Departments	Major	First Name	Middle Name	Last Name	Dissertation Title (PH.D's ONLY)	Adivsor(s) (PH.D's ONLY)	Degree Term
Bioengineering	Bioengineering	Binru		Chen	Microfluidics System for Cell Reprogramming	Song Li	Spring 2023
Bioengineering	Bioengineering	Marc		Creixell Santa Olalla	Dissecting AXL-mediated resistance to EGFR-targeted therapies in lung cancer	Aaron Meyer	Winter 2023
Bioengineering	Bioengineering	Amy	Lauren	Cummings	Integrating Multimodal Data for Personalized Models of Cancer	Alex A T Bui	Fall 2022
					From Collective Motility of Bacteria to the Machine Learning Guided Identification of Novel Immunomodulatory		
Bioengineering	Bioengineering	Jaime		de Anda Barbosa	peptides.	Gerard C.L. Wong	Spring 2023
Bioengineering	Bioengineering	Mohammadi		Farnaz	Mathematical Tools for Dissecting the Heterogeneity in and Cell Cycle Contributions of Cancer Therapy	Aaron Meyer	Spring 2023
Bioengineering Bioengineering	Bioengineering	Isaura Simon	Maia	Frost Han	Cell Squeeze Devices for Intracellular Delivery A Multi-part Optimization Framework for POMDPs in Lung Cancer Screening	Paul S. Weiss and Steven J. Jonas Alex AT Bui and Denise B Aberle	Summer 2023 Winter 2023
Bioengineering	Bioengineering	Simon		Han	Wearable Sensors for Personalized Biomedical Monitoring: From Physiological Signals to Metabolites and	Alex AT Bui and Denise R Aberie	Winter 2023
Bioengineering	Bioengineering	Martin	Carl	Hartel	Hormones	Paul Weiss + Anne Andrews	Winter 2023
bioengineering	bioengineering	Wai (III	can	Harter	Analysis of Single-cell Secretion using Nanovial Technology for Improved Discovery and Therapeutic Potential in	Faul Weiss - Anne Andrews	Winter 2025
Bioengineering	Bioengineering	Felis (Doveon)		Koo	Cell Therapies	Dino Di Carlo	Spring 2023
Bioengineering	Bioengineering	Yannan		Lin	Characterizing Patient Adherence to Lung Cancer Screening Guidelines	Denise R Aberle and William Hsu	Spring 2023
Bioengineering	Bioengineering	Chau		Ly	Thesis Dissertation Title Not Available	Amy Rowat	Spring 2023
Bioengineering	Bioengineering	Yayao		Ma	Computational Fluorescence Lifetime Imaging Microscopy for Biomedical Science	Liang Gao	Spring 2023
					Memory and spatial representations in the human medial temporal lobe using intracranial electrophysiology in vir	t	
Bioengineering	Bioengineering	Sabrina Leah Levy		Maoz	ual reality and during real-world ambulation	Wentai Liu and Nanthia Suthana	Spring 2023
					Optimization of Particle-based Hydrogel Biophysical and Biochemical Properties for Biomedical Applications		
Bioengineering	Bioengineering	Hiromi		Miwa	,	Dino Di Carlo	Fall 2022
Bioengineering	Bioengineering	Hossein		Montazerian	Polycatechol-Functionalized Gelatin Bioadhesives for Sutureless Wound Closure	Paul S. Weiss and Nasim Annabi	Spring 2023
					Leveraging Clinical Imaging and Machine Learning Algorithms to Characterize Acute Ischemic Stroke Patients for		
Bioengineering	Bioengineering	Jennifer	Sara	Polson	Treatment Decision-Making	Corey Arnold	Winter 2023
Bioengineering	Bioengineering	Mehrdad Vishwesh	Nilesh	Roustaei Shah	Mechano-Genomic Analysis to Identify Flow-mediate Vascular Transducer: A multi-Scale Approach Democratizing Droplet Based Assays for Protein Measuremnet	Tzung Hsiai Dino Di Carlo	Spring 2023
Bioengineering Bioengineering	Bioengineering Bioengineering	Vishwesh Trinny	Nilesh	Snan Tat	Thesis Dissertation Title Not Available	Dino Di Carlo Jun Chen	Spring 2023 Summer 2023
Bioengineering	Bioengineering	Peyton	John	Tebon	High-Throughput Tumor Organoid Models for Functional Precision Medicine	Alice Soragni and Michael Teitell, M.E	
bioengineering	bioengineering	reyton	30111	TEDOT	Developing the Next-generation Biomedical Optical Systems: Higher Sensitivity, Deeper in Tissue, and Faster	Ance Soragin and Wichael Tercen, Wich	. 1 811 2022
Bioengineering	Bioengineering	Jorge		Tordera Mora	Dynamics.	Liang Gao	Fall 2022
