

# 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:

<https://www.facebook.com/share/p/6kAhMFoRjDbgsjFB/>

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 for-credit courses that bridge theory and practice, SLU is actively cultivating the expertise and leadership necessary to tackle complex and real-world sustainability challenges.



## **DIPLOMA IN DISASTER RISK MANAGEMENT**

### ***DipDRM***

# **18 units**

#### **Core Courses**

- Research Design and Methods
- Theoretical Development and Related Frameworks in DRM
- Disaster and Emergency Planning, Policies and Practice

#### **Specialized Courses**

- Sociology of Disasters
- Management of Manmade and Natural Hazards
- Mental Health and Psychosocial Support in Emergencies
- Innovations and Technologies for Disaster and Emergency Management
- Public Health in Disasters
- Risk Management and Organizational Continuity
- Indigenous Knowledge and Practices in DRM
- Resilience Management and Leadership in Emergencies
- Geographic Information Systems and Spatial Thinking

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# 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](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.

Saint Louis University  
School of Advanced Studies

COURSE CHECKLIST

**Graduate Program for Engineering**  
**Master of Arts in Environmental Habitat Planning (MA EHP)**

Basic Courses	9 units			
Major Courses	6 units			
Board Courses	12 units			
Elective Courses	6 units			
Thesis Writing	6 units			
Total	39 units			
Course No.	Descriptive Title	Semester/Term	Grade	Units
<b>BASIC COURSES (9 units)</b>				
EHP 210	Planning Theory and Planning Process			3
EHP 211	Land Use and Site Planning			3
EHP 212	Ecological Aspects of Planning			3
<b>MAJOR COURSES (6 units)</b>				
EHP 213	Housing and Community Development			3
EHP 214	Geographic Information Systems w/ Planning			3
EHP 215	Urban Management			3
<b>BOARD COURSES (12 units)</b>				
EHP 216	Fundamentals and Practice of Urban and Regional Planning			3
EHP 217	Ecological Aspects of Planning			3
EHP 218	Urban Economic Analysis			3
EHP 219	Legal Aspects, Planning Policies in Urban and Regional Planning			3
<b>ELECTIVE COURSES (6 units)</b>				
EHP 220	Infrastructure Design			3
EHP 221	Landscape Design and Application			3
EHP 222	Location Theory			3
EHP 223	Urban Public Transportation System and Economic Cost Benefit Analysis			3
EHP 224	Regional Design Practicum			3
<b>PUBLIC LECTURE / COMPREHENSIVE EXAMINATION</b>				
PUBLIC LEC / COMPRE	Public Lecture / Comprehensive Examination			0
<b>THESIS WRITING</b>				
EHP 235	Thesis Writing I			3
EHP 236	Thesis Writing II			3





**Saint Louis University**  
*School of Advanced Studies*

**COURSE CHECKLIST**


**Graduate Program for Engineering**  
**Diploma in Disaster Risk Management (DIPDRM)**

Basic Courses	9 units
Major Courses	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 Emergency Management			3
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



**ENGINEERING PROGRAMS**  
**Master of Science in Environmental Engineering (MS EN E)**

Name: \_\_\_\_\_ Student ID No.: \_\_\_\_\_

BASIC COURSES (9 units)				
Course No.	Descriptive Title	Semester/Term	Grade	Units
EN E 205	Advanced Engineering Mathematics			3
EN E 206	Numerical Methods and Optimization Techniques			3
EN E 210	Environmental Chemistry			3
CORE COURSES (12 units)				
EN E 211	Research Methods in Environmental Engineering			3
EN E 212	Introduction to Environmental Engineering			3
EN E 213	Geographical Information Systems			3
EN E 214	Environmental Impact Assessment			3
EN E 215	Water Chemistry and Analysis			3
EN E 216	Microbiology for Environmental Engineers			3
EN E 217	Instrumental Methods for Environmental Analysis			3
MAJOR COURSES (12 units)				
Water Pollution				
EN E 218	Water Quality Control & Management			3
EN E 219	Wastewater Treatment Design			3
EN E 220	Water Treatment Design			3
EN E 221	Tertiary Treatment of Process Water			3
EN E 222	Groundwater Hydrology			3
Air Pollution				
EN E 223	Air Pollution Control			3
EN E 224	Particulate Systems			3
EN E 225	Noise Pollution			3
EN E 226	Atmospheric Chemistry			3
Land Pollution				
EN E 227	Solid Waste Disposal and Management			3
EN E 228	Solid Pollution			3
EN E 229	Toxic & Hazardous Waste Management			3
EN E 230	Land Management			3
Mining Environmental Measures and Processes				
EN E 231	Pollution Prevention in Big & Small Scale Mining			3
EN E 232	Mine Wastewater Treatment			3
EN E 233	Mine Solid Waste and Hazardous Waste			3
EN E 234	Mine Atmospheric Systems & Air Pollution Control			3
EN E 235	Advanced Mine Environmental Management			3
EN E 236	Advanced Mining Environmental Laws & Ethics			3
EN E 237	Advanced Mine Ventilation			3

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

