

# Certificate in Environmental Sustainability

The Certificate in Environmental Sustainability allows students at Temple University to enhance their major with focused coursework on environmental sustainability. This certificate provides students with an interdisciplinary perspective that draws from the fields of botany, city planning, community development, horticulture, and landscape architecture. Students will gain basic knowledge needed to evaluate environmental problems and to draw environmentally-, socially-, and economically-sound solutions.

The certificate is available to all undergraduate degree students and non-degree students. Consult with an academic advisor about how the required classes fit into academic and career plans.

Courses for this certificate are offered at Ambler and Main campuses.

## Advising Information:

Ambler Campus:

Janine C. Warnas, M.S.

West Hall 109

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Main Campus:

Isaiah Gaffney

Tyler Building, Suite 212

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## Requirements

This 12 credit certificate may be conferred upon a student by recommendation of the faculty and upon satisfactory completion of the required credits with a minimum cumulative GPA of 2.0.

At least half of the courses required for the certificate must be completed at Temple University.

Code	Title	Credit Hours
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Note: The symbol after the course title indicates that the class is offered ONLY in the semester indicated.

(F) = offered fall only

(FE) = offered fall of even numbered years

(FO) = offered fall of odd numbered years

(S) = offered spring only

(SE) = offered spring of even numbered years

(SO) = offered spring of odd numbered years

(O) = offered occasionally

Code	Title	Credit Hours
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### Required Courses

Select two of the following:	5-6
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CTRP 2166	Land Use Planning (FO)
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CTRP 2213	Environmental Planning (S)
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BOT 1112	Plant Ecology (S)
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HORT 1001	Fundamentals of Horticulture <sup>1</sup>
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### Electives

Select at least two of the following: <sup>1</sup>	7-6
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CDEV 2255	Environmental Justice in Communities
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CDEV 3155	Healthy Community Design and Development
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CDEV 3860	Topics in Community Development <sup>2</sup>
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CDEV 3870	Special Topics in Community Development <sup>2</sup>
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CTRP 2114	Urban Form and Design (S)
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CTRP 2251	Sustainable Food Systems Planning (F)
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CTRP 3155	Ecological Planning and Development (FE)
CTRP 3255	Sustainability in Suburban Communities (SE)
CTRP 3256	Sustainable Community Design and Development (SO) <sup>3</sup>
CTRP 3655	Transportation Planning (F)
CTRP 3860	Topics in Community & Regional Planning (O) <sup>2</sup>
CTRP 3870	Special Topics (O) <sup>2</sup>
HORT 2334	Food Crops I (S)
HORT 2353	Food Crops II (O)
HORT 2575	Introduction to Public Horticulture (O)
HORT 2850	Special Topics in Horticulture/Landscape Architecture I (O) <sup>2</sup>
HORT 2860	Special Topics in Horticulture/Landscape Architecture II (O) <sup>2</sup>
HORT 2870	Special Topics (O) <sup>2</sup>
HORT 3514	Landscape Restoration (S) <sup>3</sup>
LARC 2758	Summer Field Ecology (Summer) <sup>3</sup>
LARC 2870	Special Topics (O) <sup>2</sup>

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Total Credit Hours

12

- <sup>1</sup> If HORT 1001 is taken as one of the required courses, students must complete 7 credits of elective coursework.
- <sup>2</sup> Consult with an advisor to make certain topic is relevant for the certificate.
- <sup>3</sup> This course has a prerequisite(s) or registration restriction(s).