Bioengineering	Bioengineering	Shreya Vikram		Udani	Engineered Hydrogel Microparticles for Single-Cell Multiomics and Morphology analysis	Dino Di Carlo	Summer 2023
					Quantifying the Relationships Among Selective Motor Control, Brain Imaging, Biomechanics and Physical Therapy		
Bioengineering	Bioengineering	Andy		Vuong	in Children with Spastic Bilateral Cerebral Palsy	Eileen Fowler	Fall 2022
Bioengineering	Bioengineering	Haoyue		Zhang	Improving Acute Ischemic Stroke diagnosis using Medical Imaging and Deep Learning Methods	Corey Arnold	Spring 2023
Bioengineering	Bioengineering	Xuexiang		Zhang	Tuning the Local Immunity Via Microneedle Patches	Song Li	Summer 2023
					Quantitative Prostate Diffusion MRI and Multi-dimensional Diffusion-Relaxation Correlation MRI for		
Bioengineering	Bioengineering	Zhaohuan		Zhang	Characterization of Prostate Cancer	Hoden Wu	Spring 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Fahim		Abdullah	Sparse Identification-Based Modeling and Predictive Control of Nonlinear Processes	Panagiotis D Christofides	Spring 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Steven	Juan	Bustillos	Implementation of Ion Exchange Processes on Industrial Waste Streams for CO2 Mineralization	Dante Simonetti	Spring 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Yan		Cao	Development and Microfabrication of the Next Generation Biosensors for Nucleic Acids and Neurotransmitters	Harold G. Monbouquette	Spring 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Roxanne		Castillo	Overcoming the Biological Barriers of Nanomedicine	Yunfeng Lu and Jeffrey I. Zink	Summer 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Alexis	Kyle	Fortini	Thesis Dissertation Title Not Available		Fall 2022
		Joon Baek		Jang	Decoupling Mass Transport Effects and Revealing Electrochemical CO2 Reduction Mechanism on Copper: From		
Chemical and Biomolecular Engineering	Chemical Engineering			Jang	Designing Reactor to Developing Reaction-Transport Kinetics Model	Carlos G. Morales-Guio	Summer 2023
Chemical and Biomolecular Engineering	Chemical Engineering	John	Edward	Lowd	Synthesis and Enhancement of Process Intensification Networks for Hydrogen Production	Vasilios I Manousiouthakis	Fall 2022
Chemical and Biomolecular Engineering	Chemical Engineering	Junwei		Luo	Machine Learning Modeling for Process Control and Electrochemical Reactor Operation	Panagiotis D. Christofides	Summer 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Joshua	Russell	Misa	Engineering a yeast-based platform for production of novel monoterpene indole alkaloid analogs	Yi Tang	Spring 2023
		Kelly J		Nocon	Engineering Analysis of Uncertain, Lumped Parameter, and Distributed Parameter Systems With Applications to		
Chemical and Biomolecular Engineering	Chemical Engineering				the Sustainability Over Sets Mathematical Framework Development of a novel olivetolic acid platform for the further study of the the therapeutic/pharmacological	Vasilios I Manousiouthakis	Winter 2023
Chemical and Biomolecular Engineering	Chemical Engineering	lkechukwu	Chukwuemeka	Okorafor	effects of cannabinoids	ViTang	Coring 2022
Chemical and Biomolecular Engineering	Chemical Engineering Chemical Engineering	Kangze	Chukwuemeka	Shen	Electrochemical Conversion of Greenhouse Gas Towards Value-Added Products	Yi Tang Carlos G. Morales-Guio	Spring 2023 Spring 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Ibubeleye		Somiari	Synthesis of Intensified Processes for the Production of Valuable Chemicals	Vasilios I. Manousiouthakis	Spring 2023
Chemical and Biomolecular Engineering	Chemical Engineering	Vaidish		Sumaria	Modeling transition metal surface reconstruction in CO gas environment	Philippe Sautet	Winter 2023
		* didisti		Summa			
Chemical and Biomolecular Engineering	Chemical Engineering	Sungil		Yun	First-Principles and Multiscale Modeling for Design and Operation of Atomic Layer Processing	Panagiotis D Christofides	Spring 2023
