

FACULTAD DE INGENIERÍA		TECNOLOGÍA EN ELECTROMEDICINA																																			
		I				II				III				IV				V				VI				VII											
COMPONENTE DE FORMACIÓN SOCIO HUMANÍSTICO Y COMPLEMENTARIO																						Electiva interdisciplinaria I															
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		Cátedra Reformada																												Medio ambiente y desarrollo							
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		Competencias comunicativas																				Constitución política								Ética							
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COMPONENTE DE FORMACIÓN BÁSICA		Fundamentos y Lógica Matemática				Cálculo Diferencial e Integral				Cálculo Vectorial																											
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		Química General				Bioquímica				Biología celular y molecular				Morfofisiología																							
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		Física General				Electromagnetismo				Física ondulatoria				Fluidos y Termodinámica																							
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COMPONENTE DE FORMACIÓN BÁSICO DE INGENIERÍA		Tecnología de la Información y las comunicaciones				Álgebra lineal								Estadística descriptiva				Estadística inferencial								Ecuaciones diferenciales											
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COMPONENTE DE FORMACIÓN ESPECÍFICO														Investigación científica I				Investigación científica II				Proyecto tecnológico electromédico															
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										Circuitos y redes eléctricas				Fundamentos de electrónica				Sistemas digitales				Sistemas digitales biomédicos				Sensórica y transducción											
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		Introducción a la electromedicina																Instrumentación electromédica				Mantenimiento de equipos electromédicos				Gestión tecnológica hospitalaria											
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		Fundamentos de metrología				Metrología Biomédica				Aseguramiento Metrológico Biomédico				Gestión de la calidad en salud				Oxígeno y gases medicinales																			
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						Legislación en salud y tecnovigilancia																															
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																		Electiva tecnológica I				Electiva tecnológica II															
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	CRED HAD HI HT	15 21 24 45				15 20 25 45				16 22 26 48				15 19 26 45				16 24 24 48				16 20 28 48				15 19 26 45											

Nivel Tecnológico  
Semestral  
Periodo Académico

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108	145	179	324
108	2320	2864	5184

