

The Graduate School
Materials Science and Engineering Program
Table 3: Student Learning Outcomes

Doctor of Materials Science and Engineering

Outcome Type	Outcome	Assessment & Evaluation Process
Student Learning	Upon completion of the course of instruction, the student will be able to apply their knowledge and skills in materials science and engineering in a job setting.	At least 90% of the graduates from materials science and engineering will gain employment where they will apply the knowledge and skills gained as PhD students. Method(s): Professional Judged Performance or Demonstration of Ability in Context.
Student Learning	Upon completion of the course of instruction, the student will be able to demonstrate technical communication skills at an appropriate level, which is beyond that expected for students with a B.S. degree.	At least 90% of the students in the program will pass their thesis defense. Method(s): Faculty Committee Evaluation of Dissertation and Thesis or Treatise.
Program Outcome	Upon completion of the course of instruction, the student will be able to demonstrate an understanding of a range of topics in materials science and engineering at a level beyond that of students with a B.S. degree.	At least 90% of the students in the program will pass their thesis defense. Method(s): Faculty Committee Evaluation of Dissertation and Thesis or Treatise.

Source: FSU Institutional Effectiveness Portal, 2017-18.

Masters in Materials Science and Engineering

Outcome Type	Outcome	Assessment & Evaluation Process
Student Learning	Upon completion of the course of instruction, the student will be able to apply their knowledge and skills in Materials Science in a job setting.	At least 90% of the Materials Science graduates will gain employment where they will apply the knowledge and skills gained while master's students. Method(s): Professional Judged Performance or Demonstration of Ability in Context.
Student Learning	Upon completion of the course of instruction, the student will be able to demonstrate technical communication skills at an appropriate level, which is beyond that expected for students with an M.S. degree.	At least 90% of the students will pass their dissertation defense. Method(s): Faculty Committee Evaluation of Dissertation and Thesis or Treatise.
Program Outcome	Upon completion of the course of instruction, the student will be able to demonstrate an understanding of a range of topics in materials science and engineering at a level beyond that of a student with an M.S. degree and also demonstrate independent research proficiency.	At least 90% of the students in the program will pass their dissertation defense . Method(s): Faculty Committee Evaluation of Dissertation and Thesis or Treatise. Method(s): Faculty Committee Evaluation of Dissertation and Thesis or Treatise.

Source: FSU Institutional Effectiveness Portal, 2017-18.