

MASTER OF SCIENCE IN SUSTAINABILITY MANAGEMENT (MSCSM) PROGRAM

Required core course: SSM1010Y Principles of Sustainability Management

Course Description:

The course is designed to develop an understanding of the lens of sustainability management and its applications in diverse decision making situations. The lens of SM is neither the lens of sustainability nor the lens of conventional management but includes both, and is developed using the concepts of integrative science such as the principle and plausibility method. The course is divided into three parts: the first part covers the basic principles of sustainability including the principles of triple-bottom, precautionary, balance, equity, zero and negative discounting, weak and strong sustainability, resource ethics, life cycle, and systems analysis. The second part covers the basic foundations, principles and functions of management including management approaches of Taylor, Fayol, and Weber, neoclassical and systems theory of management and management functions of planning, organising, leading, and controlling.

The third part focuses on the lens of SM and its applications such as: sustainability as economic rationality, sustainability as a comprehensive theory of the firm, enhanced management rationalities incorporating sustainability, planning and entrepreneurship (including competitiveness and cooperation) for sustainability of organizations and society, organizing and operations for sustainability, integrative thinkers and leadership for sustainability, investments for sustainability, accountability for sustainability, and responsibility for sustainability. Students will analyze the current management practices in various profit and non-profit organizations using these concepts and will develop models for sustainability management practices.