

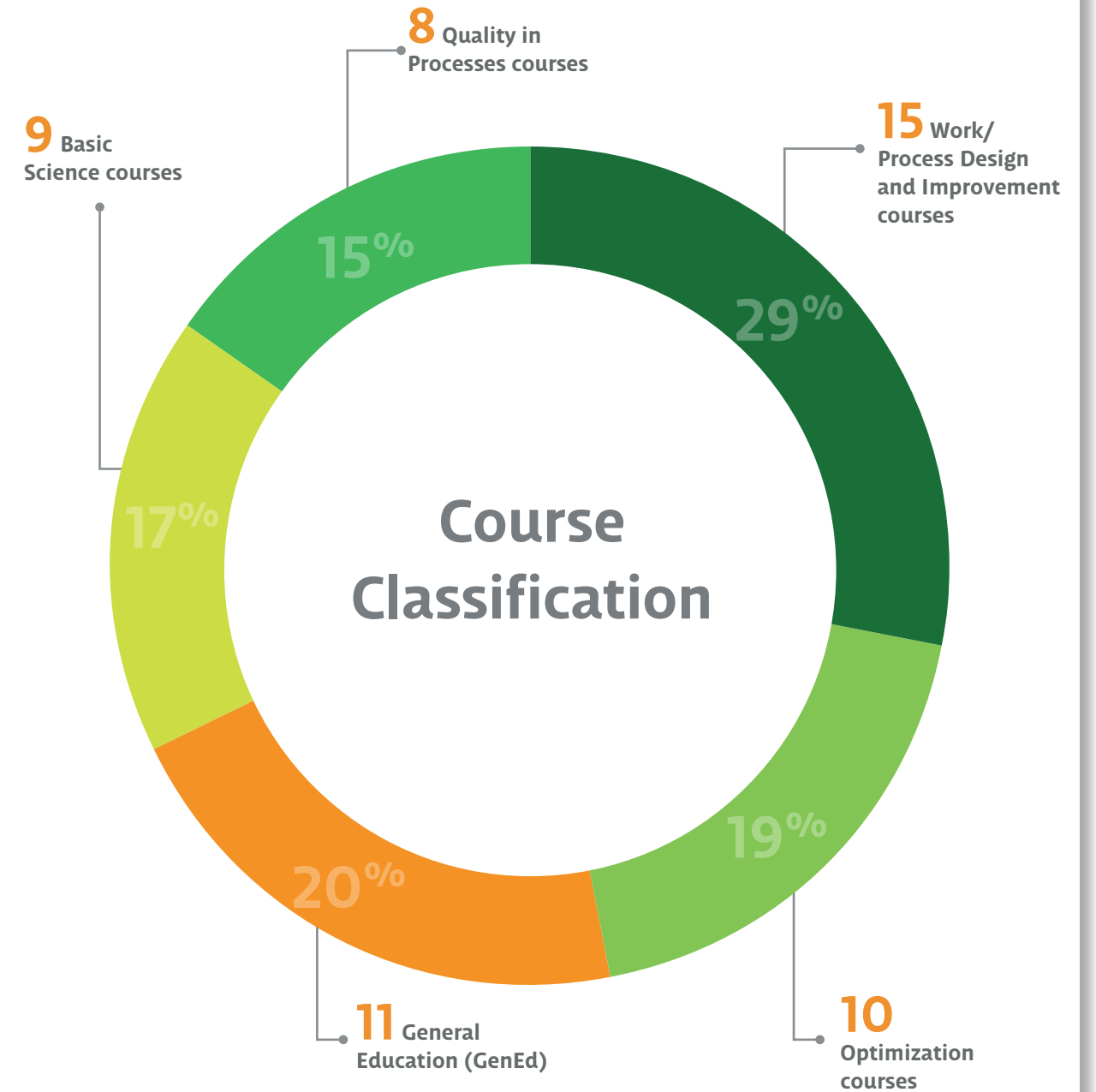
# Bachelor in Industrial Engineering

Universidad de las Américas Puebla  
8 terms - 53 courses - 300 credits (units)



