PROGRAMA DE INGENIERIA INDUSTRIAL

	I	II	III	IV	V	VI	VII	VIII	IX	X
FORMACIÓN EN CIENCIAS BÁSICAS	Competencias Matemáticas (CR 3, HAD 3, HLA 0, HTI 6)	Calculo Diferencial (CR 3, HAD 3, HLA 0, HTI 6) Algebra Lineal (CR 3, HAD 3, HLA 0, HTI 6) Física Mecánica (CR 3, HAD 3, HLA 1, HTI 7) Ingles I (CR 2, HAD 2, HLA 0, HTI 4)	Calculo Integral (CR 3, HAD 3, HLA 0, HTI 6) Física Calor y Ondas (CR 3, HAD 3, HLA 1, HTI 7) Química (CR 3, HAD 3, HLA 1, HTI 7) Ingles II (CR 2, HAD 2, HLA 0, HTI 4)	Calculo Vectorial (CR 3, HAD 3, HLA 0, HTI 6) Fisica, electricidad y magnetismo (CR 3, HAD 3, HLA 1, HTI 7) Ingles III (CR 2, HAD 2, HLA 0, HTI 4)	Ecuaciones Diferenciales (CR 3, HAD 3, HLA 0, HTI 6) Ingles IV (CR 2, HAD 2, HLA 0, HTI 4)	Electiva Aplicada (CR 2, HAD 2, HLA 0, HTI 4) Ingles V (CR 2, HAD 2, HLA 0, HTI 4)	Ingles VI (CR 2, HAD 2, HLA 0, HTI 4)			
AREA EN CIENCIAS BÁSICAS DE INGENERÍA	Métodos Gráficos (CR 3, HAD 3, HLA 0, HTI 6) Fundamentos de Programación (CR 3, HAD 3, HLA 0, HTI 6)		Estática y Dinámica (CR 3, HAD 3, HLA 1, HTI 7)	Mecánica de Materiales (CR 3, HAD 3, HLA 2, HTI 8) Materiales de Ingeniería (CR 3, HAD 3, HLA 0, HTI 6) Fundamentos de Economía (CR 2, HAD 2, HLA 0, HTI 4) D	Procesos de Fabricación (CR 3, HAD 3, HLA 2, HTI 8) Termodinamica (CR 3, HAD 3, HLA 0, HTI 6) Ingeniería Económica (CR 2, HAD 2, HLA 0, HTI 4) Estadística Descriptiva (CR 2, HAD 2, HLA 0, HTI 5)	Fundamentos de Contabilidad (CR 2, HAD 2, HLA 0, HTI 4) Estadística Inferencial (CR 3, HAD 3, HLA 0, HTI 6)		Ingenieria de Costos (CR 3, HAD 3, HLA 0, HTI 6)		
FORMACIÓN PROFESIONAL	Introducción a la Ing.Industrial (CR 2, HAD 2, HLA 0, HTI 4)		Proyecto Integrador I (CR 0, HAD 0, HLA 0, HTI 2)		Proyecto Integrador II (CR 0, HAD 0, HLA 0, HTI 2) Electiva profundización I (CR 2, HAD 3, HLA 0, HTI 6)	Diseño de Experimentos (CR 3, HAD 3, HLA 0, HTI 6) Investigación de Operaciones I (CR 3, HAD 3, HLA 0, HTI 6) Fundamentos de Administración (CR 2, HAD 2, HLA 0, HTI 4)	Control de Calidad (CR 3, HAD 3, HLA 0, HTI 6) Investigación de Operaciones II (CR 3, HAD 3, HLA 0, HTI 6) Aseguramiento de la Calidad (CR 2, HAD 2, HLA 0, HTI 4) Administración de Talento Humano (CR 3, HAD 3, HLA 0, HTI 6) Proyecto Integrador III (CR 0, HAD 0, HLA 0, HTI 2)	Ingeniería de Métodos (CR 3, HAD 3, HLA 1, HTI 7) Simulación y Modelaje de Procesos (CR 3, HAD 3, HLA 1, HTI 7) SYSO (CR 2, HAD 2, HLA 0, HTI 4) Fundamentos de Mercadeo (CR 2, HAD 2, HLA 0, HTI 4) Electiva profundización II (CR 3, HAD 3, HLA 0, HTI 6)	Gestión de Procesos I (CR 3, HAD 3, HLA 0, HTI 6)	Gestión de Procesos II (CR 3, HAD 3, HLA 0, HTI 6) Gestión Ambiental (CR 3, HAD 2, HLA 2, HTI 6) Finanzas (CR 2, HAD 2, HLA 0, HTI 5) Espritu Emprendedor (CR 2, HAD 2, HLA 0, HTI 4) Electiva profundización III (CR 3, HAD 3, HLA 0, HTI 6) Trabajo de Investigación I (CR 2, HAD 2, HLA 0, HTI 4)	Diseño de Sistemas Productivos (CR 3, HAD 3, HLA 0, HTI 6) Logistica y Transporte (CR 3, HAD 3, HLA 0, HTI 6) Integración de Sistemas (CR 2, HAD 2, HLA 0, HTI 4) Etica Profesional y RSE (CR 2, HAD 2, HLA 0, HTI 4) Plan de Negocios (CR 3, HAD 3, HLA 0, HTI 6) Trabajo de Investigación II (CR 2, HAD 2, HLA 0, HTI 4)	
FORMACIÓN COMPLEMENTARIA	Competencias Comunicativas (CR 3, HAD 3, HLA 0, HTI 6) Constitución y Democracia (CR 2, HAD 2, HLA 0, HTI 4)	Metodología de la Investigación (CR 2, HAD 2, HLA 0, HTI 4) Electiva Humanidades I (CR 2, HAD 0, HLA 0, HTI 4) Cultura y Deporte (CR 0, HAD 2, HLA 0, HTI 4)	< Electiva Humanidades II (CR 2, HAD 2, HLA 0, HTI 4)							

	I	II	III	IV	V	VI	VII	VIII	IX	X
CR	16	15	16	16	17	17	16	16	15	15
HAD	13		21	2	15	23	18	16	15	15
HLA			3	0	2	1	0	1	0	0
HTI	26		46	4	34	48	38	33	30	30
HDS	39,0		69,5	6,0	51,0	72,0	56,0	49,5	45,0	45,0

Total: 159