



*Strive for
Multi-scope · Energy WISE
Professionals!*

Tokyo Tech Academy of Energy and Informatics Enrollment Briefing Session in 2021

Tokyo Tech Academy of Energy and Informatics is a five-year Integrated Program of Master's and Doctoral Studies which develops "**Multi-scope · Energy WISE Professionals**", collaborating with the consortium made up of world's top universities, companies and public organizations.

See back page for
Multi-scope (3 scopes)

Multi-Scope · Energy WISE Professionals are "Professionals" of "**Scope①Multi-disciplinary Energy Science**" who can design a new sustainable energy society with mastering "**Scope②Big Data Science**" and "**Scope③Social Design**"

If you are interested in the field of energy, big data science, social design, and are willing to design a groundbreaking energy society, and drive the forces of innovation, please participate in our enrollment briefing session.

Master's Student

Target

In addition, we are recruiting a small number of doctoral students who enrolled from off-campus in April as challenge places.

Date

April 23, 2021 (Fri)

Time

17:00 ~ 18:00 in Japanese
18:15 ~ 19:15 in English

Venue

Online by Zoom

Registration required. Please check our website.

Expected opportunities of people who completed this program



Social innovation through starting business ventures

Entrepreneur Outstanding researchers



To plan, propose, and promote new businesses within companies

R&D manager Program officer

Outstanding researchers



Leading creation of future society at universities and research institutes

University faculty members

Outstanding researchers

Contact

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Website

Please see our website
for details.



Features of Tokyo Tech Academy of Energy and Informatics

Cultivate **“3 Scopes”** by **“4 Course Groups”** collaborating with **“InfoSyEnergy Research and Education Consortium”**

Scope2. Big Data Science Scope

The aptitude to concretely synthesize AI analysis and data science as they apply to their own energy-related areas of specialization (expertise and skills)

Scope3. Social Design Scope

Knowledge and skills in social science disciplines covering business innovation, finance, marketing, policy theory, econometrics, etc. The ability to persuasively motivate and engage others by sharing the social and economic value of their own R&D and business designs, and leadership competencies needed for success at a global level (expertise and quality as members of society)

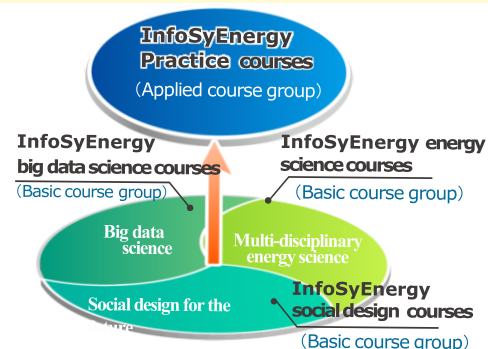
“3 Scopes”
Cultivated by this program

Scope1. Multi-disciplinary Energy Science Scope

Scholarly knowledge related to multi-disciplinary energy science classified and reconstructed through analysis of knowledge and parallels pertaining to energy devices and systems (profound expertise)

“4 Course Groups”

1. **InfoSyEnergy Energy Science courses** : 4 credits or more
2. **InfoSyEnergy Big Data Science courses** : 4 credits or more
3. **InfoSyEnergy Social Design courses** : 4 credits or more from the InfoSyEnergy Social Design courses, including one or more from restricted electives
4. **InfoSyEnergy Practice courses** : 4 credits or more including InfoSyEnergy-outreach and one or more from restricted electives



Completing both the doctoral degree program in your own Graduate Major, and Tokyo Tech Academy of Energy and Informatics program is required. There will be an acknowledgement of completion of the program on their diploma in addition to recognition of their degree

InfoSyEnergy Research and Education Consortium

Collaboration with the following Partner Institutions and promotion of educational program

Company 25 × Public institutions 5 × World's top universities 16 × TokyoTech

[Company] Azbil / BROTHER INDUSTRIES / Chiyoda / Deloitte Touche Tohmatsu / ENEOS / IHI / Iwatani / JFE Engineering / KAJIMA / Kawasaki Heavy Industries / Liten Institute(France) / Mitsubishi / Mitsubishi Electric / Mizuho Information & Research Institute / NTT FACILITIES / NTT DATA BUSINESS SYSTEMS / NTTDATA CUSTOMER SERVICE / Panasonic / Showa Denko K.K. / Sony / SUMITOMO / Tokuyama / Tokyo Electric Power Company Holdings / TOSHIBA / Toshiba Energy Systems & Solutions **[Public institution]** Jülich Research Centre(Germany) / JICA / AIST / NSTDA (Thailand) / Kawasaki-shi **[University]** EPFL(Swiss) / Georgia Tech (USA) / HITOTSUBASHI UNIV. / Imperial College London(UK) / INSA de Lyon(France) / KAIST(Korea) / MIT(USA) / NTU(Singapore) / Princeton Univ.(USA) / RWTH Aachen University(Germany) / Tsinghua Univ.(China) / UC Santa Barbara(USA) / Univ.Cambridge, Judge Business School(UK) / Univ. Stuttgart(Germany) / Uppsala Univ(Sweden) / Univ. of New South Wales(Australia)

Financial Aid System for Program Students

- Students have opportunities to participate in and receive financial support through the joint research with companies promoted by the Tokyo Tech InfoSyEnergy Research and Education Consortium.
- Doctoral students recognized as having stellar research abilities and potential can receive up to 2.4 million yen in support annually during their enrollment.

Merit of Collaboration with InfoSyEnergy Research and Education Consortium

- A global human network is created by holding various events that include cutting-edge research workshops and exchange events with consortium member companies and overseas universities, which would be an opportunity to form a career path.
- Doctoral students can participate in team-based collaborative research
- Through experience such as groupwork in the same room with overseas students at the InfoSyEnergy International Forum, students can form networks with other doctoral students and cultivate relationships that will be an asset in their postdoctoral careers.
- The business and overseas mentorship system will help students develop multifaceted viewpoints.