SMU Graduate Learning Outcomes (GLO)-based Rubrics: Understanding of Sustainability Issues

Dimension	Relevance
Externality Recognition Ability to identify and analyse the positive and negative externalities of economic activities on society and the environment at the local, national, and global level, using insights from environmental and other sciences.	Enables identification of unintended consequences, highlighting challenges that threaten the needs of present and future generations.
Systems Thinking Understanding of interdependencies within and between social, environmental, and economic systems, including the interdependencies clarified in life cycle analysis.	Reveals how externalities emerge in interconnected systems, facilitating effective management approaches.
Stakeholder Engagement Skill in identifying stakeholders affected by sustainability issues, understanding their perspectives, communicating with them, and developing collaborative strategies.	Ensures consideration of communities and business approaches when addressing sustainability challenges.
Policy and Regulation Comprehension Understanding sustainability-related regulations, standards, and governance frameworks at local, national, and international levels, and evaluating their influence on business practices and various societal outcomes.	Provides insight into existing regulatory approaches for addressing sustainability challenges.
Sustainability Metrics and Reporting Ability to formulate and interpret key sustainability performance indicators and to describe and evaluate corresponding reporting frameworks.	Enables quantification and tracking of economic, social, and environmental challenges, supporting evidence-based decision-making by different stakeholders.
Resource and Energy Efficiency Understanding principles of efficient energy and resource use, including circular economy, renewable energy and strategies for managing finite resources sustainably.	Addresses challenges related to meeting the needs of present and future generations through sustainable energy and resource use.
Innovation and Technology for Sustainability Ability to evaluate, develop, and implement technological and business-model innovations to solve sustainability challenges.	Provides tools and approaches to create and implement new technological and business-model solutions for addressing sustainability issues.