The Joint Doctoral Program for Sustainability Research launched in April 2019 is an integrated program jointly offered by the Tokyo University of Agriculture and Technology (TUAT), the University of Electro-Communications (UEC), and TUF's.

### Expectations from the establishment

- Making substantial contributions to international peace and development, including the Sustainable Development Goals (SDGs).
- Addressing diversified global issues such as environmental degradation, energy conservation, poverty alleviation, and international conflicts.
- Addressing the urgent demand for human resources with in-depth and broad knowledge from humanities to natural sciences.

| Key features | - Training Ph.D. students through the cooperation of three universities: TUF's-TUAT-UEC  
- Long-term inter-university partnership  
- Multidisciplinary, facilitating effective interdisciplinary education  
- Locating in vicinity, facilitating efficient inter-university education |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Human resources</td>
<td>Training students to become inter- / trans-disciplinary practical professionals who can tackle global issues in their field for a sustainable development, at the same time, can contribute to innovations by placing their knowledge in a wider context with other research areas.</td>
</tr>
<tr>
<td>Academic degree</td>
<td>Doctor of Philosophy</td>
</tr>
</tbody>
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**Strength of TUF's**

Language, Liberal Arts and Regional Studies with a Global Perspective.

**Strength of UEC**

Big Data, ICT, Artificial Intelligence, and Optoelectronics.
Knowledge and skill acquisition and career prospects

Examples of job opportunities
- International organizations, government organizations
- Engineering and consulting firms, NGOs, NPOs
- Precision machinery manufacturers
- Biotech companies

Capacity to contextualize own research on the basis of evidence
- Mathematics for social analysis
- Risk analysis
- Artificial intelligence
- Capacity for facilitation through case studies

Sense of global public interests and practices
- Big-data analysis
- Cost-benefit analysis
- Experimental plan & analysis
- International development and aid policies
- Structures and challenges of a globalization society
- Pluralistic cultural theory
- International peace-building
- Standardization
- Resource and energy issues
- Intellectual property rights
- Food scarcity

Capacity for facilitation through case studies
- Training for proposal writing and debate facilitation
- Development of effective communication skills for proposal writing and debate facilitation
- Development of effective communication skills

Enrollment Limit

<table>
<thead>
<tr>
<th>University</th>
<th>Graduate School</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUF5</td>
<td>Graduate School of Global Studies</td>
<td>3 (April Admission 2, October Admission 1)</td>
</tr>
<tr>
<td>TUAT</td>
<td>Graduate School of Engineering</td>
<td>4</td>
</tr>
<tr>
<td>UEC</td>
<td>Graduate School of Informatics and Engineering</td>
<td>4</td>
</tr>
</tbody>
</table>

Tokyo University of Foreign Studies (TUFS)
Contact: Global Admissions Office (GAO)
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Website: http://www.tufs.ac.jp/english/education/pg/doctor/sustainabilityresearch.html