

Nagoya University  
Global Environmental Leaders Program

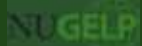
名古屋大学  
国際環境人材育成プログラム

# Toward the Establishment of Chubu Consortium for Environmental Leaders Development 中部環境リーダー育成コンソーシアム 設立に向けて

Supported by  
Special Coordination Funds for Promoting Science and Technology  
Ministry of Education, Culture, Sports, Science and Technology of Japan



振興調整費



Nagoya University Global Environmental Leaders Program



## Education in Nagoya University to Foster Global Environmental Leaders

### 世界の環境リーダー育成に向けた名古屋大学での教育

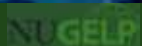
#### 1. Graduate School of Environmental Studies

- (i) Department of Environmental Science・・・Meteorology, Geology, Earth Science, Etc.
- (ii) Department of Environmental Engineering and Architecture・・・Civil Engineering, Environmental Materials, Architecture, Etc.
- (iii) Department of Social Environmental Studies・・・Economics, Sociology, Psychology, Policy Science, Geography

- Created in 2001 after restructuring of existing organizations
- Based on Wide-Range of Academic Principles Covering Natural and Social Sciences

#### 2. Center for Global Environmental Leaders

- Created in November 2008 and Directed by Vice-President of Nagoya University
- Cross-Faculty Partnership
- Cooperation with Outside Organizations



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## Two Flagship Programs 2つの主力プロジェクト

### 1. Nagoya University Environmental Leaders Program (NUGELP, Starting from 2008)

#### 国際環境人材育成プログラム

- Financial Support by Ministry of Education, Science and Sports
- Master Course Program Focusing on
  - Climatic Change Mitigation and Adaptation
  - Water and Waste management
  - Biodiversity Conservation

### 2. Global Center of Excellence (G-COE) Program on Basic and Clinical Environmental Studies (Starting from 2009)

#### 基礎・臨床環境学

- Financial Support by Ministry of Education, Science and Sports
- Doctor Course Program of “Integrated Environmental Study Course” (to be Launched in 2010)
- Balance of Diagnosis and Treatment・・・Scientific Understanding of Environmental Phenomena and Presentation of Practical Solutions
- ORT(On-Research Training) in Asia

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## Nagoya University Global Environmental Leaders Program

名古屋大学  
国際環境人材育成プログラム

### Objective (目的)

To foster future environmental leaders who are able to deal with global environmental problems, especially in Asia and Africa

### Focal Areas (対象分野)

- Climate Change Mitigation and Adaptation
- Water and Waste Management
- Biodiversity Conservation

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## Unique Education Program (独自の教育プログラム)

- Approach to problem solution (問題解決へのアプローチ)  
Interdisciplinary education focusing on understanding issues, acquisition of technological know-how, and design of policies and institutions
- Cross-faculty partnership (多様な専門領域の連携)  
Special lectures and seminars offered by the graduate schools of Environmental Studies, Engineering, Bioagricultural Sciences, International Development, etc.
- Networking with external organizations (学内外の協力)  
Global Research Internship at local companies and NPOs, and overseas universities and organizations
- Developing international human resources (国際的に活躍する人材の育成)  
Lectures and seminars are provided in English

## Curriculum at a Glance (カリキュラムの概要)

### Majors (専攻)

- Climate Change Mitigation and Adaptation
- Water and Waste Management
- Biodiversity Conservation

### Year One: Expanding knowledge (1年次: 知識の拡大)

- Lectures, seminars, etc. in participating departments
- Special lectures by external practitioners from the Nagoya-Chubu Region

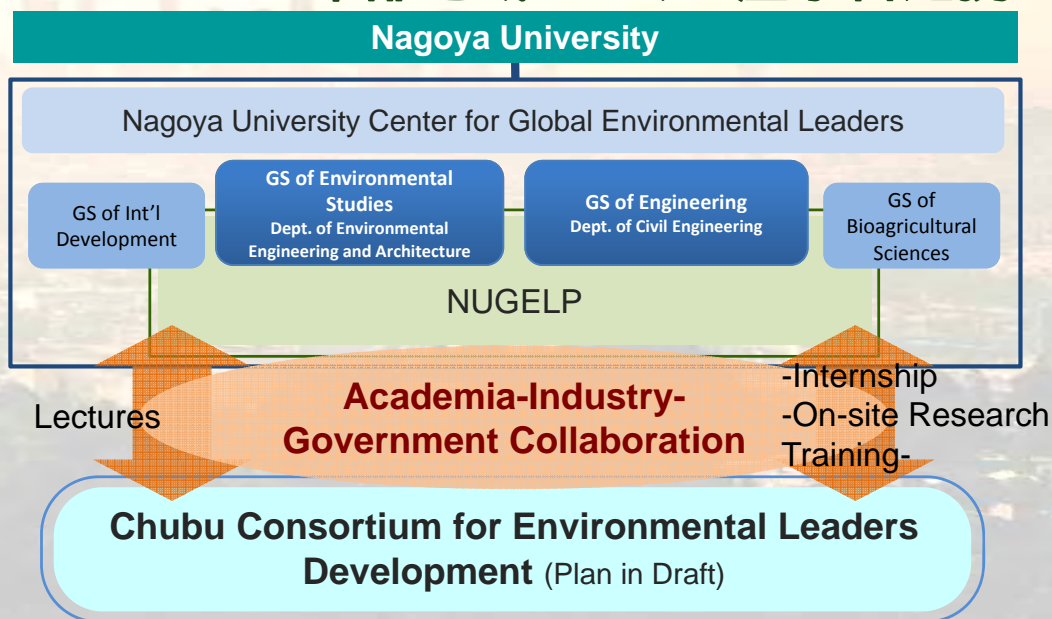
### Year Two: Practical experience and research (2年次: 実務経験と研究)

