

Educational Program for Doctoral Students

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Course of Advanced Materials and Energy

Reserch subject : Development and evaluation of insulator device by using polymeric materials
 Possibilities : Advanced technical specialists for high-functional materials in semiconductor industry
 Advanced technical specialists for novel materials in industrial manufacturing industries

Graduate Admission

General admission

Special admission for career professionals

Special admission for international students

Requirements for Completing the Doctoral Program

Essential subject group (3 credits), Research fundamental subject group (4 credits or more), Advanced research (5 credits). Students are required to obtain 12 credits or more and to pass the final examination.

Requirements for Acquiring the Doctoral Degree

The main part of a doctoral dissertation is required to be published in at least two papers of an academic journal with critical review, and a dissertation is required to pass the evaluation by the Doctoral Dissertation Committee.

Subject	Essential subject group (Core requirements : 3 credits)	Research fundamental subject group (Elective requirements : 4 credits or more)	Advanced research (Core requirements : 5 credits)
		Common course of graduate school and course of advanced materials and energy	Acquire fundamental knowlege for energy and energy application technology for the research of energy transfer
First grade	<ul style="list-style-type: none"> ●Research ethics (1 credit) ●Energy conversion (2 credits) 	<ul style="list-style-type: none"> ●Advanced lecture on applied energy technology (2 credits) 	<ul style="list-style-type: none"> ●Research and investigation <ul style="list-style-type: none"> ①Research and investigation of insulation materials ②Research and investigation of semiconductor materials by using plasma ●Research work
Second grade		<ul style="list-style-type: none"> ●Advanced lecture on Semiconductor materials (2 credits) 	<ul style="list-style-type: none"> ●Presentation of the research at a major-classified seminar ●Presentation of the research at academic congress ●Contribution of the study to an academic journal
Third grade			<ul style="list-style-type: none"> ●Presentation of the research at a major-classified seminar ●Application for the doctoral thesis

Degree: Doctor of Engineering