

Curriculum (Environmental Studies)

First Year				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Foundation	Eng-1000	3(2,2)	Eng-1001	3(2,2)
	Eng-1001	3(2,2)	Eng-1002	3(2,2)
Core	ESd-1101	4(3,2)	ESd-1103	4(3,2)
	ESd-1102	4(3,2)	ESd-1104	4(3,2)
Elective (two course)	AM-1001	3(2,2)	AM-1002	3(2,2)
	ESd-1001	3(2,2)	ESd-1004	3(2,2)
	ESd-1002	3(2,2)	ESd-1005	3(2,2)
	ESd-1003	3(2,2)	ESd-1006	3(2,2)

Second Year				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Foundation	Eng-2001	3(2,2)	Eng-2002	3(2,2)
Core	ESd-2101	4(3,2)	ESd-2105	4(3,2)
	ESd-2102	4(3,2)	ESd-2106	4(3,2)
	ESd-2103	4(3,2)	ESd-2107	4(3,2)
Elective (two course)	ESd-2104	3(2,2)	ESd-2108	3(2,2)
	ESd-2001	3(2,2)	ESd-2005	3(2,2)
	ESd-2002	3(2,2)	ESd-2006	3(2,2)
	ESd-2003	3(2,2)	ESd-2007	3(2,2)
	ESd-2004	3(2,2)	ESd-2008	3(2,2)

Third Year				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Foundation	Eng-3001	3(2,2)	Eng-3002	3(2,2)
Core	ESd-3101	4(3,2)	ESd-3105	4(3,2)
	ESd-3102	4(3,2)	ESd-3106	4(3,2)
	ESd-3103	4(3,2)	ESd-3107	4(3,2)
	ESd-3104	4(3,2)	ESd-3108	4(3,2)
Elective (one course)	ESd-3001	3(2,2)	ESd-3003	3(2,2)
	ESd-3002	3(2,2)	ESd-3004	3(2,2)

Fourth Year				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Core	ESd-4101	4(3,2)	ESd-4105	4(3,2)
	ESd-4102	4(3,2)	ESd-4106	4(3,2)
	ESd-4103	8(5,6)	ESd-4107	8(5,6)
	ESd-4104	8(5,6)	ESd-4108	8(5,6)

First Year Honours				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Foundation	Eng-3001	3(2,2)	Eng-3002	3(2,2)
Core	ESd-3201	4(3,2)	ESd-3205	4(3,2)
	ESd-3202	4(3,2)	ESd-3206	4(3,2)
	ESd-3203	4(3,2)	ESd-3207	4(3,2)
	ESd-3204	4(3,2)	ESd-3208	4(3,2)
Elective (one course)	ESd-3001	3(2,2)	ESd-3003	3(2,2)
	ESd-3002	3(2,2)	ESd-3004	3(2,2)

Second Year Honours				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Core	ESd-4201	4(3,2)	ESd-4205	4(3,2)
	ESd-4202	4(3,2)	ESd-4206	4(3,2)
	ESd-4203	8(5,6)	ESd-4207	8(5,6)
	ESd-4204	8(5,6)	ESd-4208	8(5,6)

Third Year Honours				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Core	ESd-5201	4(3,2)	ESd-5207	4(3,2)
	ESd-5202	4(3,2)	ESd-5208	4(3,2)
	ESd-5203	4(3,2)	ESd-5209	4(3,2)
	ESd-5204	4(3,2)	ESd-5210	4(3,2)
	ESd-5205	4(3,2)	ESd-5211	4(3,2)
	ESd-5206	4(3,2)	ESd-5212	4(3,2)

Qualifying				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Core	ESd-5201	4(3,2)	ESd-5207	4(3,2)
	ESd-5202	4(3,2)	ESd-5208	4(3,2)
	ESd-5203	4(3,2)	ESd-5209	4(3,2)
	ESd-5204	4(3,2)	ESd-5210	4(3,2)
	ESd-5205	4(3,2)	ESd-5211	4(3,2)
	ESd-5206	4(3,2)	ESd-5212	4(3,2)

First Year Master				
Course	Semester I		Semester II	
	Module No.	CP (L, T/P)	Module No.	CP (L, T/P)
Core	ESd-6101	4(3,2)	ESd-6105	4(3,2)
	ESd-6102	4(3,2)	ESd-6106	4(3,2)
	ESd-6103	4(3,2)	ESd-6107	4(3,2)
	ESd-6104	4(3,2)	ESd-6108	4(3,2)

Module Name

First Year - Environmental Studies (Semester-I / Semester-II)

