

**CURRICULUM**

**UNDER CHOICE BASED CREDIT SYSTEM**

**(w.e.f session 2021-2022)**

**MASTER OF**

**SCIENCE**

**(M.SC)**

**PROGRAMME**

**IN**

**Environmental Science**

**(For SEM I, SEM II, SEM III & SEM IV)**

**SIDHO-KANHO-BIRSHA UNIVERSITY**  
**PURULIA, WEST BENGAL**

# SIDHO-KANHO-BIRSHA UNIVERSITY

## Curriculum

### MASTER OF SCIENCE (M.Sc) PROGRAMME IN

#### ENVIRONMENTAL SCIENCE

(w.e.f academic session: 2021-2022)

	Course Code	Course Title	Credit	Marks
<b>SEM I</b>	MENVCCT101	Fundamentals of Environment	4	40+10
	MENVCCT102	Physical Environment	4	40+10
	MENVCCT103	Environmental Biology	4	40+10
	MENVCCT104	Environmental Microbiology	4	40+10
	MENVCCS105	Practical on Physical Environment	4	50
	MENVCCS106	Practical on Environmental Biology	4	50
<b>SEM II</b>	MENVCCT201	Ecotoxicology & Physiological Processes	4	40+10
	MENVCCT202	Environmental Geoscience	4	40+10
	MENVCCT203	Energy Resource & Environmental Statistics	4	40+10
	MENVCCT204	Environmental Pollution & Degradation	4	40+10
	MENVCCS205	Practical on Environmental Problems	4	50
	MENVCCS206	Practical on Ecotoxicological Measurements	4	50
<b>SEM III</b>	MENVCCT301	BIODIVERSITY CONSERVATION AND SUSTAINABLE DEVELOPMENT	4	40+10
	MENVCCT302	EMERGING ENVIRONMENTAL PROBLEMS, HEALTH HAZARDS & GENETIC ENGINEERING	4	40+10
	MENVCCT303	REMOTE SENSING & GIS	4	40+10
	MENVOET304	OPEN ELECTIVE	4	50
	MENVCCS305 (ANY ONE)	MENVCCS305-1 (DE) PRACTICAL on RS & GIS, EIA & DISEASES	4	50
		MENVCCS305-2 (DE) ECOLOGICAL MODELLING AND GIS FOR ENVIRONMENTAL APPLICATIONS	4	50
MENVCCS305-3 (DE) ECOTOXICOLOGY & INDUSTRIAL		4	50	

		MICROBIOLOGY		
	MENVCOP306	COMMUNITY ENGAGEMENT ACTIVITIES	4	50
<b>SEM IV</b>				
<b>SEM IV</b>	MENVCT401	ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL LAWS	4	40+10
	MENVCT402	ENVIRONMENTAL TOXICOLOGY & BIOTECHNOLOGY	4	40+10
	MENVMET403 (ANY ONE)	MENVMET403-1 ENVIRONMENTAL ISSUES, ECONOMICS & ENVIRONMENTAL MANAGEMENT	4	40+10
		MENVMET403-2 ENVIRONMENTAL ENGINEERING AND SCIENCE	4	40+10
	MENVCCS404 (ANY ONE)	MENVCCS404-1 PRACTICAL ON TOXICOLOGICAL TESTING	4	50
		MENVCCS404-1 PRACTICAL ON SPATIAL DATA ANALYSES AND ECOLOGICAL MODELLING	4	50
	MENVACT405	ADD-ON COURSE	4	50
	MENVMEP406	Project /Dissertation/Internship	4	50

