Graduate Institute of Sustainability Management and Environmental Education
Student Professional Competency Indicators

Revised and approved at the Student Professional Competency Indicators Revision Meeting on November 11, 2013
Revised and approved at the 2nd Curriculum Committee Meeting of Academic Year 2013-2014 on November 18, 2013
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Competency Category	1. Knowledge / Cognition	2. Professional Competencies	3. Personal Qualities	4. Values / Ethics
COMMON 9	1. Understand the characteristics of global and local environments, as well as policies and trends in sustainable development. 2. Possess knowledge and skills in issue analysis, environmental investigation, independent and collaborative research, and program evaluation. 3. Possess systems-thinking and critical-thinking abilities.	1. Be able to conduct environmental education research and development, integrated planning, innovative design, and operational management in response to the characteristics of different settings, target groups, issues, and approaches.	1. Demonstrate enthusiasm, innovation, curiosity, independent thinking, self-reflection, and the ability to put ideas into practice in daily life.	1. Possess scientific and humanistic literacy and appreciate and respect cultural diversity and plural values. 2. Possess a global perspective with local concern and care about environmental and social equity and justice.
SUSTAINABILITY MANAGEMENT TRACK 1	1. Clearly grasp major trends in environmental, social, and corporate governance (ESG) and in international and domestic sustainable development. 2. Understand management practices and tools for sustainability governance. 3. Understand trends and practices in climate change and low-carbon transition.	1. In the public sector, be able to design policies for sustainable development, low-carbon transition, and future talent needs. 2. In the corporate sector, meet talent needs in sustainable development and ESG management and leadership. 3. Be able to plan and advance sustainable-development programs in various organizations, with strong implementation capacity.	1. Proactively understand global trends, show enthusiasm for advancing sustainable development, and possess a strategic perspective. 2. Possess foresight and an international perspective. 3. Demonstrate altruism and open communication, with strengths in interpersonal management and promoting teamwork.	1. Possess a holistic perspective oriented toward sustainable development, with diversity and inclusion as core values. 2. Be able to engage and negotiate with different stakeholders and propose sustainability-oriented solutions based on their needs.
ENVIRONMENTAL EDUCATION TRACK 2	1. Possess a foundation in the nature of environmental education, environmental philosophy, and environmental ethics. 2. Possess knowledge and competencies in environmental interpretation (EI), environmental communication (EC), and environmental education (EE). 3. Possess awareness and environmental literacy regarding global and local natural and cultural environments.	1. Possess the ability to promote environmental education through interdisciplinary collaboration, partnership building, communication and coordination, and social marketing. 2. Possess the ability to plan and implement environmental education curricula/programs and evaluate their effectiveness. 3. Possess the knowledge and skills to assist government and civil society in environmental education system planning, policy research, and human-resource training and development.	1. Possess the ability to participate in discussion and action on social and environmental issues. 2. Demonstrate leadership, innovation, and development-oriented qualities in environmental education research and practice. 3. Demonstrate enthusiasm for theoretical and applied research related to environmental education.	1. Possess care and values toward the environment and strengthen a sense of environmental responsibility. 2. Cultivate concern for global and local sustainable development and environmental ethics. 3. Understand the value of ecological diversity and cultural diversity, and hold a commitment to maintaining a diverse and sustainable global environment.