					Customization of Path and Site Response Components of Global Ground Motion Models for Application in		
Civil and Environmental Engineering	Civil Engineering	Edward	Tristan	Buckreis	Sacramento-San Joaquin Delta Region of California	Jonathan P. Stewart & Scott Branden	
Civil and Environmental Engineering	Civil Engineering	Ileana	Aracely	Callejas	Emerging Techniques in Coastal Water Quality in the US and Belize: Remote Sensing and Metagenomics	Jennifer Jay	Spring 2023
Civil and Environmental Engineering	Civil Engineering	Marisol	Alejandria	Cira	Sources, Fate, and Transport of Fecal Indicator and Antibiotic Resistant Bacteria in Coastal Environments	Jennifer Jay	Spring 2023
Civil and Environmental Engineering	Civil Engineering	Marie-Pierre	Chloe	Delisle	A high-resolution numerical investigation of beach groundwater and swash interactions	Timu Gallien	Spring 2023
	AL 1 A 1				Vehicle-Bridge Interaction element Scheme and Domain Reduction Method implementations in ABAQUS for		
Civil and Environmental Engineering	Civil Engineering	Yufeng		Dong	analyses of High-Speed Railway Structures under moving loads'.	Ertugrul Taciroglu	Summer 2023
Civil and Environmental Engineering	Civil Engineering	Yiwen		Fang	Examination of the space-time variability and uncertainty of snow water storage over the Western U.S. and Andes	Stove Margulis	Winter 2023
civil and Environmental Engineering	civil Englieering	nwen		Tang	Framework to Define Performance Requirements for Structural Component Models and Application to Reinforced		Winter 2025
Civil and Environmental Engineering	Civil Engineering	Matias Andres	Rojas	Leon	Concrete Wall Shear Strength	John Wallace	Fall 2022
Civil and Environmental Engineering	Civil Engineering	Yiming	nojus	Liu	Exploiting Interfacial Energy Transfer for Sustainable Brine Management	David Jassby	Spring 2023
Civil and Environmental Engineering	Civil Engineering	Joseph Thomas-Daniel		Lucey-Renteria	Characterizing compound coastal flood risks in urbanized communities: A Multivariate approach	Timu Gallien	Summer 2023
				,	Development of a Regional Wind Risk Assessment Framework for Wood-frame Single-family Residential Building		
Civil and Environmental Engineering	Civil Engineering	Shuochuan		Meng	Stock	Ertugrul Taciroglu	Spring 2023
Civil and Environmental Engineering	Civil Engineering	Morolake	Omolara	Omoya	Bayesian Methods for Modeling Post-Earthquake Damage and Recovery of Infrastructure	Henry Burton	Winter 2023
					Tuning Interactions Between Contaminants and Surfaces: Applications Ranging from Biological Treatment to		
Civil and Environmental Engineering	Civil Engineering	Pia	Maria	Ramos	Biofouling Prevention	Shaily Mahendra	Fall 2022
Civil and Environmental Engineering	Civil Engineering	Jacob	Rubin	Schaperow	Enabling remote-sensing based streamflow estimation at the continental scale	Steve Margulis	Spring 2023
					Earthquake Resilient Smart Cities: A Framework for Collection and Utilization of Highly Granular Field Data for		
Civil and Environmental Engineering	Civil Engineering	Aidin		Tamhidi	Seismic Performance Characterization of Soft-Story Buildings	Yousef Bozorgnia	Fall 2022

					Quantitatively Characterizing Artificial Dune Impacts on Backshore Vulnerability in Wave and Tidally Dominated		
Civil and Environmental Engineering	Civil Engineering	Maria	Alexandra	Winters	Coastal Environments	Timu Gallien	Summer 2023
Civil and Environmental Engineering	Civil Engineering	Zhenpeng		Xu	Additive Manufacturing Processes for Structural and Hybrid Architectured Materials	Mathieu Bauchy & Xiaoyu Zheng	Winter 2023
Civil and Environmental Engineering	Civil Engineering	Qi		Zhou	Decoding the genome of disordered materials	Mathieu Bauchy Richard Korf	Winter 2023 Winter 2023
