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Polytechnic University

COURSE SCHEDULE BY DEPARTMENT

For LF 2023 UG23 Catalog

Includes Schedule Comments

Course No.	Course Title	Hrs	Sec	Faculty	Time	Days	Bld	Room	Max	Reg
Biomedical Engineering										
BME 1010	INTRODUCTION TO BIOMEDICAL ENGINEERING	3.00	OL	Farina W	TBA	-----	M	OL	25	1
BME 2110	COMPUTER AIDED DRAFTING AND DESIGN FOR BME	3.00	OL	Velez A	TBA	-----	M	OL	30	0
BME 2220	BIOETHICS	3.00	OL	Rondon J	TBA	-----	M	OL	15	0
BME 2300	HUMAN ANATOMY AND PHYSIOLOGY FOR BIOMEDICAL ENGINEERING	3.00	OL	Perez I	TBA	-----	M	OL	20	0
BME 3010	COMPUTER PROGRAMMING FOR BIOMEDICAL ENGINEERING	3.00	OL	Valera J	TBA	-----	M	OL	17	0
BME 3020	PHYSIOLOGICAL MODELING AND CONTROL SYSTEM	3.00	OL	Valera J	TBA	-----	M	OL	25	0
BME 3120	BIOMATERIALS	3.00	OL	Rondon J	TBA	-----	M	OL	20	0
BME 3130	FUNDAMENTALS OF BIOMECHANICS	3.00	OL	Bravo R	TBA	-----	M	OL	30	0
BME 3131	FUNDAMENTALS OF BIOMECHANICS LABORATORY	1.00	OL	Bravo R	TBA	-----	M	OL	20	0
BME 3140	TRANSPORT PHENOMENA IN BIOLOGICAL SYSTEMS	3.00	OL	Rondon J	TBA	-----	M	OL	25	0
BME 3150	LIFE SCIENCE INDUSTRY MANUFACTURING PROCESSES	3.00	OL	Marrero Jo	TBA	-----	M	OL	25	0
BME 3220	FUNDAMENTALS OF ELECTRONICS	3.00	OL	Farina W	TBA	-----	M	OL	20	0
BME 3221	BIOSYSTEM CIRCUITS AND ELECTRONICS LABORATORY	1.00	OL	Farina W	TBA	-----	M	OL	20	0
BME 3230	BIOMEDICAL SIGNALS AND SYSTEMS	3.00	OL	Valera J	TBA	-----	M	OL	30	0
BME 4010	REHABILITATION ENGINEERING AND INDUSTRIAL AUTOMATION	3.00	OL	Velez A	TBA	-----	M	OL	20	0
BME 4020	REGULATIONS IN THE LIFE SCIENCES INDUSTRY	3.00	OL	Marrero Jo	TBA	-----	M	OL	30	0
BME 4030	CLINICAL ENGINEERING	3.00	OL	Marrero Jo	TBA	-----	M	OL	30	0
BME 4140	MEDICAL IMPLANTS	3.00	OL	Mojica G	TBA	-----	M	OL	30	0
BME 4210	HEALTHCARE INFORMATION SYSTEMS	3.00	OL	Perez I	TBA	-----	M	OL	30	0
BME 4230	BIOINSTRUMENTATION	3.00	OL	Farina W	TBA	-----	M	OL	25	0
BME 4250	MEDICAL IMAGING	3.00	OL	Marrero Jo	TBA	-----	M	OL	25	0
BME 4990E	SPECIAL TOPICS IN BME:	3.00	OL	Perez I	TBA	-----	M	OL	25	0

TELEMEDICINE & TELEHEALTH  
FUNDAMENTALS

BME 4992	BIOMEDICAL ENGINEERING CAPSTONE DESIGN I	3.00	OL	Alvarado	C	TBA	-----	M	OL	30	0
BME 4994	BIOMEDICAL ENGINEERING CAPSTONE DESIGN II	3.00	OL	Alvarado	C	TBA	-----	M	OL	30	0

Civil Engineering

ENGI 2124	STRENGTH OF MATERIALS	3.00	OL	Cruzado	H	TBA	-----	M	OL	30	0
ENGI 2910	ENGINEERING MECHANICS - STATICS AND DYNAMICS	3.00	OL	Cabrera	E	TBA	-----	M	OL	30	0