- Global Research Internship at companies, local governments or international organization
- Master's thesis compilation which will involve data collection and analysis through domestic and overseas field studies

### Degree (学位)

- Master of Environmental Studies, or Master of Engineering (30 coursework credits and Master's thesis)
- In addition, a special certificate (about 24 coursework credits and Master's thesis in English) is awarded.

# Academia-Industry-Government Collaboration in Chubu Region 中部地域における産学官連携



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## Chubu Consortium for Environmental Leaders Development (Plan in Draft) 中部環境リーダー育成コンソーシアム(案)

### Objective (目的)

- To provide more comprehensive and systematic education program
- To establish a center of human resource development by taking advantage of the characteristics of the manufacturing region

### Key Features (特色)

- Field-oriented lectures by the experts from outside the university
- Research-based Internship (ORT)

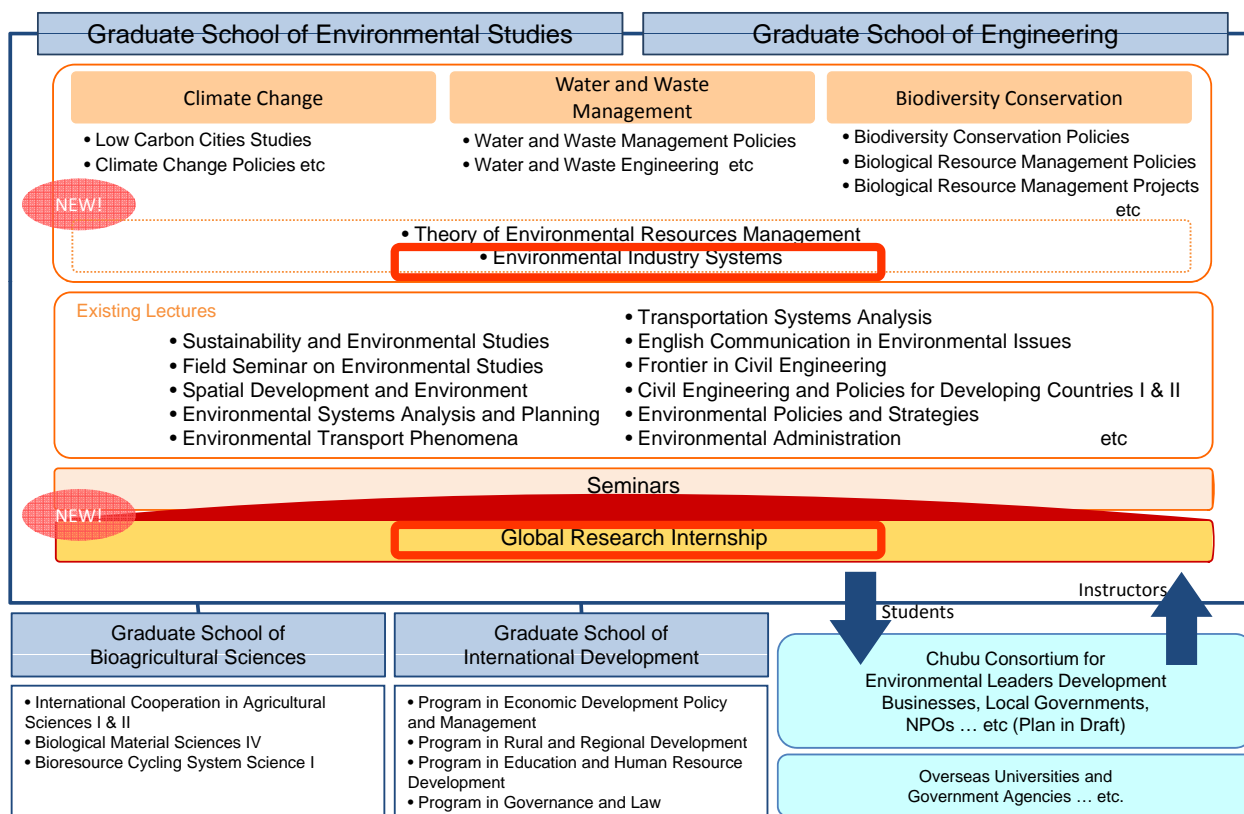
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# Curriculum Model (カリキュラムモデル)