Computer Science	Computer Science	Zhaoxing	Austin	Bu Davis	Hybrid Heuristic Algorithms for Single-Agent Planning and Search With Limited Memory Analytical Methods for Diagnosis and Prediction of Health Conditions	Richard Korr Maiid Sarrafzadeh	Winter 2023 Winter 2023
Computer Science	Computer Science	Tyler Licheng	Austin	Guo	Analytical Methods for Diagnosis and Prediction of Health Conditions Co-optimizing High-Level Synthesis and Physical Design for Rapid Timing Closure of Large-Scale FPGA Designs	Majid Sarratzaden Jason Cong	Fall 2023
Computer Science	Computer science	Licheng		Guo	Designing for Inclusion: Mobile Systems and Assistive Augmented Reality Solutions to Bridge the Communicatio		Fall 2022
Computer Science	Computer Science	Yunqi		Guo	Gap between Oral and Sign Language	Songwu Lu	Spring 2023
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Computer Science	Computer Science	Junheng		Hao	Incorporating Ontological Information in Knowledge Graph Learning and Empowered Interdisciplinary Application		Fall 2022
Computer Science	Computer Science	Ziniu		Hu	Make Knowledge Computable: Towards Differentiable Neural-Symbolic Al	Yizhou Sun	Spring 2023
Computer Science	Computer Science	Kuan-Hao		Huang	Building Reliable and Robust NLP Models: Enhancing Understanding of Semantically Equivalent Texts	Kai-Wei Chang	Spring 2023
Computer Science	Computer Science	Eli	Aaron	Jaffe	Prio+: Private Aggregate Statistics via Boolean Shares	Rafail Ostrovsky	Spring 2023
Computer Science	Computer Science	Baoxiong		Jia	Incorporating World Model Knowledge into Event Parsing, Prediction, and Reasoning	Song-Chun Zhu	Fall 2022
Computer Science	Computer Science	Ruth	Dolly	Johnson	Leveraging genetic and electronic health record data to understand complex traits and rare diseases	Sriram Sankararaman	Winter 2023
Computer Science	Computer Science	Kimmo	Mikael	Karkkainen	Machine Learning Methods for Personalized Healthcare	Majid Sarrafzadeh	Spring 2023
Computer Science	Computer Science	Alan	Ulfers	Litteneker	Towards Intelligent Computational Tools for Virtual Cinematography	Demetri Terzopoulos	Fall 2022
Computer Science	Computer Science	Xiaojian		Ma	A Unified Framework with Benchmarks for Human-like Visual and Relational Reasoning in the Real World	Song-Chun Zhu	Spring 2023
Computer Science	Computer Science	Jonathan	Craig	Mitchell	Adversarial Attacks and Defense using Energy-Based Image Models	Song-Chun Zhu	Fall 2022
Computer Science	Computer Science	Nadav		Rakocz	Computational Methods to Inform Healthcare Decisions at Individual and Population Levels	Sriram Sankararaman	Summer 2023
Computer Science	Computer Science	Aishwarya		Sivaraman	Ensuring Correctness of Modern Software Systems by Example	Todd Millstein	Fall 2022
Computer Science	Computer Science	Alan	Scott	Tang	Exploiting Modularity to Scale Verification of Network Router Configurations	Todd Millstein and George Varghese	
Computer Science	Computer Science	Kodi	Nicole	Taraszka	Understanding the genetic architecture of complex traits through meta-analysis	Eleazar Eskin	Fall 2022
Computer Science	Computer Science	Alexandre	Michel	Tiard	Thesis Dissertation Title Not Available	Stefano Soatto	Spring 2023
Computer Science	Computer Science	Stephanie		Tsuei	Uncertainty Calibration for Robotic Navigation and Vision	Stefano Soatto	Winter 2023
Computer Science	Computer Science	Akshay Anand		Utture	Adapting Static Analysis Tools to Meet User Expectations	Jens Palsberg	Spring 2023
Computer Science	Computer Science	Jian		Weng	Developing, Synthesizing, and Automating Decoupled-Spatial Architectures	Tony Nowatzki	Spring 2023
Computer Science	Computer Science	Xiao		Zeng	Bio-Inspired Simulation With Learning-Based Automatic Motion Control	Demetri Terzopoulos	Fall 2022
Computer Science	Computer Science	Chiao-Yueh		Zhang	Analysis of Non-IID Data through a causal lens	Judea Pearl	Summer 2023
