

ENVIRONMENTAL SCIENCE CERTIFICATE

Post-Baccalaureate Certificate

<https://www.towson.edu/fcsm/departments/environsci/grad/sciencepbc/>

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Admission Requirements

Admission requirements for the post-baccalaureate certificate program are the same as those listed for the M.S. in Environmental Science.

Non-immigrant International Students

Program Enrollment: F-1 and J-1 students are required to be enrolled full-time. The majority of their classes must be in-person and on campus. See the list of programs that satisfy these requirements, and contact the International Student and Scholars Office with questions.

Admission Procedures: See additional information regarding Graduate Admission policies and International Graduate Application online.

See **Exceptions to Policy in Graduate Admissions.

Certificate Requirements (18 units)

All students wishing to receive a certificate complete a minimum of 18 units of graduate work as follows: two core courses and additional electives, selected in consultation with an adviser, from one concentration. No more than three 500-level courses can be counted toward the certificate.

- a. Collect and evaluate geological, chemical and ecological data associated with creating and resolving solutions to current (and local) environmental problems.
- b. Interpret the legal framework that underlies environmental regulation as it applies to protecting human health and the environment.
- c. Apply their knowledge of geological, chemical and ecological processes to environmental data collection, analysis and interpretation in order to propose viable solutions to complex multidisciplinary environmental issues.
- d. Find, read and comprehend the primary scientific literature that relates to environmental issues and produce written documents using a scientific format.
- e. Communicate clearly, both in writing and orally, to a wide audience (potential stakeholders) the scientific basis for environmental decisions that impact human health and the environment.