

Changes in the Content of Entrance Examination of the Department of Quantum Science and Energy Engineering (Doctoral Program: Regular Program for Incoming Students from Other Schools, Special Selection Program for Foreign Students)

The examination contents of the department of Quantum Science and Energy Engineering (Doctoral Program: Regular Program for Incoming Students from Other Schools, Special Selection Program for Foreign Students) are changed*as listed below from the Entrance Examination in August 2024.

*Changed parts are underlined.

(Doctoral Program: Regular Program for Incoming Students from Other Schools, Special Selection Program for Foreign Students)

Subjects	Description
English	At the time of application, submit TOEFL® or TOEIC® score sheet no older than two years before the examinations. TOEFL iBT Home edition is acceptable. Contact the department if your native tongue is English.
Math A (mandatory)	Differential and Integral Calculus, Linear Algebra, Vector Analysis
Math B (mandatory)	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms
Specialized subjects (elective)	<p><u>Field I: Fluid Dynamics, Strength of Materials, Mechanical materials, Electromagnetics, Quantum Mechanics, Chemistry basics</u></p> <p><u>Field II: Radiochemistry, Radiation engineering, Reactor physics</u></p> <p><u>*Choose any two of the nine subjects (no more than one subject can be selected from Field II):</u></p>
Interview	Presentation about your study so far and research plans after entering this program. After that, a question and answer session will be held to evaluate the understanding <u>on the contents of the presentation and related specialized subjects.</u>