Computer Science	Computer Science	Wenhao		Zhang	Towards Fair and Interpretable AI Healthcare predictive Models: from wearable sensors to causal graphs	Ramin Ramezani	Spring 2023
Computer Science	Computer Science	Zeyu		Zhang	Understanding Geometry and Topology Fluent for Robot Planning in Daily Scenes	Song-Chun Zhu	Winter 2023
Computer Science	Computer Science	Jinghao		Zhao	Enhancing System Resiliency for 5G and 5G IoT: A Plug-and-Play, SIM/eSIM-based Approach	Songwu Lu	Spring 2023
Computer Science	Computer Science	Dongruo		Zhou	Efficient Reinforcement Learning through Uncertainties	Quanquan Gu	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Yunhao		Ba	On Hybrid Methods that Blend Computer Vision and Physics	Achuta Kadambi	Winter 2023
P					Millimeter-Wave Channel Estimation with True-Time-Delay Arrays and Its Use for Network Performance		
Electrical and Computer Engineering	Electrical and Computer Engineering	Veliko		Boljanovic	Optimization	Danijela Cabric	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Kenny	Jieyou	Chen	Fast and Adaptive Geometric Robot Perception	Brett Lopez and Jonathan Kao	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Melikasadat	sicyou	Emami	Asymptotics of Learning in Neural Networks	Alvson Eletcher	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Chunru		Ean	Multi-Functional Photodetector Based on Graphene	Jia-Ming Liu	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	laime	Gonzalo	Flor Flores	Resolving atto-Newton forces and Femtometer Motional Displacement in Chip-Scale Cavity Optomechanics	Chee Wei Wong	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Mahdi	Gonzaio	Forghani	A Low-Power 112-Gb/s Wireline PAM4 Transmitter	Behzad Razavi	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Mostafa		Hosseini	Integrated Terahertz Transceivers in Silicon for Point-to-Point Wireless Communication	Avdin Babakhani	Fall 2023
Electrical and Computer Engineering Electrical and Computer Engineering	Electrical and Computer Engineering						
		Pawan Kumar Michael	Jonathan	Khanna Kleinman	A Low-Power 28-GHz Beamforming Receiver with On-Chip LO Synthesis On the Structure and Learning of Perceptual Representations in Deep Neural Networks	Behzad Razavi Jonathan Kao	Spring 2023 Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering		Jonathan	Li			
Electrical and Computer Engineering	Electrical and Computer Engineering	Xurong		-	Terahertz Focal-Plane Array for Terahertz Time-Domain Imaging	Mona Jarrahi	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Sida		Li	Integrated Circuits for Cardiac Pacemakers and Spaceborne Instruments	Dejan Markovic	Winter 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Yen-Ju		Lin	Label-Free Optical Mapping for Large-Area Biomechanical Dynamics of Multicellular Systems	Pei-Yu Chiou and Rob Candler	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Tairan		Liu	Deep Learning in Optical Microscopy, Holographic Imaging and Sensing	Aydogan Ozcan	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Siyuan		Liu	Millimeter Scale Magnetic Field Manipulation in MRI RF Coil and Magnetic Shielding Applications	Rob Candler	Winter 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Essalat		Mahmoud	Time-series Classification: An Application to Toothbrushing Behavior Monitoring Using Motion Sensors	Gregory Pottie	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Deniz		Mengu	Diffractive Optical Networks	Aydogan Ozcan	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Sepideh		Nouri	An Embedded Nonvolatile SRAM in Logic CMOS Process	Subramanian Iyer	Winter 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Omead		Pooladzandi	Fast Training of Generalizable Deep Neural Networks	Gregory Pottie	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Benjamin	Arnell	Pound	Miniature Magnetic Devices for Compact Particle Accelerator Applications	Rob Candler	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Wojciech	