

FACULTAD NACIONAL DE INGENIERÍA

PLAN DE ESTUDIOS DEL PROGRAMA DE INGENIERIA INFORMATICA

| CODIGO | ASIGNATURA | HRS/SEM | | | PRE REQUISITO |
|--------|------------|---------|---|---|---------------|
| | | T | P | L | |

PRIMER SEMESTRE

| | | | | | |
|---------|-------------------------------|----|---|---|---------|
| MAT1100 | ALGEBRA I | 4 | 2 | 0 | INGRESO |
| MAT1101 | CALCULO I | 4 | 2 | 0 | INGRESO |
| FIS1100 | FISICA I | 4 | 0 | 3 | INGRESO |
| QMC1100 | QUIMICA GENERAL | 4 | 0 | 3 | INGRESO |
| SIS1100 | METODOLOGIA DE PROGRAMACION I | 4 | 0 | 3 | INGRESO |
| | TOTAL | 20 | 4 | 9 | |

SEGUNDO SEMESTRE

| | | | | | |
|---------|--------------------------------|----|---|---|--------------|
| MAT1102 | CALCULO II | 4 | 2 | 0 | MAT1101 |
| MAT1103 | ALGEBRA II | 4 | 2 | 0 | MAT1100 |
| FIS1102 | FISICA II | 4 | 0 | 3 | FIS1100 |
| SIS1101 | METODOLOGIA DE PROGRAMACION II | 4 | 0 | 3 | SIS1100 |
| SIS1205 | ANALISIS DISCRETO | 4 | 2 | 0 | MAT1100 |
| LIN1101 | INGLES I | 4 | 0 | 0 | DIR. CARRERA |
| | TOTAL | 24 | 6 | 6 | |

TERCER SEMESTRE

| | | | | | |
|---------|---------------------------------|----|---|---|---------|
| MAT1207 | ECUACIONES DIFERENCIALES I | 4 | 2 | 0 | MAT1102 |
| FIS1200 | FISICA III | 4 | 0 | 3 | FIS1102 |
| MAT1135 | ESTADISTICA | 6 | 0 | 0 | SIS1205 |
| SIS1201 | PROGRAMACION GRAFICA | 4 | 2 | 0 | MAT1103 |
| SIS1103 | METODOLOGIA DE PROGRAMACION III | 4 | 0 | 3 | SIS1101 |
| LIN1102 | INGLES II | 4 | 0 | 0 | LIN1101 |
| | TOTAL | 26 | 4 | 6 | |

CUARTO SEMESTRE

| | | | | | |
|---------|-----------------------------|----|---|---|---------|
| MAT2208 | ECUACIONES DIFERENCIALES II | 4 | 2 | 0 | MAT1207 |
| MAT1105 | METODOS NUMERICOS I | 4 | 0 | 2 | SIS1201 |
| SIS2108 | ANALISIS CAUSAL | 4 | 2 | 0 | MAT1135 |
| SIS2107 | SISTEMAS DIGITALES | 4 | 2 | 0 | FIS1200 |
| SIS2204 | ESTRUCTURA DE DATOS | 4 | 2 | 0 | SIS1103 |
| SIS2120 | SEMINARIO DE PROGRAMACION | 2 | 0 | 2 | SIS1103 |
| | TOTAL | 22 | 8 | 4 | |

QUINTO SEMESTRE

| | | | | | |
|---------|---------------------------|----|----|---|---------|
| SIS2301 | ANALISIS DE SISTEMAS | 4 | 2 | 0 | SIS2120 |
| SIS2302 | BASE DE DATOS | 4 | 2 | 0 | SIS2204 |
| SIS2209 | INVESTIGACION OPERATIVA I | 4 | 2 | 0 | MAT1105 |
| SIS2206 | TEORIA DE LA INFORMACION | 4 | 2 | 0 | MAT2208 |
| INF2207 | HARDWARE | 4 | 2 | 0 | SIS2107 |
| MAT2106 | METODOS NUMERICOS II | 4 | 2 | 0 | MAT1105 |
| | TOTAL | 24 | 12 | 0 | |

