

# SUSTAINABLE ENERGY DEVELOPMENT GRADUATE CREDIT CERTIFICATE PROGRAM

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## Certificate Requirements

Requirements listed here are in addition to requirements listed in Graduate Council policy GCAC-212 Postbaccalaureate Credit Certificate Programs (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-212-postbaccalaureate-credit-certificate-programs/>).

Certificate students earn the certificate and 9 graduate credits by successfully completing each of the three required 3-credit, instructor-led online courses with a grade of B- or better. Students may petition the RESS program office if they wish to substitute one of the required course with another equally appropriate course.

| Code                    | Title   | Credits  |
|-------------------------|---|----------|
| <b>Required Courses</b> |   |          |
| BIOET 533               | Ethical Dimensions of Renewable Energy and Sustainability Systems | 3        |
| EME 444                 | Global Energy Enterprise  | 3        |
| EME 801                 | Energy Markets, Policy, and Regulation                            | 3        |
| <b>Total Credits</b>    |   | <b>9</b> |