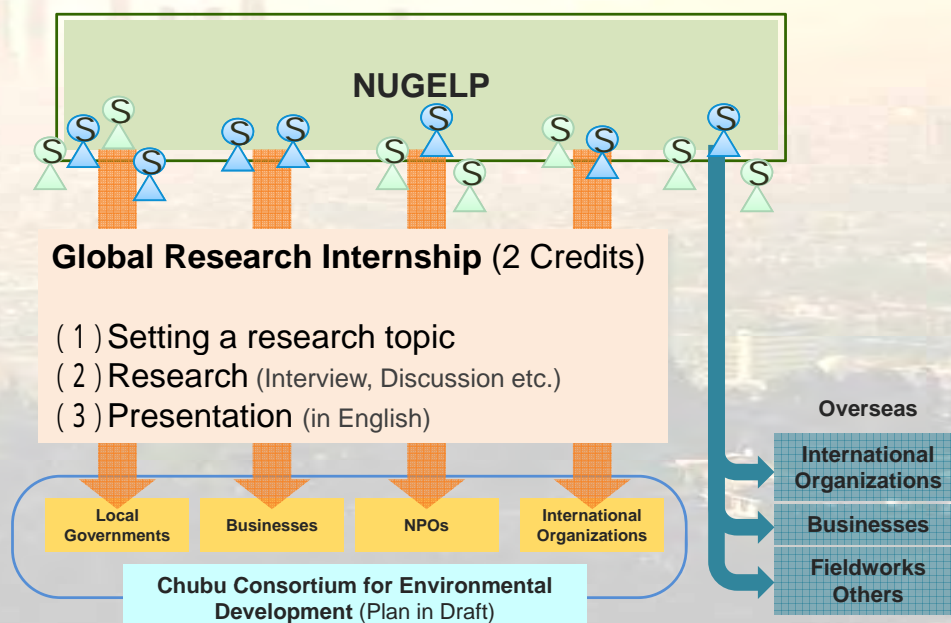


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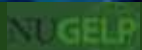
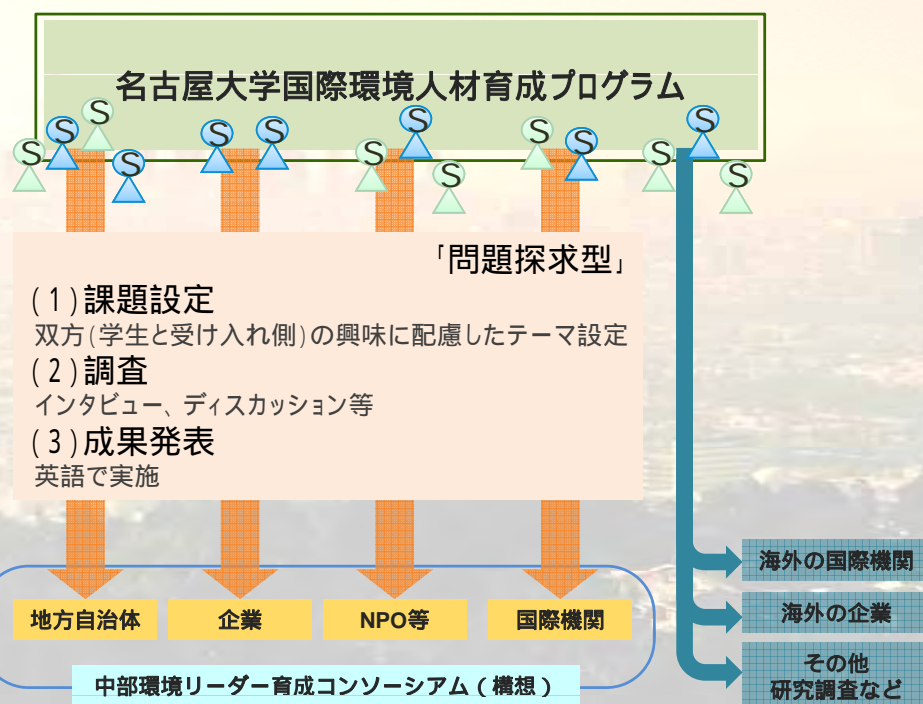


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# グローバル研究インターンシップ (プログラム学生必修科目)



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## Contact Information 連絡先



Nagoya University Global Environmental Leaders Program

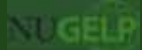
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