

NANO-BIOTECHNOLOGY, CERTIFICATE OF ADVANCED STUDY

Certificate of Advanced Study Current Student Information (*not accepting new applications for the 2020-2021 academic year*)

The Nano-Biotechnology Certificate of Advanced Study is recognized by the National Institutes of Health and the National Science Foundation as an innovative new approach to multidisciplinary training, integrating research and education. It combines traditional disciplinary coursework and laboratory training with peer-to-peer teaching, co-advising and professional development. Certificate students have the opportunity to: earn an accredited Certificate of Advanced Study (CAS) in Nanobiotechnology (for students who complete 13 lecture/tutorial/laboratory courses along with at least eight semesters of research from their home department) as they simultaneously work towards earning a PhD from participating departments such as Biomedical Engineering, Materials Science and Engineering, and Physics.

Program Requirements

Nano-Bio certificate students take two core courses and one lab course. They learn alongside other INBT students in cross-disciplinary journal clubs. To enhance their graduate experience, they attend professional development seminars and present research at the annual Nano-Bio Symposium. Students are given the opportunity to participate in research collaborations with industry partners. Students must complete the Nanobiotechnology certificate program course requirements.

Students are expected to present their research at the annual INBT research symposium. Students must also complete all PhD requirements in their home departments.

For additional information, contact Camille Mathis at cmathis@jhu.edu.