

Rowan University is a national Carnegie-classified doctoral research institution located in Glassboro, NJ, 30 minutes from Philadelphia and one hour from the Jersey Shore.

Faculty from both the [College of Science & Mathematics \(CSM\)](#) and the [Henry M. Rowan College of Engineering \(HMRCOE\)](#) participate in the interdisciplinary Ph.D. program. CSM is recognized as one of the best among its peers for student-centered approaches to learning in a research-rich environment. HMRCOE is renowned for its multidisciplinary, hands-on approach to engineering education. Rowan University has a long history of significant contributions in the area of Materials Science & Engineering.

Affiliated Faculty have primary appointments in the following departments

Physics & Astronomy
Chemistry & Biochemistry
Mechanical Engineering
Civil & Environmental Engineering
Biomedical Engineering
Chemical Engineering
Electrical & Computer Engineering

Application Materials

For application requirements, please visit the Rowan Global Learning & Partnership website at: global.rowan.edu/programs/phd-in-materials-science-and-engineering.

Ph.D. Materials Science & Engineering



Materials Science & Engineering (MSE) lies at the intersection of chemistry, physics, and engineering. The objective of an MSE researcher is to understand how various parameters such as processing, composition, thin film versus bulk materials, atomic arrangements, etc. dictate structure (micro, atomic, macro) and contribute to determining the properties and overall performance of a material or device for applications. Most research projects, sponsored by federal and state agencies and industry, are at the cutting edge of technology development. The interdisciplinary Ph.D. MSE program is currently recruiting students. Rowan University invites you to apply to the Ph.D. in Materials Science & Engineering Program, an interdisciplinary collaboration between [CSM](#) and [HMRCOE](#).

Course Requirements

Completion of a minimum of 72 credits of graduate-level work beyond the bachelor's degree OR a minimum of 42 credits of graduate-level work beyond the master's degree. A minimum of 24 of the 72 credits must come from coursework; the remaining from research/dissertation credits. Visit global.rowan.edu/programs/phd-in-materials-science-and-engineering for a complete listing of coursework.

For questions or more information

Please contact the program directors at mse@rowan.edu and visit go.rowan.edu/mse. A limited number of teaching assistantships are available. To learn more please, contact program coordinators, Timothy Vaden and Wei Xue, at mse@rowan.edu.