မ ၁၀၀၁ / မ ၁၀၀၂ မြန်မာစာ

Eng-1001/ 1002	English
ESd-1101 / 1103	Environmental Geography (Physical) Environmental Geography (Human)
ESd-1102 / 1104	Ecosystems I / II
AM-1001/ 1002	Aspects of Myanmar (Compulsory course)
Esd-1001 / 1004	Fundamentals of Environmental Chemistry I / II
Esd-1002 / 1005	Fundamentals of Environmental Physics I / II
Esd-1003 / 1006	Fundamentals of Environmental Geology I / II

Second Year - Environmental Studies (Semester-I / Semester-II)

Eng-2001 / 2002	English
ESd-2101/ 2105	Concept of Sustainability / Environmental Sustainability
ESd-2102 / 2106	Environmental Economics I / II
ESd-2103 / 2107	Energy and Resources I / II
ESd-2104 / 2108	Geospatial Technology I / II
ESd-2001/ 2005	Food Security / Environmental Law
ESd-2002 / 2006	Water Chemistry / Soil Chemistry
ESd-2003 / 2007	Thermal Physics I / II
ESd-2004 / 2008	Environmental Psychology I / II

Third Year - Environmental Studies (Semester-I / Semester-II)

Eng-3001/ 3002	English
ESd-3101/ 3105	Pollution and Prevention I / II
ESd-3102 / 3106	Resilience: Concept and Practice I / II
ESd-3103 / 3107	Introduction to Research Methods: Quantitative Introduction to Research Methods: Qualitative
ESd-3104 / 3108	Environmental Ethics / Environmental Policy and Law
ESd-3001 / 3003	Anthropogenic Geomorphology / Biodiversity
ESd-3002 / 3004	Marine and Coastal Environment / Rivers and Hydrology

Fourth Year - Environmental Studies (Semester-I / Semester-II)

ESd-4101/ 4105	Environmental Management and Conservation I / II
ESd-4102/ 4106	Climate Change: Disaster Risk Reduction and Vulnerability Regional Analysis with Field Training
ESd-4103 / 4107	Research Project in Environmental Studies I / III
ESd-4104 / 4108	Research Project in Environmental Studies II / IV

First Year (Honours)- Environmental Studies (Semester-I / Semester-II)

Eng-3001/ 3002	English
ESd-3201/ 3205	Pollution and Prevention I / II
ESd-3202 / 3206	Resilience: Concept and Practice I / II
ESd-3203 / 3207	Introduction to Research Methods: Quantitative Introduction to Research Methods: Qualitative
ESd-3204 / 3208	Environmental Ethics / Environmental Policy and Law
ESd-3001 / 3003	Anthropogenic Geomorphology / Biodiversity
ESd-3002 / 3004	Marine and Coastal Environment / Rivers and Hydrology

Second Year (Honours)- Environmental Studies (Semester-I / Semester-II)

ESd-4201/ 4205	Environmental Management and Conservation I / II
ESd-4202/ 4206	Climate Change: Disaster Risk Reduction and Vulnerability Regional Analysis with Field Training
ESd-4203 / 4207	Research Project in Environmental Studies I / III
ESd-4204 / 4208	Research Project in Environmental Studies II / IV

Third Year (Honours)- Environmental Studies (Semester-I / Semester-II)

ESd-5201/ 5207	Global Climate Change / Global Environmental Issues
ESd-5202 / 5208	Environment and Health I / II
ESd-5203 / 5209	Human and Geo-Environment I / II
ESd-5204 / 5210	Environmental Impact Assessment I / II
ESd-5205 / 5211	Environmental Heritage I / II
ESd-5206 / 5212	Research Methodology in Environmental Studies I / II

M.ES (Qualifying) - Environmental Studies (Semester-I / Semester-II)

ESd-5201/ 5207	Global Climate Change / Global Environmental Issues
ESd-5202 / 5208	Environment and Health I / II
ESd-5203 / 5209	Human and Geo-Environment I / II
ESd-5204 / 5210	Environmental Impact Assessment I / II
ESd-5205 / 5211	Environmental Heritage I / II
ESd-5206 / 5212	Research Methodology in Environmental Studies I / II

M.ES (First Year) - Environmental Studies (Semester-I / Semester-II)

ESd-6101/ 6105	Environment and Society / Resource and Environmental Management
ESd-6102 / 6106	Urban Environments and Sustainability / Rural Environments and Sustainability
ESd-6103 / 6107	Environmental Risk Analysis I / II

ESd-6104 / 6108

Fieldwork and Research Methods in Environmental
Studies I / II