

**FACULTY OF EDUCATION  
COURSE OFFERINGS  
SECOND SEMESTER AY 2023-2024**

*as of 04 January 2024*

Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite
Diploma in Mathematics Teaching (DMT)	For new and continuing DMT students	EDMT 201	Mathematics Education	3	None
		EDMT 208	Mathematics, Technology, and Society	3	None
Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite
Diploma in Science Teaching (DST)	For new and continuing students	EDSCI 201	Foundations of Science Education	3	None
	For continuing students	EDSCI 203	Assessment in Science Education	3	None
	For new and continuing Biology major students	EDSCI 211	Principles of Biology	3	None
	For continuing Biology major students	EDSCI 213	Principles of Ecology	3	EDSCI 211
		EDSCI 214	Genetics and Evolution	3	EDSCI 211
	For new Chemistry major students	EDSCI 221	Fundamental Concepts of Chemistry I	3	None
	For continuing Chemistry major students	EDSCI 223	Organic and Biological Chemistry	3	EDSCI 221
	For new and continuing Physics major students	EDSCI 231	Fundamental Physics I	3	None
		EDSCI 233	Fundamental Physics III	3	EDSCI 232
Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite
Diploma in Social Studies Education (DSSE)	For continuing DSSE students (admitted in Sem 1 AY 2023-2024)	SSE 201	Foundations of Social Studies	3	None
		SSE 204	The Study of Political and Economic Systems	3	None
	For continuing DSSE students (admitted in Sem 2 AY 2022-2023 or earlier)	SSE 206	Assessment Methods and Materials Development in Social Studies	3	None
		Choose only <b>one (1)</b> from the following:			
		ENRM 221	Socio-cultural Perspectives on the Environment	3	
		ASEAN 206	Comparative Study of the Geography and Natural Resources of ASEAN Countries	3	
Master of Arts in Social Studies Education (MASSE)	For new and continuing MASSE students	SDS 230	Historical Perspectives on Development	3	
		ASEAN 202	ASEAN Studies II	3	
		SSE 290	Research in Social Studies Education	3	
	For continuing MASSE students	SSE 298	<a href="#">Special Problem (Non-Thesis Track)</a>	4	All core courses, electives and must pass the comprehensive exam <b>Note:</b> Subject to the Program Chair's advice (email sse@upou.edu.ph)
		SSE 300	<a href="#">Thesis</a>	6	All core courses and electives

Program	Batch/General Advice	Course No.	Course Title	Units	Prerequisite
Diploma in Language and Literacy Education (DLLE)	For new DLLE students	LLE 201	Language Acquisition Theories and Principles	3	None
		LLE 202	Foundations of Reading and Literacy	3	None
	For continuing DLLE students	LLE 203	Trends in Reading and Literacy Instruction	3	LLE 202
		LLE 204	Second Language Teaching	3	LLE 201
		LLE 207	Assessment in Language and Literacy Education	3	LLE 203 and LLE 204
Master of Arts in Language and Literacy Education (MALLE)	For new and continuing MALLE students	LLE 290	Research in Language and Literacy	3	LLE 201 to 207
	For continuing MALLE students	LLE 280	Practicum in Language and Literacy Education	3	LLE 201 to 207
	For MALLE 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 (PhD) in Education	<b>Major in Biology Education</b> Continuing students (admitted in the 1st Sem. AY2021-2022)	EDSC 341	Research Seminar in Science Education	3	None
	<b>Major in Biology Education</b> Continuing students (admitted in the 2nd Sem. AY2021-2022)	EDSC 341	Research Seminar in Science Education	3	None
		EDFD 317	Selected Topics in Educational Psychology	3	None
	<b>Major in Biology Education</b> Continuing students (admitted in the 1st and 2nd Sem. AY2022-2023, and 1st Sem. AY2023-2024) and <b>New students</b> (admitted in 2nd Sem. AY2023-2024)	EDSC 305	Seminar: Issues and Trends in Science and Technology Education	3	None
		BIO 237	Differentiation in Embryonic Systems	3	None
	<b>Major in Chemistry Education</b> Continuing students (Admitted in the 2nd Sem. AY2021-2022)	EDFD 317	Selected Topics in Educational Psychology	3	None
		EDSC 341	Research Seminar in Science Education	3	None
	<b>Major in Chemistry Education</b> Continuing students (admitted in the 1st and 2nd sem. AY2022-2023, and 1st Sem. AY2023-2024) and <b>New students</b> (admitted in 2nd sem. AY2023-2024)	EDSC 305	Seminar: Issues and Trends in Science and Technology Education	3	None
		CHEM 250	Chemical Thermodynamics	3	None
	<b>Major in Mathematics Education</b> Continuing students (admitted in the 1st Sem. AY2021-2022)	EDSC 341	Research Seminar in Science Education	3	None
	<b>Major in Mathematics Education</b> Continuing students (admitted in the 2nd Sem. AY2021-2022)	EDSC 341	Research Seminar in Science Education	3	None
		EDFD 317	Selected Topics in Educational Psychology	3	None
	<b>Major in Mathematics Education</b> Continuing students (admitted in the 1st and 2nd Sem. AY2022-2023)	EDFD 317	Selected Topics in Educational Psychology	3	None
		MATH 231	Foundations of Mathematics	3	None
	<b>Major in Mathematics Education</b> Continuing students (admitted in the 1st Sem. AY2023-2024) and <b>New students</b> (admitted in the 2nd Sem. AY2023-2024)	EDSC 305	Seminar: Issues and Trends in Science and Technology Education	3	None
		MATH 231	Foundations of Mathematics	3	None
	<b>Major in Physics Education</b> Continuing students (admitted in 1st Sem. AY2021-2022)	EDSC 341	Research Seminar in Science Education	3	None
	<b>Major in Physics Education</b> Continuing students (admitted in 2nd sem. AY2021-2022, 1st and 2nd sem. AY2022-2023 and 1st sem. AY2023-2024)	EDFD 317	Selected Topics in Educational Psychology	3	None
		PHYS 204.5	Foundations of Quantum Mechanics	3	None

Doctor of Philosophy (PhD) in Education	<b><u>Major in Physics Education</u></b> New students (admitted in 2nd Sem. AY2023-2024)	<b>EDSC 305</b>	Seminar: Issues and Trends in Science and Technology Education	3	None
		<b>PHYS 204.5</b>	Foundations of Quantum Mechanics	3	None
	<b>Continuing</b> students who earned 45/46 coursework units and passed the comprehensive exam	<b>EDUC 400</b>	Dissertation	12	