Piotr	Romaszkan	Efficient Machine Learning Acceleration at the Edge	Puneet Gupta	Winter 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Swapnil Sayan		Saha	Physics-Aware Tiny Machine Learning	Mani Srivastava	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Mojtaba		Sahraee Ardakan	Estimation and Inference in High-dimensional Models	Alyson Fletcher	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Yue		Shen	THz Time-Domain Characterization of Amplifying Quantum-Cascade Metasurface	Benjamin Williams	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Akash Deep		Singh	Deep Scene Understanding using RF and its Fusion with other Modalities	Mani Srivastava	Winter 2023
· · · · ·	· · · · · ·			-	Beam Steerable Antennas for CubeSats: Novel Synthesis Methods and Implementations of Reflectarrays and		
Electrical and Computer Engineering	Electrical and Computer Engineering	Junbo		Wang	Transmitarrays	Yahya Rahmat-Samii	Summer 2023
· · · · ·				-	Low-Complexity Decoding of Low-Density Parity Check Code Through Optimal Quantization and Machine Learni	ng	
Electrical and Computer Engineering	Electrical and Computer Engineering	Linfang		Wang	and Optimal Modulation and Coding for Short Block-Length Transmission	Richard Wesel	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Tianyi		Wang	Data-efficient Deep Learning of Dynamical Systems	Vwani Roychowdhury	Spring 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Yu-Tao		Yang	Niobium-based Superconducting Silicon Interconnect Fabric for Future Cryogenic Applications	Sabramanian Iyer	Fall 2022
Electrical and Computer Engineering	Electrical and Computer Engineering	Wenhao		Yu	An Online Hardware Scheduler for Real Time Reconfigurable Architecture	Dejan Markovic	Summer 2023
Electrical and Computer Engineering	Electrical and Computer Engineering	Tingyi		Zhou	Computing with Femtosecond Laser Pulses	Bahram Jalali	Fall 2022
					Characterization, Simulation, and Measurement of the Far Field Error Vector Magnitude of Millimeter-Wave		
Electrical and Computer Engineering	Electrical Engineering	Dustin	Connor	Brown	Antennas and Phased Arrays using Compact and Planar Near Field Ranges	Yahya Rahmat-Samii	Winter 2023
Materials Science and Engineering	Material Science and Engineering	Yousif		Alsaid	Smart Polymers Towards Next-Generation Water-Energy Nexus Technologies	Ximin He	Spring 2023
Materials Science and Engineering	Material Science and Engineering	Rajashree		Bhattacharya	Microwave Power Limiters Exploiting the Insulator to Metal Transition of Lanthanum Cobalt Oxide	Dwight Streit	Spring 2023
	material science and Engineering				Design and Optimization of Metasurface-Based Diffractive Waveguide Systems for Augmented Reality Application		3pr.116 2023
Materials Science and Engineering	Material Science and Engineering	Hyunpil		Boo	with Enhanced Optical Resolution	Chee Wei Wong	Spring 2023
Materials Science and Engineering Materials Science and Engineering	Material Science and Engineering Material Science and Engineering	John		Brewer	Engineering of Long Wave Infrared Nanophotonics	Aaswath Raman	Summer 2023
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Materials Science and Engine	Material Science and Engineeri	Muse a la la s		Chana	Development Methodologies of Wearable Disconcers for Descending Health Manual Sector	Sam Emamineiad	Summer 2022
Materials Science and Engineering	Material Science and Engineering	Xuanbing		Cheng	Development Methodologies of Wearable Biosensors for Personalized Health Monitoring Design and Fabrication of Non-Planar and Solid State Batteries		Summer 2023
Materials Science and Engineering	Material Science and Engineering	Maggie Taylor		Fox		Bruce Dunn	Summer 2023
Materials Science and Engineering	Material Science and Engineering	Sicong	fillent it	He	Defects influence plasticity in BCC High Entropy Alloys	Jaime Marian	Summer 2023
