

Bachelor in Chemical Engineering

Universidad de las Américas Puebla
8 terms - 57 courses - 300 credits (units)

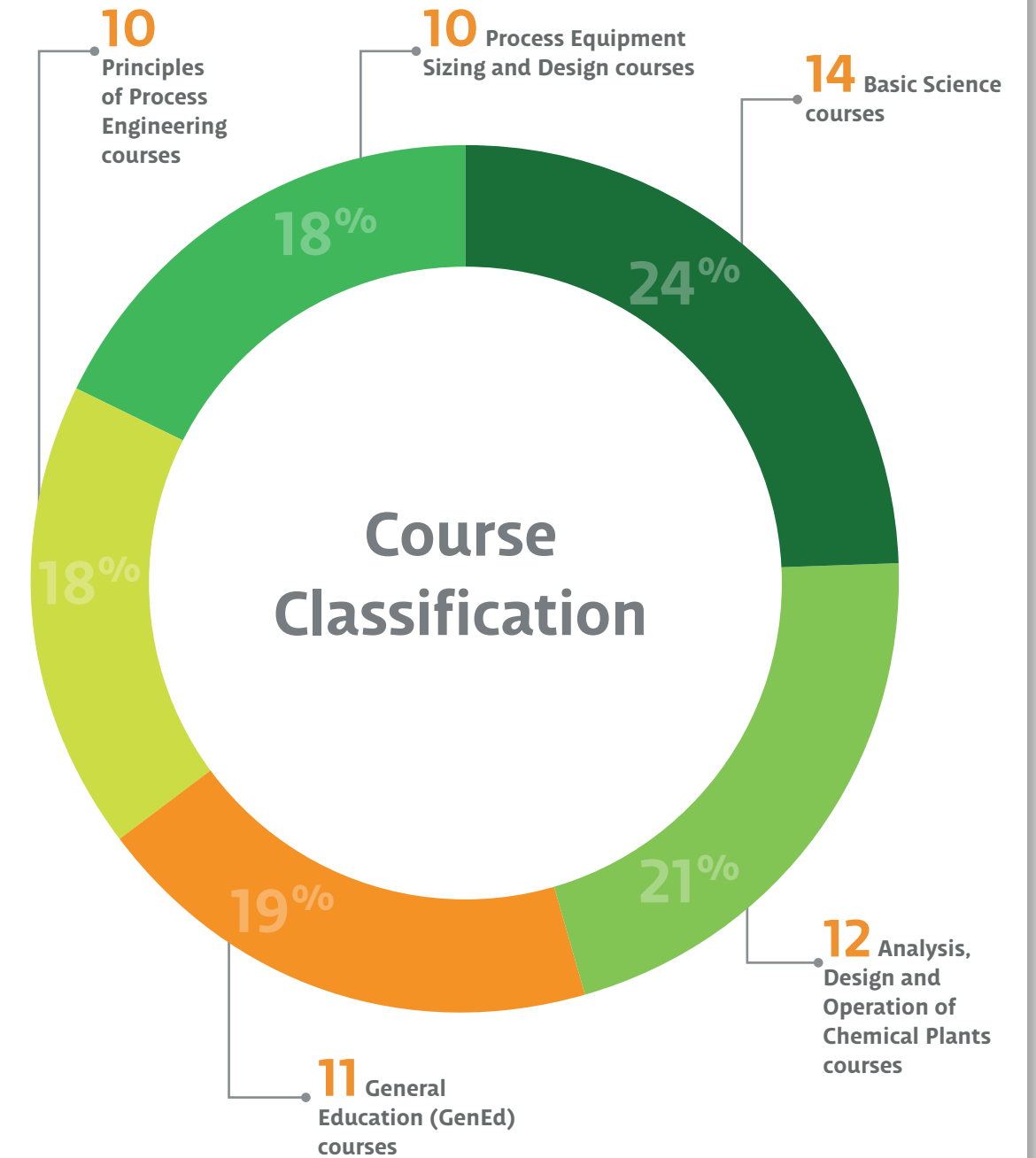


First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth
LQI1012 MATERIAL BALANCE [6]	MAT1032 LINEAR ALGEBRA [6] ← MAT1012	QUI2042 CHEMICAL THERMODYNAMICS [6] ← QUI1012	MAT2082 PROBABILITY AND STATISTICS [6] ← MAT1022	LQI3012 TRANSPORTATION PROCESSES I [6] ← QUI2042	LQI3072 TRANSPORTATION PROCESSES II [6] ← LQI3012	LQI4012 UNIT OPERATIONS OF MASS TRANSFER [6]	LQI4072 PROCESS INSTRUMENTATION [6] ← LQI4052
MAT1012 UNIVERSITY MATH [6]	FIS1012 GENERAL PHYSICS I [6]	QUI2052 CHEMICAL THERMODYNAMICS LAB [3] ← QUI1022	MAT2052 ORDINARY DIFFERENTIAL EQUATIONS [6] ← MAT1022	LQI3022 PROFESSIONAL PRACTICES 1 [6]	LQI3082 UNIT OPERATIONS OF FLUID FLOWS [6]	LQI4022 PROFESSIONAL PRACTICES 2 [6]	LQI4082 DESIGN OF CHEMICAL PLANTS [6]
QUI1012 GENERAL CHEMISTRY [6]	FIS1022 GENERAL PHYSICS LAB I [3]	QUI2092 ANALYTICAL CHEMISTRY [6] ← QUI1032	LQI2012 THERMAL MACHINES [6] ← QUI2042	LIN3022 SAFETY IN CHEMICAL PROCESSES [6] ← QUI2042	LQI3092 SELECT TOPICS 1 [6]	LQI4032 SELECT TOPICS 2 [6]	LQI4092 SELECT TOPICS 3 [6]
QUI1022 GENERAL CHEMISTRY LAB [3]	MAT1022 CALCULUS I [6] ← MAT1012	QUI2102 ANALYTICAL CHEMISTRY LAB [3] ← QUI1042		LQI3032 PROPERTY PREDICTION [6]	LQI3102 UNIT OPERATIONS OF HEAT FLOWS [6] ← LQI3012	LQI4042 CATALYSIS AND HETEROGENEOUS REACTORS [6] ← LQI3112	LQI4102 ADVANCED UNIT OPERATIONS OF MASS TRANSFER [6] ← LQI4012