Computer Engineering

CECS 2004	DISCRETE STRUCTURES	3.00	OL	Vicente	L	TBA	-----	M	OL	5	0
CECS 2200	COMPUTER PROGRAMMING FUNDAMENTAL	1.00	OL	Jordan	Z	TBA	-----	M	OL	5	0
CECS 2202	COMPUTER PROGRAMMING I	4.00	OL	Tallaj	B	TBA	-----	M	OL	5	0
CECS 2203	COMPUTER PROGRAMMING I LAB	0.00	OL	Tallaj	B	TBA	-----	M	OL	5	0
CECS 3210	ADVANCED PROGRAMMING	3.00	OL	De La T	C	TBA	-----	M	OL	5	0

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CECS 3212	DATA STRUCTURES	3.00	OL	Talavera	C	-----	M	OL	5	0
CECS 3216	MACHINE LEARNING	3.00	OL	Teixeira	M	-----	M	OL	5	0
CECS 3302	DATA COMMUNICATIONS	3.00	OL	Vicente	L	-----	M	OL	5	0
CECS 4202	DATABASE SYSTEMS	3.00	OL	Cruz	A	-----	M	OL	5	0
CECS 4204	SOFTWARE ENGINEERING	3.00	OL	De La T	C	-----	M	OL	5	0
CECS 4230	OPERATING SYSTEMS	3.00	OL	Morales	L	-----	M	OL	5	0
COE 4330	COMPUTER NETWORKS	3.00	OL	De La Cruz	J	-----	M	OL	5	0
COE 4331	COMPUTER NETWORKS LABORATORY	1.00	OL	Tovar	J	-----	M	OL	5	0

Coop Educ Program

COOP 3010	PROFESSIONAL PRACTICE	3.00	OL	Escalant A	TBA	-----	M	OL	0	0
				***REQUIERE AUTORIZACION DE						
				A. ESCALANTE***						

Computer Science

CS 2302	DIGITAL LOGIC FOR COMPUTER SCIENCE MAJORS	3.00	OL	Teixeira M	TBA	-----	M	OL	5	0
CS 3010	NUMERICAL ANALYSIS FOR COMPUTER SCIENCE MAJORS	3.00	OL	Nevarez F	TBA	-----	M	OL	5	0

Electrical Engineering

EE 2000	CIRCUIT ANALYSIS I	3.00	OL	Zaharov V	TBA	-----	M	OL	5	0
ENGI 2310	COMPUTER PROGRAMMING AND ALGORITHMS	3.00	OL	Morales L	TBA	-----	M	OL	5	0
ENGI 2320	PRINCIPLES OF ELECTRICAL ENGINEERING	3.00	OL	Ortiz C	TBA	-----	M	OL	5	0

Industrial Engineering

ENGI 2260	ENGINEERING ECONOMICS	3.00	OL	Pons C	TBA	-----	M	OL	30	0
ENGI 2270	ENGINEERING PROBABILITY AND STATISTICS	3.00	OL	Pons C	TBA	-----	M	OL	30	0
IE 1000	INTRODUCTION TO INDUSTRIAL ENGINEERING	3.00	OL	Niezen-M C	TBA	-----	M	OL	30	0
IE 1560	INTRODUCTION TO PROJECT MANAGEMENT	3.00	OL	Suarez R	TBA	-----	M	OL	30	0
IE 1611	COMPUTER TOOLS LAB I FOR IE'S	1.00	OL	Pagan C	TBA	-----	M	OL	30	0
IE 2110	FINANCIAL AND COST ACCOUNTING	3.00	OL	Morales J	TBA	-----	M	OL	30	0
IE 2210	PROBABILITY FOR ENGINEERS	3.00	OL	Morales J	TBA	-----	M	OL	30	0
IE 2220	STATISTICS FOR ENGINEERS	3.00	OL	Garcia M	TBA	-----	M	OL	30	0
IE 2310	WORK DESIGN AND HUMAN FACTORS	3.00	OL	Pabon M	TBA	-----	M	OL	30	0
IE 2311	WORK DESIGN AND HUMANS FACTORS LABORATORY	1.00	OL	Pabon M	TBA	-----	M	OL	30	0
IE 2611	COMPUTER TOOLS LAB II FOR IE'S	1.00	OL	Pagan C	TBA	-----	M	OL	30	0
IE 3222	STATISTICAL QUALITY CONTROL	3.00	OL	Garcia M	TBA	-----	M	OL	30	0
IE 3360	JOB DESIGN AND WORK MEASUREMENT	3.00	OL	Niezen-M C	TBA	-----	M	OL	30	0
IE 3361	JOB DESIGN AND WORK MEASUREMENT LABORATORY	1.00	OL	Niezen-M C	TBA	-----	M	OL	30	0
IE 3410	MATERIALS MANAGEMENT AND INVENTORY CONTROL	3.00	OL	Niezen-M C	TBA	-----	M	OL	30	0
IE 3422	OPERATIONS RESEARCH MODELS I	3.00	OL	Pons C	TBA	-----	M	OL	30	0

