

A Graduate Sub-major Program for
Environmental Leadership Development
To Promote Environmental Management of Corporations

Guideline for Green Management Program

“Guidelines for Green Management Program”

(GMP Guideline) is an educational guideline that is designed to foster the environmental leaders who promote environmental management in corporations and governments. GMP guideline is assumed to be used as a sub-major in master’s degree course regardless of one’s expertise and can also be useful for environmental training for business managers.

■ EcoLeaD activities related to the guideline

In EcoLeaD, activities listed below are being planned to implement on the purpose of augmentation of guideline implementation in university.

- Development of textbooks and educational materials
- Certification for educational course
- Qualification for students who completed the environmental programs.

■ Contact Us

This guideline is distributed on EcoLeaD website on the purpose of broad dissemination. The booklet is also available for free with only postage costs (English and Japanese version are available).

If you would like the booklet, please let us know the followings; 1. Full name, 2. Organization, 3. Number of copy, 4. Purpose of Use.

If you have inquiries and/or opinions about the guideline and Environmental Consortium for Leadership Development (EcoLeaD), please contact below,

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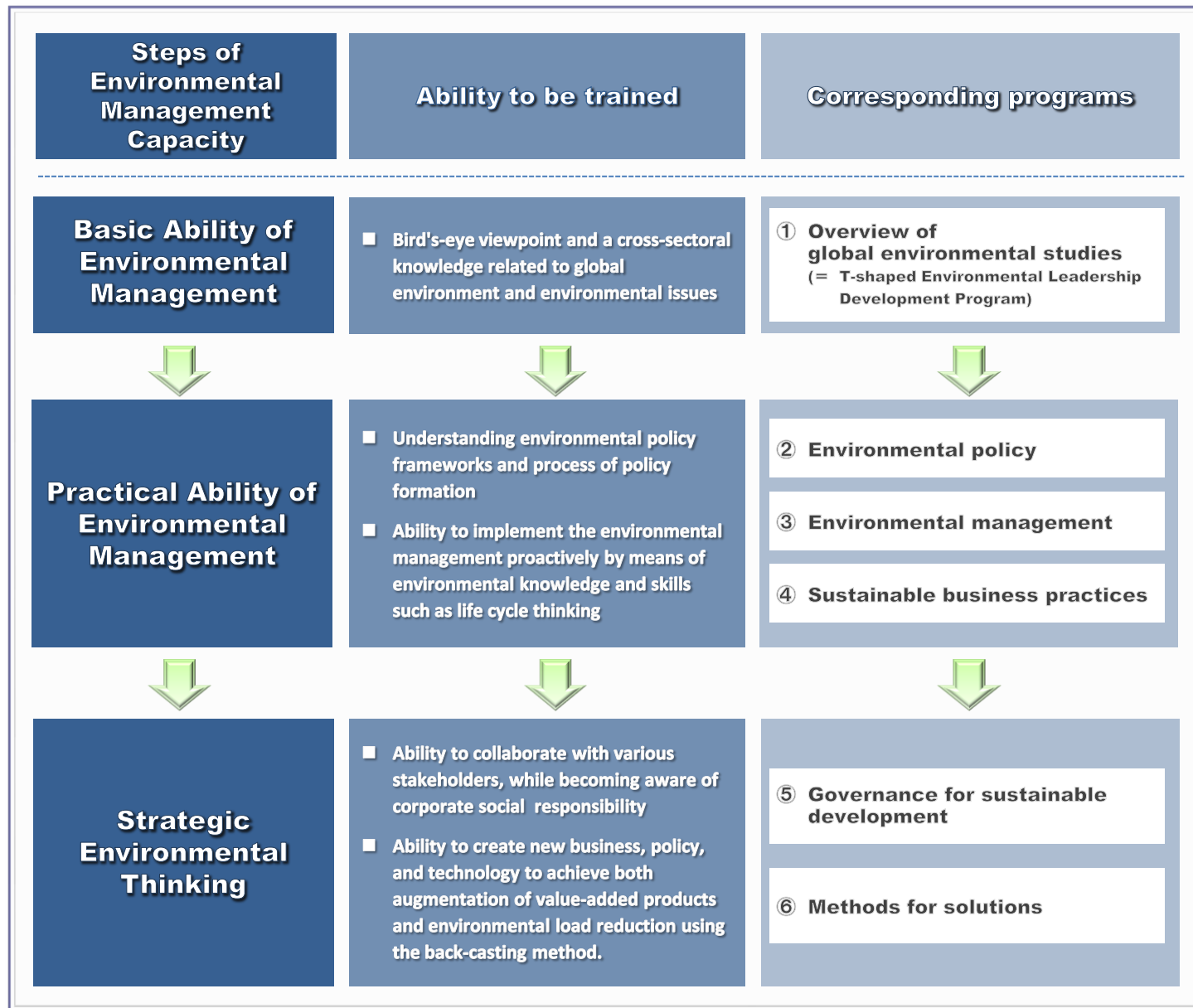
This program was created by the collaborative work of the Ministry of the Environment and Environmental Consortium for Leadership Development (EcoLeaD).

