#### Metric 17.4

# AY 2024 - 2025

# Saint Louis University Education for the SDGs



17 PARTNERSHIPS FOR THE GOALS



### Indicator 17.4.2

#### AY 2024 - 2025

### **Saint Louis University**

# Education for SDGs-specific Courses on Sustainability



17 PARTNERSHIPS FOR THE GOALS



### SLU Commits to SDGs Through New Disaster Risk Management Program

#### Published in the SLU School of Advanced Studies Facebook:

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Saint Louis University (SLU), demonstrates its commitment to sustainability by introducing specialized academic programs. A prime example is the Diploma in Disaster Risk Management (DipDRM), an 18-unit, one-year graduate program designed for current and aspiring professionals in the field. This program directly addresses crucial sustainability issues by focusing on disaster preparedness, mitigation, and resilience, which are integral components of building sustainable communities (SDG 11) and strengthening climate action (SDG 13). By offering such targeted and forcredit courses that bridge theory and practice, SLU is actively cultivating the expertise and leadership necessary to tackle complex and real-world sustainability challenges.





## SLU Advances Sustainability with Multi-Disciplinary Graduate Programs

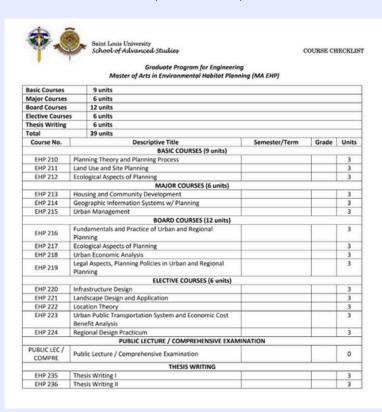
#### **Published in the Saint Louis University Website:**

https://www.slu.edu.ph/sas/

https://drive.google.com/file/d/1jv3udHG7M5-2s3LSd6PLUv2oXH8hCiK2/view https://drive.google.com/file/d/1mBrCeKREzq\_54I9VkNYK8a8442844mni/view

Saint Louis University (SLU), promotes sustainability and the UN's Sustainable Development Goals (SDGs) through a robust portfolio of dedicated graduate degrees. The Master of Science in Environmental Engineering, for example, directly trains experts to tackle critical environmental challenges, with coursework in water quality management and wastewater treatment (SDG 6: Clean Water and Sanitation), solid and hazardous waste management (SDG 12: Responsible Consumption and Production), and air pollution control (SDG 11: Sustainable Cities). This technical focus is complemented by the Master of Arts in Environmental and Habitat Planning, which equips planners to design and manage sustainable human settlements by focusing on land use, urban management, and the ecological aspects of planning (SDG 11). Furthermore, specialized, flexible programs like the new Diploma in Disaster Risk Management (DipDRM) build essential community and institutional resilience, directly supporting climate action (SDG 13). Together, this multi-disciplinary programs demonstrates SLU's practical expertise needed to build a sustainable and resilient future.

BASIC COURSES (9 units)



	Descriptive Title	Semester/
EN E 205	Advanced Engineering Mathematics	
EN E 206	Numerical Methods and Optimization Techniques	
EN E 210	Environmental Chemistry	
CORE COURSES		
EN E 211	Research Methods in Environmental Engineering	
EN E 212	Introduction to Environmental Engineering	
EN E 213	Geographical Information Systems	
EN E 214	Environmental Impact Assessment	
EN E 215	Water Chemistry and Analysis	
EN E 216	Microbiology for Environmental Engineers	
EN E 217	Instrumental Methods for Environmental Analysis	
MAJOR COURSE	S (12 units)	
Water Pollution		
EN E 218	Water Quality Control & Management	
EN E 219	Wastewater Treatment Design	
EN E 220	Water Treatment Design	
EN E 221	Tertiary Treatment of Process Water	
EN E 222	Groundwater Hydrology	
Air Pollution	· -	
EN E 223	Air Pollution Control	
EN E 224	Particulate Systems	
EN E 225	Noise Pollution	
EN E 226	Atmospheric Chemistry	
Land Pollution	1	
EN E 227	Solid Waste Disposal and Management	
EN E 228	Solid Pollution	
EN E 229	Toxic & Hazardous Waste Management	
EN E 230	Land Management	
	mental Measures and Processes	
EN E 231	Pollution Prevention in Big & Small Scale Mining	
EN E 232	Mine Wastewater Treatment	
EN E 233	Mine Solid Waste and Hazardous Waste	
EN E 234	Mine Atmospheric Systems & Air Pollution Control	
EN E 235	Advanced Mine Environmental Management	
EN E 236	Advanced Mining Environmental Laws & Ethics	
EN E 237	Advanced Mine Ventilation	

SAINT LOUIS UNIVERSITY
A. Bonifacio, Baguio City
SCHOOL OF ADVANCED STUDIES

1	School of Advanced Studies	•	DOURSE CE	IECKLI
	Graduate Program for Engineerin Diploma in Disaster Risk Management (I			
Basic Courses	9 units			
Major Courses	9 units	9 units		
	BASIC COURSES (9 units)			
Course No.	Descriptive Title	Semester/Term	Grade	Units
DIPDRM 201	Research Design and Methods			3
DIPDRM 202	Theoretical Development and Related Framework in DRM			3
DIPDRM 203	Disaster and Emergency Planning, Policies and Practice			3
	MAJOR COURSES			
DIPDRM 204	Sociology of Disasters			3
DIPDRM 205	Management of Manmade and Natural Hazards			3
DIPDRM 206	Mental Health and Psychosocial Support in Emergencies			3
DIPDRM 207	Innovations and Technologies for Disaster and			3
	Emergency Management			
DIPDRM 208	Public Health in Disasters			3
DIPDRM 209	Risk Management and Organizational Continuity			3
DIPDRM 210	Indigenous Knowledge and Practices in DRM			3
DIPDRM 211	Resilience Management and Leadership in Emergencies			3
DIPDRM 212	Geographic Information Systems and Spatial Thinking			3

	SAINT LOUIS UNIVERSITY A. Bonifacio, Baguio City SCHOOL OF ADVANCED STUDIES Curriculum Checklist	٠	
	VE EXAMINATION/REVIEW OF RELATED LITERATURE ter completion of academic courses		
PUBLIC LEC/ COMPRE	Comprehensive Examination/Public Lecture/RRL		0
THESIS WRITIN	IG (6 units) Prerequisite: Comprehensive Examination/RRL		
EN E 231	Thesis Writing I		3
EN E 232	Thesis Writing II		3
	TOTAL NUMBER	OF UNITS OF THE PROGRAM	39



Grade Units