SEXTO SEMESTRE

| | | | | | |
|---------|-----------------------------------|----|----|---|---------|
| INF2316 | ALGORITMICA GENERAL | 4 | 2 | 0 | SIS2301 |
| SIS2305 | DISEÑO DE SISTEMAS | 4 | 2 | 0 | SIS2301 |
| INF2360 | INGENIERIA DEL SOFTWARE I | 4 | 2 | 0 | SIS2302 |
| SIS2210 | INVESTIGACION OPERATIVA II | 4 | 2 | 0 | SIS2209 |
| SIS2311 | SIMULACION DE SISTEMAS | 4 | 2 | 0 | MAT2106 |
| INF2221 | ESTRUCTURA DE LENGUAJE ALGORITMOS | 4 | 2 | 0 | INF2207 |
| | TOTAL | 24 | 12 | 0 | |

SEPTIMO SEMESTRE

| | | | | | |
|---------|------------------------------|----|----|---|---------|
| SIS3308 | INGENIERIA DE SISTEMAS I | 4 | 2 | 0 | SIS2305 |
| INF3306 | SISTEMAS OPERATIVOS | 4 | 2 | 0 | INF2221 |
| INF3366 | INGENIERIA DEL SOFTWARE II | 4 | 2 | 0 | INF2360 |
| INF3203 | ESTRUCTURA DE COMPILADORES I | 4 | 2 | 0 | INF2221 |
| INF3317 | INTELIGENCIA ARTIFICIAL I | 4 | 2 | 0 | INF2316 |
| SIS2303 | MODELOS ADMINISTRATIVOS | 4 | 2 | 0 | SIS2311 |
| | TOTAL | 24 | 12 | 0 | |

OCTAVO SEMESTRE

| | | | | | |
|---------|-----------------------------------|----|----|---|--------------|
| INF3205 | ESTRUCTURA DE COMPILADORES II | 4 | 2 | 0 | INF3203 |
| INF3324 | SISTEMAS PARALELOS Y DISTRIBUIDOS | 4 | 2 | 0 | INF3306 |
| INF3386 | SEMINARIO DE ING. DE SOFTWARE | 0 | 4 | 0 | INF3366 |
| INF3326 | INTELIGENCIA ARTIFICIAL II | 4 | 2 | 0 | INF3317 |
| SIS3505 | SISTEMAS EN TIEMPO REAL | 4 | 2 | 0 | INF3366 |
| | OPTATIVA | 4 | 2 | 0 | DIR. CARRERA |
| | TOTAL | 20 | 14 | 0 | |

NOVENO SEMESTRE

| | | | | | |
|---------|---------------------------------------|----|----|---|---------------------|
| SIS3393 | PRACTICAS EN LA INDUSTRIA | 2 | 0 | 0 | DIR. CARRERA |
| INF3390 | SEMINARIO I. A./COMPILADORES | 0 | 4 | 0 | INF3326-INF3205 |
| SIS3500 | REDES INFORMATICAS | 4 | 2 | 0 | INF3324 |
| IND3216 | PREPARACION Y EVALUACION DE PROYECTOS | 4 | 2 | 0 | INF3386 |
| SIS3503 | AUDITORIA DE SISTEMAS | 4 | 2 | 0 | VIII SEMESTRE VENC. |
| LIN1103 | INGLES III | 4 | 0 | 0 | LIN1102 |
| | OPTATIVA | 4 | 2 | 0 | DIR. CARRERA |
| | TOTAL | 22 | 12 | 0 | |

DECIMO SEMESTRE

| | | | | | |
|---------|------------|----|---|---|-------------------|
| SIS3399 | GRADUACION | 40 | 0 | 0 | IX SEMESTRE VENC. |
| | TOTAL | 40 | 0 | 0 | |