University Fellowship Founding Project for Innovation Creation in Science and Technology (MEXT)

Fellowship program to foster international Ph.D. holding researchers through materials innovations

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①Fellowship program to foster international Ph.D. holding researchers through materials innovations

②Prospective Profile of the Program Graduates

③Curriculum Policy

Fellowship program to foster international Ph.D. holding researchers through materials innovation

Fostering human resources capable of realizing materials which support energy/healthcare industries

★ Nanoscale Materials
★ Energy Materials
- Electronic/Battery Materials
- Ultimate Functional Materials
- Biopolymer-Based Materials

Support for wide range of career paths

- University
- Academia
- Private Sector
- Startup own business
- Others

Making good use of the existing networks, such as:

- "Joint Research Society of industry-academia-government collaboration", the consortium managed by Graduate School of Engineering (the number of participant companies: 70)
- "Graduate Course for System-inspired Leaders in Multidisciplinary Science", 2014 Program for Leading Graduate Schools

Doctorial Course International High Level Research aiming for Materials Innovations

Academic fields to be the foundation (one of the strengths of our university)
Materials Engineering based on Nanoscience

Eligible Departments
Graduate School of Engineering, Graduate School of Life and Environmental Sciences (Graduate School of Agriculture), (Graduate School of Medicine) *Those schools in brackets will be eligible from the fiscal year of 2022.

Fellowship program to foster international Ph.D. holding researchers through materials innovation

Collaborations with other programs at the university

"Graduate Course for System-inspired Leaders in Multidisciplinary Science"
-- Adopted by the MEXT in 2013 as one of the subsidized programs "Program for Leading Graduate Schools", and received "S" for the final evaluation.

Taking over the system and the know-how

Fostering international postdoctoral researchers

- Fundamental skills as a researcher
- International sensibilities, Supervision of a foreign sub-supervisor
- Career design skills

→Ph.D graduates with global awareness and self-control skills

Collaboration

"Graduate Course for System-inspired Leaders in Multidisciplinary Science"
(A five-year program in OMU)

Fostering human
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Nano Science

- ttery Materials
- Functional
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Doctorial Course
International High Level Research aiming for Materials Innovations

Career Development

- Lectures for Research Skills Enhancement
- Long-term Internship
- Mentor Program

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Research environment meeting the global standards

- Interdisciplinary collaborations on campus
- An access to high-quality laboratory equipment and analytical and testing instruments

Prospective Profile of the Program Graduates

Future Ph.D. holding researchers who can further develop the following qualifications, and those who can lead the future science technologies through highly innovative materials research based on Nanoscience.

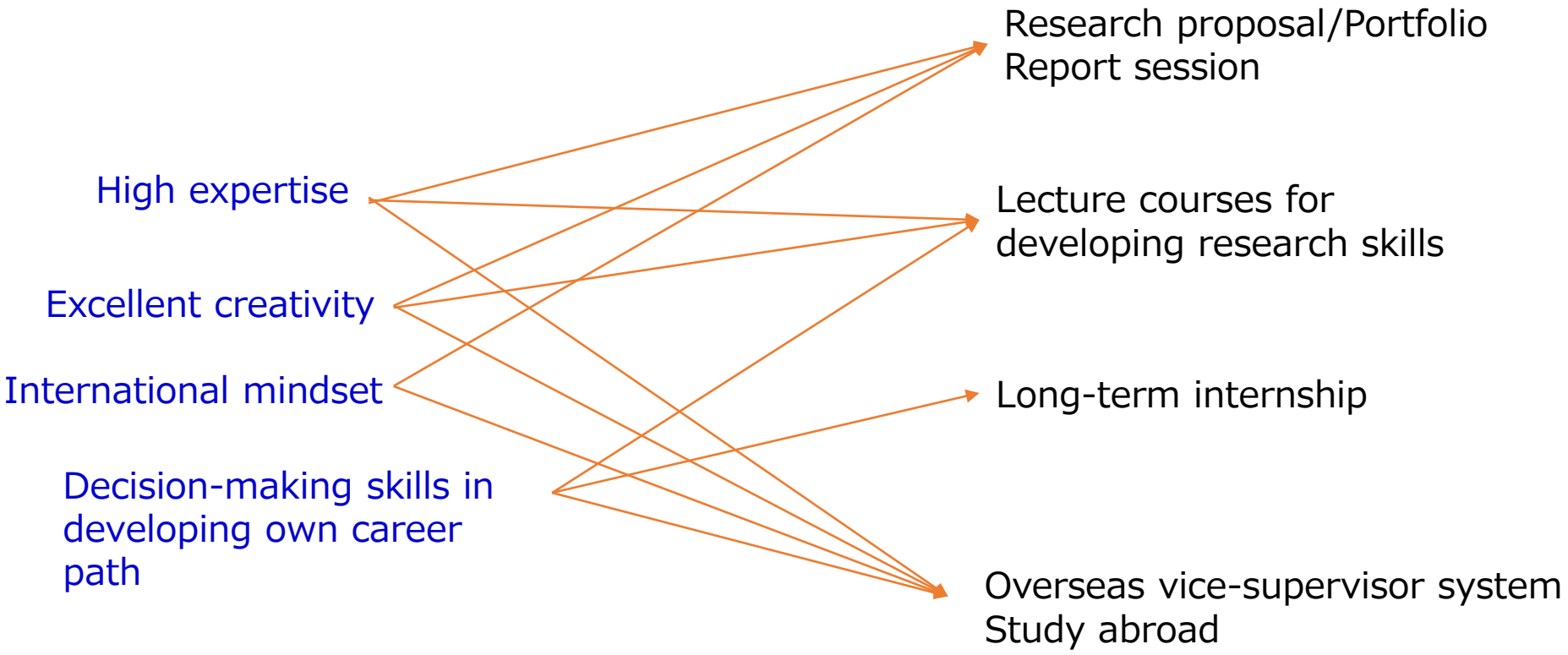
High expertise

Excellent creativity

International mindset

Decision-making skills in developing own career path

Curriculum policy



We look forward to reading your application!!!