ORGANIC AND SUSTAINABLE AGRICULTURE (Z090)

Graduate Certificate Program
College: Computer, Mathematical, and Natural Sciences

ABSTRACT
The Graduate Certificate in Organic and Sustainable Agriculture (GC-OSA) is a 12-credit graduate program that can be completed in twelve months of continuous study. The GC-OSA focuses on sustainability through examining both the ecosystem services provided by beneficial insects, as well as the management of injurious insects. Ecological functions of insects in the natural and anthropogenic landscape is illustrated and discussed. The program includes the development of a list of sustainable practices for conserving and managing insects in the landscape. Students learn pest management options that do not require the use of synthetic chemical pesticides and focuses on organic alternative.

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Courses: ENTM (https://academiccatalog.umd.edu/graduate/courses/entm/)

Admissions
General Requirements
- Statement of Purpose
- Transcript(s)

• TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/))

Program-Specific Requirements
- Letters of Recommendation (1)
- Strong background in biology

*Visa Eligibility: This program is not eligible for I-20 or DS-2019 issuance by the University of Maryland.

For more admissions information or to apply to the program, please visit our Graduate School website (https://gradschool.umd.edu/admissions/application-process/step-step-guide-applying/).

Application Deadlines

<table>
<thead>
<tr>
<th>Type of Applicant</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
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</thead>
<tbody>
<tr>
<td>Domestic Applicants</td>
<td>N/A</td>
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</tr>
<tr>
<td>US Citizens and Permanent Residents</td>
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<td>International Applicants</td>
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<td>F (student) or J (exchange visitor) visas; A,E,G,H,I and L visas and immigrants</td>
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<td>N/A</td>
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</tbody>
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Other Deadlines: Please visit the program website at http://oes-entm.umd.edu/

Requirements