

MSU-ILIGAN INSTITUTE OF TECHNOLOGY
 COLLEGE OF EDUCATION
Department of Science and Mathematics Education

BACHELOR OF ELEMENTARY EDUCATION MAJOR IN SCIENCE AND MATH

LIST OF COURSES BY SEMESTER

BOR Resolution No. 74, Series of 2017

1st Year, 1st Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
GEC101	Understanding the Self	3	3	0	3	None	None
GEC102	Purposive Communication	3	3	0	3	None	None
GEC105	Readings in Philippine History	3	3	0	3	None	None
FPE101	Fundamentals of Peace Education	3	3	0	3	None	None
CPE100	The Child and Adolescent Learners and Learning Principles	3	3	0	3	None	None
CPE101	The Teaching Profession	3	3	0	3	None	None
SED100	Biology for Elementary Teachers	2	2	0	2	None	SED100.1
SED100.1	Biology for Elementary Teachers Laboratory	1	0	3	3	None	SED100
PED001	Exercise Prescription and Management	2	2	0	2	None	None
NST001	National Service Training Program 1	(3)	3	0	3	None	None
	Total	23 (26)	25	3	28		

1st Year, 2nd Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
GEC103	The Contemporary World	3	3	0	3	None	None
GEC104	Mathematics in the Modern World	3	3	0	3	None	None
GEC106	Art Appreciation	3	3	0	3	None	None
GEC107	Ethics	3	3	0	3	None	None
CPE102	The Teacher and the Community, School Culture and Organizational Leadership	3	3	0	3	CPE101	None
EED115	Good Manners and Right Conduct	3	3	0	3	None	None
SED101	Chemistry for Elementary Teachers	2	2	0	2	None	SED101.1
SED101.1	Chemistry for Elementary Teachers Laboratory	1	0	3	3	None	SED101
PED002	Dance/Martial Arts	2	2	0	2	PED001	None
NST002	National Service Training Program 2	(3)	3	0	3	NST001	None
	Total	23 (26)	25	3	28		

2nd Year, 1st Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
GEC108	Science, Technology and Society	3	3	0	3	None	None
CPE103	Foundation of Special and Inclusive Education	3	3	0	3	CPE100	None
CPE104	Facilitating Learner-Centered Teaching	3	3	0	3	CPE100	None
CPE105	Assessment in Learning 1	3	3	0	3	CPE100	None
CPE107	Technology for Teaching and Learning 1	2	2	0	2	CPE100	None
CPE107.1	Technology for Teaching and Learning 1 Laboratory	1	0	3	3	CPE100	None
EED101	Teaching English in Elementary 1	3	3	0	3	None	None
EDM100	Algebra and Trigonometry for Elementary Teachers	6	6	0	6	None	None
PED003	Individual/Dual Sports/Traditional/Recreational Games	2	2	0	2	PED001	None
Total		26	25	3	28		

2nd Year, 2nd Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
GEC109	Life and Works of Rizal	3	3	0	3	None	None
FIL101	Wika at Kultura sa Mapayapang Lipunan	3	3	0	3	None	None
CPE106	Assessment in Learning 2	3	3	0	3	CPE105	None
EED103	Teaching Beginning Reading	3	3	0	3	None	None
EED104	Teaching Literacy in the Elementary Grades Through Literature	3	3	0	3	None	None
TLE100	Edukasyong Pantahanan at Pangkabuhayan with Entrepreneurship	3	3	0	3	None	None
SED102	Physics for Elementary Teachers	2	2	0	2	None	SED102.1
SED102.1	Physics for Elementary Teachers Laboratory	1	0	3	3	None	SED102
EDM101	Arithmetic Number Theory and Business Mathematics for Elementary Teachers	3	3	0	3	EDM100	None
PED004	Team Sports	2	2	0	2	PED001	None
Total		26	25	3	28		

3rd Year, 1st Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
FIL102	Ekokritismo at Pagpapahalaga sa Kalikasan	3	3	0	3	None	None
CPE108	The Teacher and the School Curriculum	3	3	0	3	CPE102	None
EED111	Content and Pedagogy for the Mother-Tongue	3	3	0	3	None	None
SED103	Earth and Environmental Science	2	2	0	2	None	SED103.1
SED103.1	Earth and Environmental Science Laboratory	2	0	6	6	None	SED103
SED104	Anatomy, Physiology and Herbal Plants for Teachers	3	3	0	3	SED100	None
SED105	Technology for Teaching and Learning in Science Education	2	2	0	2	CPE107	SED105.1
SED105.1	Technology for Teaching and Learning in Science Education Laboratory	1	0	3	3	CPE107	SED105
EDM102	Geometry for Elementary Teachers	3	3	0	3	EDM101	None
EDM103	Teaching Math in Elementary Grades 1-6	2	2	0	2	EDM101	EDM103.1
EDM103.1	Teaching Math in Elementary Grades 1-6 Laboartory	1	0	3	3	EDM101	EDM103
	Total	25	21	12	33		

3rd Year, 2nd Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
CPE109	Building and Enhancing New Literacies Across the Curriculum	3	3	0	3	CPE102	None
BPE100	Teaching Arts, PE, and Health in the Elementary Level	3	3	0	3	None	None
EED122	Pagtuturo ng Filipino sa Elementarya	3	3	0	3	None	None
EED119	Teaching Social Studies in the Elementary Grades	3	3	0	3	None	None
MUS100	Teaching Music in the Elementary Grades	3	3	0	3	None	None
STC102	Teaching in Multigrade Classes	3	3	0	3	None	None
SED106	Teaching Science in Elementary Grades 1-6	2	2	0	2	SED104	SED106.1
SED106.1	Teaching Science in Elementary Grades 1-6 Laboratory	1	0	3	3	SED104	SED106
CPE198	Research Methods	3	3	0	3	CPE106	None
	Total	24	23	3	26		

4th Year, 1st Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
FIL103	Inobasyon sa Wikang Filipino	3	3	0	3	None	None
HIS003	History of the Filipino Muslims and the Indigenous Peoples of MINSUPALA	3	3	0	3	None	None
ELC101	Field Study 1: Observations of Teaching-Learning in Actual School Environment	3	3	0	3	CPE108	ELC102
ELC102	Field Study 2: Participation and Teaching Assistantship	3	3	0	3	CPE108	ELC101
SED199	Undergraduate Thesis	3	3	0	3	CPE198	None
	Total	15	15	0	15		

4th Year, 2nd Semester

Course #	Course Title	Credit Units	Hours/ Week			Pre-requisite	Co-requisite
			Lec	Lab	Total		
ELC197	Teaching Internship	6	0	40	40	ELC102	None
	Total	6	0	40	40		

Grand Total Units: 168 (174) Units