



Matrix of courses with ELOs

Code	Course	CONTRIBUTION LEVEL TO EXPECTED LEARNING OUTCOME											
		ELO1	ELO2	ELO3	ELO4	ELO5	ELO6	ELO7	ELO8	ELO9	ELO10	ELO11	ELO12
	Semester I												
MT01001	General Chemistry	I	I	I			I					I	
MT02043	General Meteorology	I	I	I				I		I		I	
ML01020	Philosophy of Marxism and Leninism	I					I					I	I
ML01009	Introduction to laws	I			I			I				I	I
MT01016	Basic Ecology	I	I	I				I		I		I	
TH01009	General Informatics	I									I	I	
TH01007	Probability and Statistics	I	I	I						I		I	
	Semester II												
MT02005	Basic of production processes		I	I				I	I			I	
MT01002	Organic Chemistry	I	I	I				I				I	I
KT02002	Macroeconomics 1	I					I					I	
ML01021	LeninisPolitical economy of Marxism and Leninism	I					I					I	I
MT02001	Environmental Pollution	I	I	I				I				I	
SH01001	General Biology	I	I	I			I					I	

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QL02047	Pedology	I	I	I			I					I	
TH01018	Physics	I	I			I						I	
MT02033	Basic Microbiology	I		I			I	I	I		I	I	
	Semester III												
QL02006	Environmental Geology	I	I	I			I					I	
MT01003	Colloid and Surface Chemistry	I	I	I			I			I		I	
MT01004	Analytical Chemistry	P	P				P	P			P	P	
ML02012	Environmental Law	P		P			P	P				P	P
QL01014	Water Resources Management		I	I	I			I				I	
MT02007	Forest resources			I	I			I					I
MT02049	Practice of specialized microbiology	I	I		I	I		I			I	I	
SN01032	English 1								I			I	
ML01022	Scientific Socialism	I					I					I	I
CD02157	Technical Drawing on Computer	I									I	I	
	Semester IV												
QL03047	Biological Indicators for Environment		I	I			I					I	
MT03001	Environmental technology	P				P	P	P				P	
MT02012	Landscape geography	P		P			P					P	

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ML01005	Ho Chi Minh ideology	I					I					I	I
MT02017	GIS For Environmental Studies	P	P	P				P		P	P	P	
MT02003	Environmental Chemistry	P	P	P			P	P				P	
MT03062	Environmental audits	P	P	P	P		P		P	P	P	P	P
MT03008	Environmental monitoring		P	P	P		P	P	P	P		P	P
MT01010	Agroecology			I			I					I	I
QL03075	Environmental Hydraulics	I				I				P		I	
SN01033	English 2								P			I	
	Semester V												
MT03058	Environmental Biotechnology		P	P	P	P	P	P	P			P	
MT02006	Environmental Information System		I		I						I	I	
MT01011	Biodiversity	P	P	P	P					P		P	
MT03004	Environmental impact assessment		R	R	R		R			R	R		R
MT02004	Instrumental Analysis	P	R							R	R	R	
MT03007	Environmental research methods			P			P	P		P	P	P	
ML01023	Vietnamese Communist Party History	I					I					I	I
MT02011	Environmental management		R	R	R		R	R		R	R	R	R
MT01009	Human ecology			P	P		P	P		P		P	

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MT03002	Environmental technology: practice		P			P	P	P			P	P	
MT03072	Environmental awareness: Internship 1							P	P	P		P	P
SN03053	English for Environmental science								P			P	
	Semester VI												
MT03022	Climate change		P	P	P			P			P	P	
MT03005	Environmental toxicology	P	P	P						P		P	
MT02015	Environmental education and communications	R			R		R	R	R		R	R	R
MT03013	Air Pollutant and Solid Waste Treatment Engineering		R		R	R	R			R		R	
MT03003	Waste water treatment technology		R		R	R	R			R		R	
MT03061	Modelling for environmental management ^v		R	R	R		R			R	R	R	
MT03076	Environmental Administrative Management			R	R			R				R	R
MT03010	Cleaner production		R		R		R	R			R	R	
MT02032	Soil Biology	P	P	P				P				P	
MT03011	Environmental impact assessment: practice							R	R		R	R	
MT03063	Waste audits: practice						R	R		R	R	R	R

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MT03009	Environmental monitoring: practice							R	R	R	R	R	R
	Semester VII												
MT03060	Microbial technology in Agricultural production		P	P	P	P	P	P	P			P	
MT03012	Waste treatment project				M	M	M	M	M	M	M	M	
KT03008	Environmental Economics			P	P		P					P	
MT03077	Spatial analysis For Environmental Studies			R			R				R	R	
MT02002	Hazardous waste management			P		R		R	P			R	
MT03051	Community-based natural resource management			P	P		P	P		M		P	
MT03065	Environmental protection planning			M	M		P	M				M	
MT03057	Environmental Biotechnology: practice					R	R	R		R	R	R	R
MT03014	Waste treatment engineering: Practice					P		M		M	M	M	
MT02046	Environmental management: practice				M		M	M		M		M	M
MT03073	Intership 2	M	M	M		P		M	M	M	M	M	M
MT03064	Environmental Administrative Management: Practice				M			M		M			M

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	Semester VIII												
MT04999	Graduation thesis	M	M	M	M	M	M		M	M	M	M	M