Outline of GMP Guideline

GMP Guideline is designed to provide the learning and training of “environmental management capacity” through a sub-major (six programs*) in the Master’s degree program.

In GMP, stepwise learning of the following three courses, which are “Basic Ability of Environmental Management”, “Practical Ability of Environmental Management”, and “Strategic Environmental Thinking”, aims to develop “Environmental Management Capacity” which enables us to realize the establishment of sustainable society and augmentation of corporate values.

*15 classes per program
(90minutes lecture per class)



Point1 Introduction of pragmatic exercises to implement environmental management

Each class in GMP guideline includes pragmatic exercises such as case studies and building business model, and nurture environmental leaders who can lead the “Environmental Management” in corporations, governments, and etc.

Point2 Well-balanced curriculum

Since the curriculum covers the various items essential for environmental management, students are able to learn the environmental management comprehensively and multilaterally. In addition to the acquisition of knowledge and skills of environmental policy, environmental accounting and etc., various concepts such as life cycle thinking, multi-stakeholder philosophy, back-casting, and so on, are also included and well-organized.

Point3 Considerations taken by business operators

The contents of the guidelines were created with considerations from Advisory Committee, which is composed of business operators, and therefore reflect actual operations of management in corporations.

Structure of GMP Guideline

① Overview of global environmental studies (=T-shaped Environmental Leadership Development Program to Cultivate “Environmental Ability”)

- Systematic and cross-sectional knowledge and understanding of the global environment and its issues in order to perceive an overall picture
- A bird's eye viewpoint that enables understanding of the relationship between environmental issues and corporate management as well as an ability to identify the axis of problems associated with environmental issues based on systematic and cross-sectional knowledge
- Ability to take the initiative to examine environmental issues based on one's own thinking

② Environmental policy

- Understanding a big-picture of the frameworks, principles, trends and backgrounds of domestic and international environmental policies that are necessary for corporate activities
- Ability to comprehend the frameworks, overall picture as well as goals of environmental policies and to envision and have insight on future trends
- Ability to take the initiative in examining and proposing solutions based on the understanding of roles played by each organization (i.e. corporations, administrations, NGO/NPOs), significance of cooperation and collaboration, and how to realize the transition to a sustainable society through environmental policies



③ Environmental management

- Basic knowledge of environmental management.
- Ability to develop environmental management strategies that aims to simultaneously achieve environmental preservation and creation of benefits to realize a low-carbon, recycling and symbiotic society.
- Knowledge and ability to utilize effective tools for environmental management systems, environmental marketing, environmental reports and environmental accounting
- Ability to practice environmental management alongside market trends, such as Socially Responsible Investment.



④ Sustainable business practices

- Knowledge and abilities to utilize valid tools for environmental management such as LCA
- Knowledge concerning the relationship between biodiversity and corporate activities as well as legal systems such as regulations on toxic chemical substances and the Green Purchase Act; Ability to build business models based on diverse environmental factors and risk management perspectives
- Management ability to build products with added values, manufacturing processes and organizational structure in an environmental context by using concepts and assessment tools based on lifecycle thinking



⑤ Governance for sustainable development

- Building upon qualifications including flexible thinking with a broad perspective, accurate contextual awareness and a consistent ability to take actions, the knowledge and ability to practice corporate management in accordance with the awareness of corporate social responsibility and social governance
- Ability to identify stakeholders' expectations and bring about collaboration through dialogues with stakeholders and stakeholder engagement
- Ability to solve new issues among multi-stakeholders in the global society



⑥ Methods for solutions

- Knowledge and abilities to discover the fundamental axis of problems from a bird's-eye viewpoint and create solutions based on back casting thinking in order to solve environmental issues
- Ability to create new business, policies and technologies that presuppose both the reduction of environmental loads and increase of value by environmentally friendly products and processes

