

FACULTAD DE INGENIERIA	TECNOLOGIA EN ELECTROMEDICINA						
	I	II	III	IV	V	VI	VII
COMPONENTE DE FORMACION SOCIO HUMANISTICO Y COMPLEMENTARIO						Electiva interdisciplinar I CRED HAD HI HT 3 3 6 9	
	Catedra Reformada CRED HAD HI HT 0 0 0 0  Competencias comunicativas CRED HAD HI HT 2 3 3 6					Constitución política CRED HAD HI HT 1 1 2 1 3	Medio ambiente y desarrollo CRED HAD HI HT 2 2 4 6  Ética CRED HAD HI HT 1 2 1 3
COMPONENTE DE FORMACION BASICA	Fundamentos y Lógica Matemática CRED HAD HI HT 3 4 5 9	Cálculo Diferencial e Integral CRED HAD HI HT 3 4 5 9	Cálculo Vectorial CRED HAD HI HT 3 4 5 9				
	Química General CRED HAD HI HT 2 3 3 6	Bioquímica CRED HAD HI HT 3 4 5 9	Biología celular y molecular CRED HAD HI HT 3 4 5 9	Morfofisiología CRED HAD HI HT 3 4 5 9			
	Física General CRED HAD HI HT 3 4 5 9	Electromagnetismo CRED HAD HI HT 3 4 5 9	Física ondulatoria CRED HAD HI HT 3 4 5 9	Fluidos y Termodinámica CRED HAD HI HT 3 4 5 9			
COMPONENTE DE FORMACION BASICO DE INGENIERIA		Álgebra lineal CRED HAD HI HT 2 3 3 6		Estadística descriptiva CRED HAD HI HT 2 3 3 6	Estadística inferencial CRED HAD HI HT 2 3 3 6		Ecuaciones diferenciales CRED HAD HI HT 3 4 5 9
	Tecnología de la Información y las comunicaciones CRED HAD HI HT 2 3 3 6	Diseño gráfico CRED HAD HI HT 2 3 3 6					
COMPONENTE DE FORMACION ESPECIFICO				Investigación científica I CRED HAD HI HT 2 2 4 6	Investigación científica II CRED HAD HI HT 2 2 4 6	Proyecto tecnológico electromédico CRED HAD HI HT 3 2 7 9	
			Circuitos y redes eléctricas CRED HAD HI HT 3 4 5 9	Fundamentos de electrónica CRED HAD HI HT 3 4 5 9	Sistemas digitales CRED HAD HI HT 3 4 5 9	Sistemas digitales biomédicos CRED HAD HI HT 3 4 5 9	Sensórica y transducción CRED HAD HI HT 3 4 5 9
						Bioestadística CRED HAD HI HT 2 3 3 6	
	Introducción a la electromedicina CRED HAD HI HT 3 4 5 9	Fundamentos de metrología CRED HAD HI HT 2 2 4 6	Metrología Biomédica CRED HAD HI HT 2 2 4 6	Aseguramiento Metrologico Biomédico CRED HAD HI HT 2 2 4 6	Instrumentación electromédica CRED HAD HI HT 3 6 3 9  Gestión de la calidad en salud CRED HAD HI HT 2 4 2 6	Mantenimiento de equipos electromédicos CRED HAD HI HT 3 4 5 9	Gestión tecnológica hospitalaria CRED HAD HI HT 3 4 5 9
			Legislación en salud y tecnovigilancia CRED HAD HI HT 2 4 2 6			Orígeno y gases medicinales CRED HAD HI HT 2 4 2 6	
					Electiva tecnológica I CRED HAD HI HT 3 3 6 9		Electiva tecnológica II CRED HAD HI HT 3 3 6 9

CRED	HAD	HI	HT
15	21	24	45

CRED	HAD	HI	HT
15	20	25	45

CRED	HAD	HI	HT
16	22	26	48

CRED	HAD	HI	HT
15	19	26	45

CRED	HAD	HI	HT
16	24	24	48

CRED	HAD	HI	HT
16	20	28	48

CRED	HAD	HI	HT
15	19	26	45

Nivel Tecnológico  
Semestral  
Periodo Académico

CRED	HAD	HI	HT
108	145	179	324
108	2302	2864	5184

