

	<p style="text-align: center;">L E B A N E S E INTERNATIONAL UNIVERSITY</p>	<p>Major Title: Teacher Education (Physics - Mathematics) Major Code: TEPM Level: underGraduate Number Of Credits: 99 Date: 23-05-2017</p>
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Teacher Education (Physics - Mathematics) (TEPM)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
CULT200	Introduction to Arab - Islamic Civilization	3		
ENGL201	Composition and Research Skills	3	ENGL151	
CSCI200	Introduction to Computers	3	ENGL051	
MATH225	Linear Algebra with Applications	3	MATH160	
PHYS210	Mechanics	3	PHYS160-MATH160-ENGL051	
Total		15		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
EDIT250	Educational Technology for Teachers	3	CSCI200	
CSCI250L	Introduction to Programming Lab	1	ENGL101-CSCI200	CSCI250
EDUC221	Introduction to Educational Psychology	3		ENGL201
CSCI250	Introduction to Programming	3	CSCI200	ENGL101-CSCI250L
MATH260	Discrete Mathematics	3	MATH225	MATH260L
MATH210	Calculus II	3	MATH160	
MATH260L	Discrete Mathematics Lab	1	MATH225	MATH260
Total		17		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
EDUC281	Learning & Developmental Theories	3	EDUC221	
MATH270	Ordinary Differential Equations	3	MATH210	MATH225
MATH220	Calculus III	3	MATH210	
ENGL251	Communication Skills	3	ENGL201	
EDUC328	Introduction to Math and General Sciences Curriculum	3	ENGL251	
PHYS280	Electricity and Magnetism	3	PHYS160-MATH160	
Total		18		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
EDUC423	Teaching Mathematics and General Sciences for Elementary Teachers	3	EDUC328	EDUC405
MATH305	Programming Languages for Scientist	3	MATH260	
EDUC346	Introduction to Classroom Management	3	EDUC281	
MATH310	Probability & Statistics for Scientists & Engineers	3	MATH210-ENGL201	
ARAB200	Arabic Language and Literature	3		
PHYS250	Thermodynamic and Waves	3	ENGL051-MATH160-PHYS160	
Total		18		

Third Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH345	Introduction to Real Analysis	3	MATH270-MATH220	
PHYS340	Modern Physics	3	PHYS250	
	Major Elective	3		
EDUC440	Teaching Practicum I	3		EDUC405
EDUC405	Methods of Teaching & Testing	3	EDUC281	
EDUC380	Statistical Research in Education	3	ENGL251	
Total		18		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
EDUC411	Introduction to the Philosophy of Education	3	ENGL201	
	Major Elective	3		
EDUC490	Teaching Practicum II	3	EDUC440	
	General Education Electives	3		
MATH492	Mathematical Seminar	1		
Total		13		

Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
EDUC305	Educational Theories in Guidance and Counseling	3		
EDUC375	Introduction to Special Education	3	ENGL151	
EDUC421	Teaching Mathematics for Elementary Teachers	3	ENGL051	
EDUC460	Role of Play in Child Development	3	MATH160	