

# Bachelor in Civil Engineering

Universidad de las Américas Puebla  
8 terms - 56 courses - 300 credits (units)



First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth
<b>MAT1012</b> UNIVERSITY MATH [6]	<b>MAT1022</b> CALCULUS I [6] ← MAT1012	<b>MAT2012</b> CALCULUS II [6] ← MAT1022	<b>MAT2052</b> ORDINARY DIFFERENTIAL EQUATIONS [6] ← MAT1022	<b>LIC3012</b> GENERAL HYDRAULICS [6]	<b>LIC3072</b> DRINKING WATER AND SEWAGE SYSTEMS [6] ← LIC3012	<b>LIC4012</b> WATER QUALITY PROCESSES [6] ← QUI1012	<b>LIC4072</b> ANALYSIS AND DESIGN OF WATER RESOURCE EXPLOITATION [6] ← LIC3082
<b>QUI1012</b> GENERAL CHEMISTRY [6]	<b>MAT1032</b> LINEAR ALGEBRA [6] ← MAT1012	<b>LIC2012</b> INTRODUCTION TO STRUCTURAL ENGINEERING [6] ← MAT1032	<b>LIC2032</b> ISOSTATIC STRUCTURES [6] ← LIC2012	<b>LIC3022</b> GENERAL HYDRAULICS LAB [2] ← MAT2012	<b>LIC3082</b> HYDROLOGY [6] ← LIC3012	<b>LIC4022</b> WATER QUALITY PROCESSES LAB [2] ← QUI1022	<b>LIC4082</b> COMPUTER STRUCTURAL ANALYSIS AND DESIGN [6]
<b>QUI1022</b> GENERAL CHEMISTRY LAB [3]	<b>FIS1012</b> GENERAL PHYSICS I [6]	<b>LAR2012</b> CONSTRUCTION MATERIALS AND PROCEDURES [6]	<b>LIC2042</b> BEHAVIOR OF MATERIALS [6] ← LIC2012	<b>LIC3032</b> MATRIX ANALYSIS OF STRUCTURES [6] ← LIC2012	<b>LIC3092</b> STRUCTURAL DESIGN [6]	<b>LIC4032</b> SEISMIC ANALYSIS AND DESIGN [6]	<b>LIC4092</b> SELECT TOPICS 3 [6]
<b>LIC1012</b> CIVIL ENGINEERING APPLIED DRAWING LAB [3]	<b>FIS1022</b> GENERAL PHYSICS LAB I [3]	<b>LIC2022</b> CONSTRUCTION MATERIALS LAB [2]	<b>LIC2052</b> STRUCTURES LAB [2]	<b>LIC3042</b> BASIC INSTALLATIONS [6] ← LAR2012	<b>LIC3102</b> SELECT TOPICS 1 [6]	<b>LIC4042</b> SELECT TOPICS 2 [6]	<b>LIC4102</b> PAVEMENT DESIGN AND CONSERVATION [6] ← LIC4052
	<b>LIC1022</b> TOPOGRAPHY [6]		<b>MAT2082</b> PROBABILITY AND STATISTICS [6] ← MAT1022	<b>LIC3052</b> SOIL MECHANICS I [6] ← LIC1022	<b>LAR3072</b> CONSTRUCTION COSTS [6] ← LIC3042	<b>LAR4062</b> CONSTRUCTION MANAGEMENT [6] ← LAR3072	<b>LIC4112</b> PAVEMENT LAB [2] ← LIC4052
<b>GENERAL STUDIES ELECTIVE IN MATH</b> [6]	<b>LIC1032</b> TOPOGRAPHY LAB [3] ← LIC1012	<b>GENERAL STUDIES ELECTIVE IN ARTS</b> [6]		<b>LIC3062</b> PROFESSIONAL PRACTICES 1 [6] ← LIC3052	<b>LIC3112</b> SOIL MECHANICS II [6] ← LIC3052	<b>LIC4062</b> PROFESSIONAL PRACTICES 2 [6]	<b>LIC4122</b> FOUNDATIONS [6] ← LIC3112
<b>INFO012</b> INFORMATION TECHNOLOGIES IN THE CONSTRUCTION OF KNOWLEDGE [6]	<b>ESP0012</b> ACADEMIC REASONING [6] ← INFO012	<b>ESP0022</b> ACADEMIC WRITING [6] ← ESP0012	<b>GENERAL STUDIES ELECTIVE IN HUMANITIES</b> [6]		<b>LIC3122</b> SOIL MECHANICS LAB [2] ← LIC3052	<b>LIC4052</b> GEOMETRIC HIGHWAY DESIGN [6] ← LIC1022	
<b>LEX0112</b> FOREIGN LANGUAGE I [6]	<b>LEX0122</b> FOREIGN LANGUAGE II [6] ← LEX0112	<b>LEX0132</b> FOREIGN LANGUAGE III [6] ← LEX0122	<b>GENERAL STUDIES ELECTIVE IN BEHAVIORAL SCIENCES</b> [6]	<b>GENERAL STUDIES ELECTIVE IN NATURAL SCIENCES</b> [6]			

# Bachelor in Civil Engineering



- Basic Science
- Geotechnical and Highway Engineering
- Structural Engineering
- Construction
- Hydraulics & Water Resources Management
- General Education (GenEd)