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IE 3500	SERVICE ENGINEERING AND MANAGEMENT	3.00	OL	Olivares L	TBA	-----	M	OL	30	0
IE 3522	OPERATIONS RESEARCH MODELS II	3.00	OL	Paz S	TBA	-----	M	OL	30	0
IE 3530	ORGANIZATIONAL BEHAVIOR	3.00	OL	Pons C	TBA	-----	M	OL	30	0
IE 3570	LOGISTICS SYSTEMS	3.00	OL	Morales J	TBA	-----	M	OL	30	0
IE 3620	MODELING AND SIMULATION ANALYSIS	3.00	OL	Suarez R	TBA	-----	M	OL	30	0
IE 3710	INDUSTRIAL MANUFACTURING PROCESSES	3.00	OL	Suarez R	TBA	-----	M	OL	30	0
IE 4212	LEAN SIX SIGMA	3.00	OL	Olivares L	TBA	-----	M	OL	30	0
IE 4560	PROJECT MANAGEMENT TECHNIQUES	3.00	OL	Suarez R	TBA	-----	M	OL	30	0
IE 4910	FACILITIES PLANNING AND DESIGN	3.00	OL	Olivares L	TBA	-----	M	OL	30	0

Mathematic and Science

MATH 0102	PREPARATORY MATHEMATICS	3.00	OL	Agosto M	TBA	-----	M	OL	30	1
MATH 0106	ELEMENTARY ALGEBRA	3.00	OL	Agosto M	TBA	-----	M	OL	30	0
MATH 0110	INTERMEDIATE ALGEBRA	3.00	OL	Rodrigue F	TBA	-----	M	OL	30	1
MATH 1330	PRECALCULUS I	3.00	OL	Agosto M	TBA	-----	M	OL	30	0
MATH 1340	PRECALCULUS II	3.00	OL	Agosto M	TBA	-----	M	OL	30	1
MATH 1350	CALCULUS I	4.00	OL	Rodrigue F	TBA	-----	M	OL	30	0
MATH 1360	CALCULUS II	4.00	OL	Gomez M	TBA	-----	M	OL	30	0
MATH 1370	CALCULUS III	4.00	OL	Rodrigue F	TBA	-----	M	OL	30	0
MATH 1371	SEMINAR IN APPLIED MATH	1.00	OL	Guerra J	TBA	-----	M	OL	30	0
MATH 2350	DIFFERENTIAL EQUATIONS	3.00	OL	Garcia Z	TBA	-----	M	OL	30	0
MATH 2360	LINEAR ALGEBRA	3.00	OL	Garcia Z	TBA	-----	M	OL	30	0
SCIE 0110	INTRODUCTION TO PHYSICS	3.00	OL	Dumois M	TBA	-----	M	OL	30	0
SCIE 1130	BIOLOGY I	4.00	OL	Garriga M	TBA	-----	M	OL	30	0
SCIE 1131	BIOLOGY I LABORATORY	0.00	OL	Garriga M	TBA	-----	M	OL	30	0
SCIE 1140	BIOLOGY II	4.00	OL	RodriguezJ	TBA	-----	M	OL	30	0
SCIE 1141	BIOLOGY II LABORATORY	0.00	OL	TBA	TBA	-----	M	OL	30	0
SCIE 1210	PRINCIPLES OF CHEMISTRY	4.00	OL	Gonzalez D	TBA	-----	M	OL	30	0
SCIE 1211	PRINCIPLES OF CHEMISTRY LAB	0.00	OL	Gonzalez D	TBA	-----	M	OL	30	0
SCIE 1214	GENERAL CHEMISTRY I	4.00	OL	Gonzalez D	TBA	-----	M	OL	30	0

