



**PROGRAM OF STUDY
 DOCTOR IN SUSTAINABLE DEVELOPMENT STUDIES (DSDS)
 (WITHOUT BRIDGING COURSES)
 MAJOR IN ENVIRONMENTAL ENGINEERING (EnviEng'g)**

First Year, First Semester

Course No.	Course Title	Units	Hrs./Wk			Co requi site(s)	Pre requi site(s)	Grade
			Lec	Lab/ Fieldwork	Total			
SDS301	Advanced Research Methods for Sustainable Development	3	54	0	54	None	None	
SDS302	Sustainable Project Management	3	54	0	54	None	None	
SDS303	Sustainable Development Policy and Governance	3	54	0	54	None	None	
	TOTAL	9	162	0	162			

First Year, Second Semester

Course No.	Course Title	Units	Hrs./Wk			Co requi site(s)	Pre requi site(s)	Grade
			Lec	Lab/ Fieldwork	Total			
SDS304	Fundamentals of Disaster Risk Reduction and Climate Change Adaptation	3	36	54	90	None	None	
Cognate		3	54	0	54	None	SDS301	
	Major 1	3	36	54	90	None	SDS301	
	TOTAL	9	126	108	234			

Second Year, First Semester

Course No.	Course Title	Units	Hrs./Term			Corequi site(s)	Prerequi site(s)	Grade
			Lec	Lab/ Fieldwork	Total			
SDS395	Special Problem	3	54	0	54	None	SDS301	
SDS396	Field Practice	6	36	30hrs/Wk	36	None	SDS301	
	TOTAL	6	90	320 hrs	90			



Second Year, Second Semester

Course No.	Course Title	Units	Hrs./Term			Co requi site(s)	Pre requi site(s)	Grade
			Lec	Lab/ Fieldwork	Total			
SDS397	Practice-Based Dissertation	12	216	0	216	None		
	TOTAL	12	216	0	216			

Third Year, First Semester

Course No.	Course Title	Units	Hrs./Wk			Corequi site(s)	Prerequi site(s)	Grade
			Lec	Lab/ Field work	Total			
SDS397	Practice-Based Dissertation	12	216	0	216	None		
	TOTAL	12	216	0	216			

Major Subjects

- Solid Wastes Management System and Engineering
- Water and Wastewater Engineering
- Water Quality Control and Management
- Air Pollution Control and Engineering for Sustainable Environment
- Environmental Modelling and Management

**Cognate courses to be taken from the major courses of other specialization tracks.*

Approved By:

Chairperson/Program Coordinator