

**FACULTY OF EDUCATION
COURSE OFFERINGS
FIRST SEMESTER AY 2024-2025**

as of 5 August 2024

Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite	
Diploma in Mathematics Teaching (DMT)	New/Continuing regular students (on-time, enrolled in 6 units per semester) and continuing irregular students (not on time, did not follow the prescribed subjects/units to take)	EDMT 205	Geometry for Teachers	3		
		EDMT 207	Number Theory and Algebra for Teachers	3		
Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite	
Diploma in Science Teaching (DST)	New students	EDSCI 201	Foundations of Science Education	3		
	Continuing students	EDSCI 202	Approaches to Science Teaching	3		
	New Biology Major students	EDSCI 211	Principles of Biology	3		
	Continuing Biology Major students	EDSCI 212	Anatomy and Physiology	3	EDSCI 211	
		EDSCI 213	Principles of Ecology	3	EDSCI 211	
		EDSCI 219	Models and Experiments in Biology	3	EDSCI 211, EDSCI 213, and EDSCI 214	
	Continuing Chemistry Major students	EDSCI 222	Fundamental Concepts of Chemistry II	3	EDSCI 221	
		EDSCI 224	Chemistry and the Environment	3	EDSCI 221	
		EDSCI 229	Models and Experiments in Chemistry	3	EDSCI 221, EDSCI 222, and EDSCI 223 Corequisite: EDSCI 224	
	Continuing Physics Major students	EDSCI 232	Fundamental Physics II	3	EDSCI 231	
		EDSCI 234	Introductory Applied Physics	3		
EDSCI 239		Models and Experiments in Physics	3	EDSCI 231, EDSCI 232, and EDSCI 233 Corequisite: EDSCI 234		
Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite	
Diploma in Social Studies Education (DSSE)	Newly admitted and Continuing students (admitted in Sem 1 AY 2024-2025 or earlier)	SSE 201	Foundations of Social Studies	3		
		SSE 202	The Study of History and Geography	3		
		SSE 203	The Study of Culture and Society	3		
	Continuing students (admitted Sem 2 AY 2023-2024 or earlier)	SSE 205	Instructional Planning and Procedures in Social Studies	3		
		Elective: Choose one (1) from the following:				
		ASEAN 201	ASEAN Studies I	3		
		ENRM 221	Socio-Cultural Perspectives on the Environment	3		
		Note from the Program Chair: Irregular students should consult sse@upou.edu.ph				
Master of Arts in Social Studies Education (MASSE)	New and Continuing Students	WD 201	History and Perspectives of Gender and Development	3		
	Continuing students	SSE 298	Special Problem in Social Studies Education (Non-Thesis Option)	4	Must have completed 12 units of electives in all (inclusive of DSSE electives) and passed the Comprehensive Examination	
		SSE 300	Thesis	6	All core courses and electives	

Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite	
Diploma in Language and Literacy Education (DLLE)	New students	LLE 201	Language Acquisition Theories and Principles	3		
		LLE 202	Foundations of Reading and Literacy	3		
	Continuing students	LLE 203	Trends in Reading and Literacy Instruction	3	LLE 202	
		LLE 204	Second Language Teaching	3	LLE 201	
		LLE 205	Development of Language and Literacy Programs	3	LLE 203 and LLE 204	
		LLE 206	Development of Instructional Materials in Language and Literacy Education	3	LLE 203 and LLE 204	
Master of Arts in Language and Literacy Education (MALLE)	Continuing students	EDR 221	Literature-Based Reading Programs	3		
	For students who have completed and passed all the courses in the program	LLE 300	Thesis	6	All courses in the program; Program Chair's explicit approval > lle@upou.edu.ph	
Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite	
Doctor of Philosophy in Education (PhD in Educ.)	<u>Major in Biology Education</u> New/Continuing students who have less than 12 units of coursework earned	BIO 210	Systematic Biology	3		
		EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	3		
	<u>Major in Biology Education</u> Continuing students who have earned at least 12 units of coursework	Choose at most two (2) from the following (prioritize BIO 210 and EDSC 311 if applicable):				
		BIO 210	Systematic Biology	3		
		EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	3		
	<u>Major in Chemistry Education</u> New/Continuing students who have less than 12 units of coursework earned	CHEM 230	Physical Organic Chemistry	3		
		EDSC 360	Advanced Topics in Chemistry for Teachers	3		
	<u>Major in Chemistry Education</u> Continuing students who have earned at least 12 units of coursework	Choose at most two (2) from the following (prioritize CHEM 230 and EDSC 360 if applicable):				
		CHEM 230	Physical Organic Chemistry	3		
		EDSC 360	Advanced Topics in Chemistry for Teachers	3		
	<u>Major in Mathematics Education</u> New/Continuing students who have less than 12 units of coursework earned	PHYS 211	Mathematical Methods of Physics I	3		
		EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	3		
	<u>Major in Mathematics Education</u> Continuing students who have earned at least 12 units of coursework	Choose at most two (2) from the following (prioritize PHYS 211 and EDSC 311 if applicable):				
		PHYS 211	Mathematical Methods of Physics II	3		
		EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	3		
	<u>Major in Physics Education</u> New/Continuing students who have less than 12 units of coursework earned	PHYS 212	Mathematical Methods of Physics II	3		
		EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	3		
	<u>Major in Physics Education</u> Continuing students who have earned at least 12 units of coursework	Choose at most two (2) from the following (prioritize PHYS 212 and EDSC 311 if applicable):				
		PHYS 212	Mathematical Methods of Physics II	3		
		EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	3		
	All continuing students who earned 45/46 coursework units and passed the comprehensive exam		EDUC 400	Dissertation	12	