SCIE 1215	GENERAL CHEMISTRY I LABORATORY	0.00	OL	Gonzalez D	TBA	-----	M	OL	30	0
SCIE 1220	GENERAL CHEMISTRY II	4.00	OL	Gonzalez D	TBA	-----	M	OL	30	0
SCIE 1221	GENERAL CHEMISTRY II LAB	0.00	OL	Gonzalez D	TBA	-----	M	OL	30	0
SCIE 1230	ORGANIC CHEMISTRY	4.00	OL	Visalden M	TBA	-----	M	OL	30	0
SCIE 1231	ORGANIC CHEMISTRY LABORATORY	0.00	OL	Visalden M	TBA	-----	M	OL	30	0
SCIE 1430	PHYSICS I	4.00	OL	Soto M	TBA	-----	M	OL	30	0
SCIE 1431	PHYSICS I LABORATORY	1.00	OL	Maldonad C	TBA	-----	M	OL	30	0
SCIE 1440	PHYSICS II	4.00	OL	Soto M	TBA	-----	M	OL	30	0
SCIE 1441	PHYSICS II LABORATORY	1.00	OL	Quispitu D	TBA	-----	M	OL	30	0
SCIE 4020	MOLECULAR BIOLOGY OF THE GENE	3.00	OL	Garriga M	TBA	-----	M	OL	30	0

Socio Humanistic

ATUL 0100	ADJUSTMENT TO UNIVERSITY LIFE	3.00	OL	Motta M	TBA	-----	M	OL	30	1
ENGL 0100	PREPARATORY ENGLISH	3.00	OL	Velez L	TBA	-----	M	OL	30	2
ENGL 0110	ENGLISH GRAMMAR	3.00	OL	Betancou Y	TBA	-----	M	OL	30	0
ENGL 1010	STUDY OF THE ESSAY AS LITERARY GENRE	3.00	OL	Betancou Y	TBA	-----	M	OL	30	0
ENGL 2010	ANALYSIS OF WORLD LITERATURE	3.00	OL	Betancou Y	TBA	-----	M	OL	30	0
ENGL 2020	BUSINESS ENGLISH & COMMUNICATION	3.00	OL	Velez L	TBA	-----	M	OL	30	0
ENGL 2030	ENGLISH MEDICAL TERMINOLOGY	3.00	OL	Rivera J	TBA	-----	M	OL	30	1

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HIST 3010	HISTORY OF PUERTO RICO	3.00	OL	Forina D	TBA	-----	M	OL	30	0
SOHU 2010	SOCIO-HUMANISTIC STUDIES I	3.00	OL	Forina D	TBA	-----	M	OL	30	1
SOHU 2040	ETHICS, GLOBAL AND CONTEMPORARY ISSUES	3.00	OL	Forina D	TBA	-----	M	OL	30	0
SPAN 0100	PREPARATORY SPANISH	3.00	OL	Martinez M	TBA	-----	M		30	1
SPAN 0110	SPANISH GRAMMAR	3.00	OL	Martinez M	TBA	-----	M	OL	30	0
SPAN 1010	LINGUISTIC ANALYSIS OF LITERARY GENRES	3.00	OL	Dessus V	TBA	-----	M	OL	30	0
SPAN 2010	HISPANIC LITERATURE	3.00	OL	Miranda I	TBA	-----	M	OL	30	1
SPAN 2020	BUSINESS SPANISH	3.00	OL	Rijos M	TBA	-----	M	OL	30	1

SPAN 2030 SPANISH MEDICAL TERMINOLOGY 3.00 OL Garriga M TBA ----- M OL 30 0

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Revision: Released 10/30/2007 08:25:20