Communicate effectively in verbal presentations, written reports and other media
5. Utilize modern engineering tools used in the profession
6. Use resources such as library facilities, data bases, professional society offerings, etc. as part of life-long learning
7. Value life-long learning and put into action responsibilities to the profession and society