

Course Number

06030

2006 「The International Priority Graduate Programs (PGP)」

~Advanced Graduate Courses for International Students~

【 1 . Profile of the University】

①University Department	Shizuoka University Graduate School of Science and Technology			
②President	AMAGISHI Yoshimitsu			
③Address (Headquarters)	〒422-8529 836 Ohya, Suruga-ku, Shizuoka			
④Contact	Division	International Center		
	Contact person's name	TSURUTA Yasuaki	e-mail	turuta-y@adb.shizuoka.ac.jp
	TEL/FAX Number	TEL:+81-54-238-4260 FAX:+81-54-238-5041		
⑤Web-Address	http://www.shizuoka.ac.jp/english/index.html			
⑥Enrollment (only GraduateSchool)	116 (include MEXT's Scholarship Students: 42)			

【 2 . Outline of the Course】

①Course	Program on Research and Education cooperation with Central European, Eastern European and Asian universities
②Degree	Doctor Course (3 years)
③Graduate Course, Department	Graduate School of Science and Technology, Department of Nanovision Science
	(Address) 3-5-1 Johoku, Hamamatsu
④Collaboration (Universities, Graduate courses, Departments)	Graduate School of Science and Technology, Department of Optoelectronics and Nanostructure Science
⑤Quota	15 students (include MEXT's Scholarship Students: 5 students) (include Japanese: 0 student)
⑥Faculties	43 professors (Full-time(only for this course): 43, Full-time(at the department offering this course):: , Parttime:)
⑦Representative of the Course	Job Title: Chairperson, Graduate School of Science and Technology
	Name: MIZUNO Tadanori

【 3. Contents of the Course】

◆Purposes and Objectives

To accept a certain number of international students of high academic standing from Central European, Eastern European, and Asian universities with academic exchange agreements, and to implement high-level education research at the Graduate School of Science and Technology at our university, by mainly emphasizing the following points:

- Improving the ability of international students to do education research
- Constructing an international exchange network with other universities with academic exchange agreements
- Enhancing the international competitiveness of education and research within the academic field of “Nanovision Science and Optronic and Nanostructure Material Functions.”

◆Program contents, special features, and student mentoring program

A program to enhance international competitiveness

This program trains students for international researchers having both deep specialty and wide related knowledge. The program includes introductory subjects that enhance students’ understanding of related fields, basic common subjects, carefully selected specialized subjects, and new-field subjects that allow students to deepen and extend their knowledge of similar specialized fields. Figure 1 shows the curriculum structure.

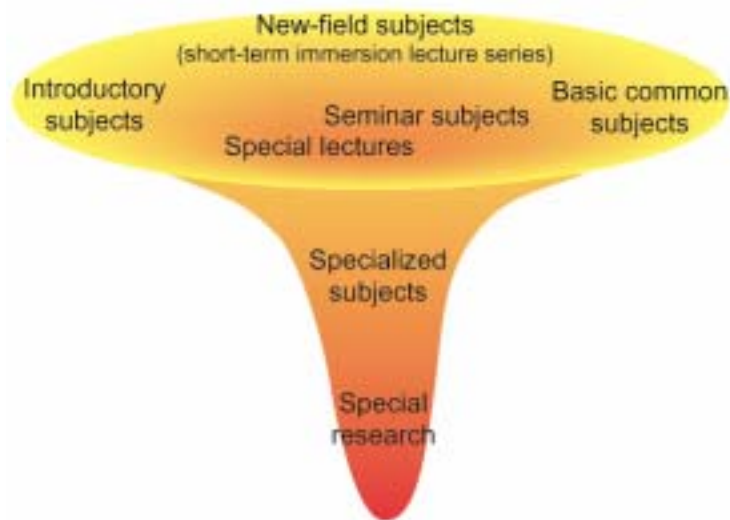


Fig.1: Curriculum structure

Feature of our department

This department has a long history after invention of the television by Dr. Kenjiro Takayanagi, and makes the world-top-level research in the image technology based on optics and electronics. The department promotes the 21st Century COE Program on Research and Education Center of Nanovision Science, the Knowledge Cluster Initiative, Strategic Research for Creation of Image Nanoelectronics by the Education and Research Expense.

