◆Granted as "Program for Enhancing Systematic Education in Graduate Schools"

"Program for Enhancing Systematic Education in Graduate Schools" is JSTS program to support high quality systematic education program.

Applied Experience in Food Promotion: Agriculture and Food Specialist Training Program is granted by Japanese Ministry of Educator, Culture, Sports, Science and Technology for the year of 2008, and is being offered to students in Graduate School of Science and Technology, and of Food Science.

JSPSHP http://www.jsps.go.jp/j-daigakuin/index.html

♦Organizational Chart & Management Plan

Reform Support Fund (President's discretionary spending)

Educational projects

GP financial support



Planning objective projects, self-motivating and persistent encouragement

Aiming for continuation of the program using GP financial support

Support by Niigata University

◆Program Background

Issues in current agriculture and food industries

food security, mislabeling, low self-sufficiency, aging workforce, food education... etc Needs from fields in agriculture and food

Human resources who are interested in issues coming from fields and can contribute to solve problems in agriculture and food sectors

"The Prefecture of Agriculture and Food ~ Niigata"

One of the most productive rice-growing regions in Japan + over 1000 food industries Koshihikari (bland of rice), Japanese sake, rice crackers, European pear...etc

Utilizing all these resources in Niigata as listed above

Applied Experience in Food Promotion:
Agriculture and Food Specialist Training Program

◆Program Overview

Niigata University, Graduate School of Science and Technology **Applied Experience in Food Promotion: Agriculture and Food Specialist Training Program** Master · Doctorate degree **Niigata Food Promotion Specialist Certification Project courses Evaluation Internships Specializing courses** Master • Doctorate Curricula

Food Specialist Certificate

Specialized knowledge in Agriculture

Agricultural
Specialist
Training Program

Applied Experience in Food Promotion:
 Agriculture and Food Specialist
 Training Program

Food Specialist
Training
Program

Agricultural specialist with food know-how

Specialists for technology development for sustainable agricultural production

NAS

Niigata Agricultural Specialist (first phase, doctoral program)

NSAS

Niigata Super Agricultural Specialist (second phase, doctoral program)

Food specialist with agriculture know-how

Specialist for food research and product development

NFS

Niigata Food Specialist (first phase, doctoral program)

NSFS

Niigata Super Food Specialist (second phase, doctoral program)

Specialized knowledge in Food

Ongoing Niigata Food Promotion Projects

Applied Experience in Food Promotion

first phase, doctoral program

Research Proposal in Food Promotion

second phase, doctoral program



Japanese sake project

producing and brewing sake



Milk project

maintaining and producing dairy products



Rice cracker project

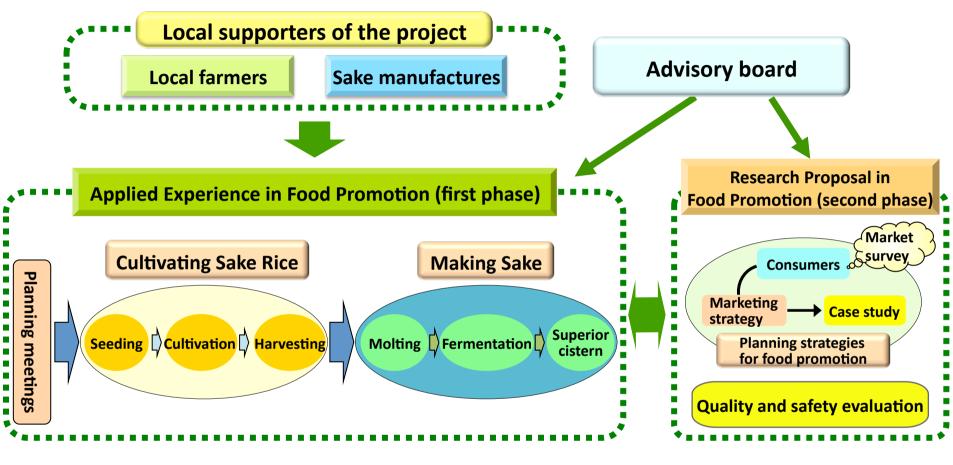
producing and creating rice crackers



European Pear project

produce maintenance, after ripening, and conservation

◆An Example of Niigata Food Promotion Projects





◆Planning-Application Internship (first phase, doctoral program)



Graduate students will look into solutions to problems (locally and globally) in agriculture and food sectors at pre-selected internship sites. Students will choose a preexisting issue and work on a possible solution. After this program, students must submit their solution proposal, which will be examined by an advisory board.

Food Promotion Global Internship (last phase, doctoral program)



Schools overseas

Chiang Mai University, Hanoi
University of Technology, Institute
of Biological and Food Technology...
etc

Oversea factories of food industries in Niigata



Understanding issues of food and agriculture with global perspective, international communication ability

◆Effect of the Program

Understanding the issues in agriculture and food sectors to gain overarching knowledge and perspective

- Applied experience in food production and processing sites
- Interaction with agricultural and food specialists in Niigata
- Applied internship opportunities for graduate students in basic food research



To train specialists who can solve issues in globalizing agriculture and food sectors and can become a driving force for energizing agricultural and food industry

◆Program Administration Chart

Agriculture and Food Specialist Training Program Center

Program Planning Division

- **◆**Reevaluating education program
- **◆**Setting graduation standards
- **♦**Questionnaire, evaluation, faculty development

Program Operation Division

- **♦**Implementing educational programs
- **◆**Request for cooperation of advisory board
- **♦**Organizing symposiums and meeting

Office of School of Graduate Studies GP

Specialist Evaluation Division

- **♦**Finalizing curricula
- **◆**Examination for specialist certificate

Program Improvement Recommendation

Intramural Advisory Board

- **♦**Recommendations and advice for the program
- **◆**Examination for specialist certificate



Extramural Advisory Board

- **◆**Recommendations and advice for the program
- **◆**Examination for specialist certificate