| First   | Second                                       | Third  | Fourth  | Fifth  | Sixth   | Seventh   | Eighth  |
|---|--|--|---|--|---|---|---|
| MAT1012 UNIVERSITY MATH [6]   | MAT1032 LINEAR ALGEBRA [6]<br>← MAT1012      | MAT2012 CALCULUS II [6]<br>← MAT1022                           | MAT2052 ORDINARY DIFFERENTIAL EQUATIONS [6]<br>← MAT1022  | LII3012 PROFESSIONAL PRACTICES 1 [6]                           | LII3072 PLANT DISTRIBUTION [6]<br>← LIM1012                             | LII4012 PROFESSIONAL PRACTICES 2 [6]                          | LII4072 LOGISTICS IN PRODUCTION SYSTEMS [6]<br>← LII3052            |
| CON1012 ACCOUNTING [6]  | MAT1022 CALCULUS I [6]<br>← MAT1012          | LII2012 UNCERTAINTY ANALYSIS I [6]<br>← MAT1012                | LII2032 UNCERTAINTY ANALYSIS II [6]<br>← LII2012, MAT1022 | LII3022 MANUFACTURING PROCESSES [6]<br>← LIM1012               | LCS3052 INVENTORY MODELS AND QUEUING [6]<br>← LII2032                   | LII4022 SIMULATION OF INTEGRATED SYSTEMS [6]<br>← LII2032     | LII4082 DESIGN IN INDUSTRIAL ENGINEERING [6]                        |
| QUI1012 GENERAL CHEMISTRY [6]   | FIS1012 GENERAL PHYSICS I [6]                | LII2022 COMPUTER APPLICATIONS IN THE INDUSTRY [3]<br>← MAT1032 | LII2042 OPTIMIZATION THEORY AND TECHNIQUES [6]            | LII3032 MANUFACTURING PROCESSES LAB [3]<br>← LIM1012           | LII3082 SYSTEMS SECURITY AND ENGINEERING OF RESILIENCE [6]<br>← LII2052 | LII4032 SIMULATION OF INTEGRATED SYSTEMS LAB [3]<br>← LII2032 | LII4092 SELECT TOPICS 2 [6]   |
| QUI1022 GENERAL CHEMISTRY LAB [3]                                     | FIS1022 GENERAL PHYSICS LAB I [3]            | CON2012 COST ACCOUNTING I [6]<br>← CON1012                     | LII2052 ERGONOMICS [6]<br>← LII2012                       | LII3042 ANALYTICAL METHODS IN SYSTEMS I [6]<br>← LII2032       | LII3092 METHOD ENGINEERING [6]<br>← LII3062                             | LII4042 DESIGN OF EXPERIMENTS [6]<br>← LII2032                | LII4102 SELECT TOPICS 3 [6]   |
|   | LIM1012 COMPUTERIZED DRAWING LAB [6]         |  | LII2062 ECONOMIC ENGINEERING [6]                          | LII3052 INTEGER AND COMBINATORIAL PROGRAMMING [6]<br>← LII2042 | LII3102 ANALYTICAL METHODS IN SYSTEMS II [6]<br>← LII3042               | LII4052 PRODUCTION PLANNING AND CONTROL [6]<br>← LII2032      | LII4112 COMPUTER INTEGRATED MANUFACTURING [6]<br>← LII3022, LII3032 |
| GENERAL STUDIES ELECTIVE IN MATH [6]                                  |  | GENERAL STUDIES ELECTIVE IN HUMANITIES [6]                     |   | LII3062 LEAN SYSTEMS [6]<br>← LII2012                          | LII3112 ANALYTICAL METHODS IN SYSTEMS LAB [3]<br>← LII2032              | LII4062 SELECT TOPICS 1 [6]                                   |   |
| INFO012 INFORMATION TECHNOLOGIES IN THE CONSTRUCTION OF KNOWLEDGE [6] | ESPO012 ACADEMIC REASONING [6]<br>← INFO012  | ESPO022 ACADEMIC WRITING [6]<br>← ESPO012                      | GENERAL STUDIES ELECTIVE IN BEHAVIORAL SCIENCES [6]       |  | LII3122 STATISTICAL QUALITY CONTROL [6]<br>← LII2032                    |   |   |
| LEX0112 FOREIGN LANGUAGE I [6]  | LEX0122 FOREIGN LANGUAGE II [6]<br>← LEX0112 | LEX0132 FOREIGN LANGUAGE III [6]<br>← LEX0122                  | GENERAL STUDIES ELECTIVE IN ARTS [6]                      | GENERAL STUDIES ELECTIVE IN NATURAL SCIENCES [6]               |   |   |   |

# Bachelor in Industrial Engineering



- Work/Process Design and Improvement
- Optimization
- Quality in Processes
- Basic Science
- General Education (GenEd)