	QUI1032 ORGANIC CHEMISTRY I [6] ← QUI1012	MAT2012 CALCULUS II [6] ← MAT1022		LQI3042 FREE ENERGY BALANCES [6]	LQI3112 KINETICS AND CHEMICAL REACTORS [6] ← LQI3042	LQI4052 PROCESS ENGINEERING II [6] ← LQI3122	LQI4112 DYNAMICS AND PROCESS CONTROL [6] ← LQI4052
GENERAL STUDIES ELECTIVE IN MATH [6]	QUI1042 ORGANIC CHEMISTRY LAB I [3] ← QUI1022		GENERAL STUDIES ELECTIVE IN BEHAVIORAL SCIENCES [6]	LQI3052 TRANSPORTATION PROCESSES LAB I [2] ← QUI2102	LQI3122 PROCESS ENGINEERING I [6]	LQI4062 UNIT OPERATIONS OF MASS TRANSFER LAB [2]	LQI4122 INSTRUMENTATION LAB [2]
INFO012 INFORMATION TECHNOLOGIES IN THE CONSTRUCTION OF KNOWLEDGE [6]	ESP0012 ACADEMIC REASONING [6] ← INFO012	ESP0022 ACADEMIC WRITING [6] ← ESP0012	GENERAL STUDIES ELECTIVE IN NATURAL SCIENCES [6]	LQI3062 PHASE BALANCE LAB [2] ← MAT2052	LQI3132 UNIT OPERATIONS OF FLUID AND HEAT FLOWS LAB [2]		LQI4132 ADVANCED UNIT OPERATIONS OF MASS TRANSFER LAB [3]
LEX0112 FOREIGN LANGUAGE I [6]	LEX0122 FOREIGN LANGUAGE II [6] ← LEX0112	LEX0132 FOREIGN LANGUAGE III [6] ← LEX0122	GENERAL STUDIES ELECTIVE IN HUMANITIES [6]	GENERAL STUDIES ELECTIVE IN ARTS [6]	LQI3142 KINETICS AND CHEMICAL REACTORS LAB [2] ← LQI3062		

Course credits (units)

Prerequisites

Bachelor in Chemical Engineering



- Basic Science
- Analysis, Design and Operation of Chemical Plants
- Process Equipment Sizing and Design
- Principles of Process Engineering
- General Education (GenEd)