Enhancement of networking opportunities and education under international relationship

The program develops human networking through international conferences; “Inter-Academia” with Central and Eastern European universities with academic exchange agreements; and “JICAST” with Chinese universities with academic exchange agreements. Based on the double-degree special program, the program accepts students from the universities with academic exchange agreements. An international network of students and faculty members is being forged by taking place international conferences cosponsored with foreign universities periodically. Such universities are; Warsaw University of Technology (Poland), Budapest University of Technology and Economics (Hungary), Comenius University, Bratislava (Slovakia), bergische Universität Wuppertal (Germany) and Alexandru Ioan Cuza University, Iasi (Romania) by the Inter-Academia, and Zhejiang University (China) by the JICAST.

Lecture subjects and research mentoring for international students

Lectures and research mentoring of this program are conducted in English. A Monday Morning Forum is held every Monday, in which all supervisors, researchers and doctoral students gather to present and discuss their research achievements. The supervisors of students in doctoral programs include a main supervisor and a vice-supervisor, one of which is from the student’s major field of interest and the other is from a different major field. Figure 2 shows the relationship between lecture subjects, education, and research mentoring.

Promoting the internationalization of the University

Various symposia, such as Inter-Academia and JICAST, are developed to enhance international networking as well as research and education of students in the doctoral course. The double-degree special program encourages international student-faculty interactions.

◆Recruitment of students, countries of applicants, and selection method

Recruitment of students is done through researchers of the Central European, Eastern European, and Asian universities with academic exchange agreements and also through homepage by the Shizuoka University International Center.

Poland, Hungary, Slovakia, Germany, Romania, China, Korea and Thailand, which have the academic exchange agreements, are preferential as applicant's countries, but other countries are also welcomed.

Academic affairs committee screens applicants through examinations of a submitted application form and an interview through internet. Applicants from other universities than those with academic exchange agreements are also adopted through the examinations within the prescribed number.

◆Implementation and evaluation system

This program is systematically implemented under the leadership of the head of a major academic field with the assistance of an academic affairs committee (which consists of a special lecture committee and a progress-management and Faculty Development (FD) committee), committees for each subject, and an evaluation committee; there is close cooperation among all of the committees. In order to determine whether the program is functioning effectively to fulfill its purpose and to evaluate the program, the following are investigated by the evaluation committee:

Whether international students can acquire a sufficient level of research ability with the research mentoring.

Based on the results of the evaluation, feedback is provided on the lectures and research mentoring.

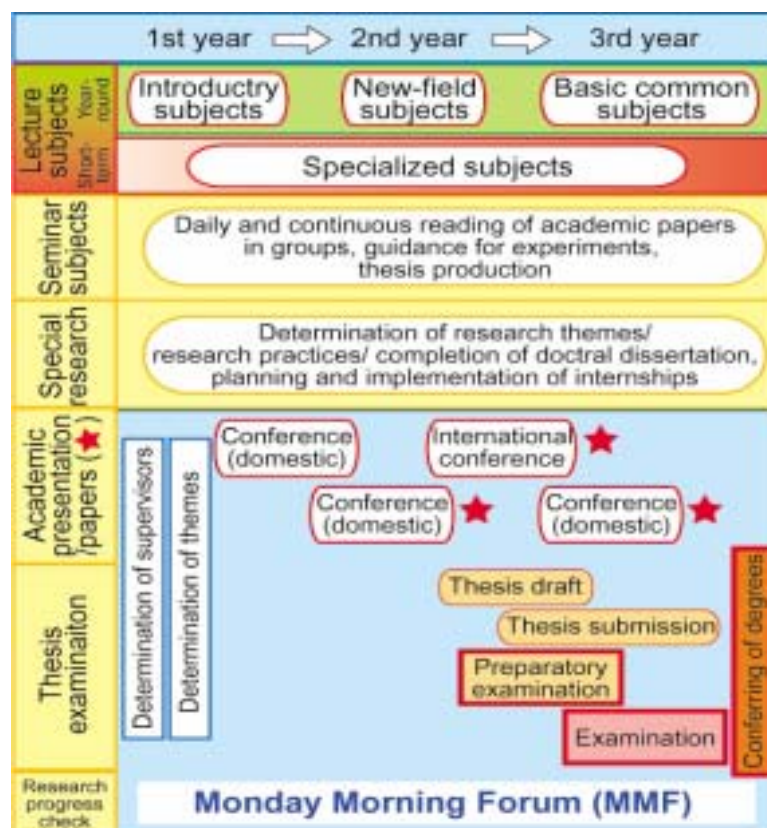


Fig.2: The relationship between subjects and education and research guidance