Materials Science and Engineering	Material Science and Engineering	Brea	Elizabeth	Hogan	Synthesis and Optimization of Praseodymium Telluride System Through Alloys and Composites	Bruce Dunn	Summer 2023
		Lixian		Huang	Physics-based Kinetic Monte Carlo Model for Resistive Random Access Memory Reliability Assessment and		
Materials Science and Engineering	Material Science and Engineering			-	Optimization	Ali Mosleh	Spring 2023
							Spring 2023
Materials Science and Engineering Materials Science and Engineering Materials Science and Engineering	Material Science and Engineering Material Science and Engineering	Xin Patricia Flena		Huang McNeil	Controlling thermal emission: Fundamental Mechanism and applications to water and energy technologies Transport Properties and Performance in Amorphous Silica and Amorphous Metal Oxide Materials	Aaswath Raman Bruce Dunn	Spring 2023

Mathematical and starting								
Number of the sector of th	Materials Science and Engineering	Material Science and Engineering	Theresa Mae		Stewart	Physics-based Probabilistic Failure Modeling of Non-metallic Pipelines in Oil and Gas Applications	Ali Mosleh	Summer 2023
Mind sharther Mark sharther And a			Hanxiang		Wu	Wearable Electronics for Human-Machine Interfaces Enabled by New Functional Materials	Qibing Pei	Spring 2023
Mind sharther Mark sharther And a	Materials Science and Engineering	Material Science and Engineering	Yixuan		Xu	Exploring the Crossover of Attractive Gelation and Repulsive Jamming in Dense Soft Materials	Thomas G. Mason and Bruce S. Dun	
Note of the sector of the	Materials Science and Engineering		lin		Cai			Fall 2022
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Name Note of the sector of the								
Name of the second	Materials Science and Engineering	Materials Science and Engineering	Zeyan		Liu		Yu Huang	Fall 2022
Markate of the second seco						Towards Minimally Invasive Cancer Detections through Label-free Surface Enhanced Raman Spectroscopy of		
Markate of the second seco	Materials Science and Engineering	Materials Science and Engineering	Zirui		Liu	Individual Small Extracellular Vesicles	Ya-Hong Xie	Fall 2022
March Star Star Star Star Star Star Star Star			Chiao-Yueh		10			Fall 2022
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<table-container> Marke free problem Marke</table-container>	Materials Science and Engineering	Materials Science and Engineering	Yusen		Zhao		Ximin He	Fall 2022
<table-container> Induction index index</table-container>						Receptivity of Straight Blunt Cones to Broadband Freestream Pulse Disturbances for Transition Prediction in		
International problem Internatinternatinternational problem International pro	Mechanical and Aerospace Engineering	Aerospace Engineering	Simon		He	Hypersonic Flow	Xiaolin Zhong	Fall 2022
International problem Internatinternatinternational problem International pro	Mechanical and Aerospace Engineering	Aerospace Engineering	Christopher		Ielloian	Non-Equilibrium in the Mars Entry Shock Laver Characterized via Laser Absorption Spectroscopy	Raymond M Spearrin	Fall 2022
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<table-container> Match Schwarz March S</table-container>	Mechanical and Aerospace Engineering	Aerospace Engineering			Valdarno	Pumped Loop for Space Applications	Vijay K. Dhir	Fall 2022
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Math and any starting any starting any starting any starting any starting any starti						In situ Scanning Electron Microscopy Based Uniaxial Compression of Sub-Micrometer-Size Transition-Metal		
<table-container> Index Mathem Mathem Market Market<</table-container>	Mechanical and Aerospace Engineering	Mechanical Engineering	Angel		Aleman	Carbide Single-Crystalline Pillars	Nasr Ghoniem and Suneel Kodamba	ka Spring 2023
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Mechanical and Aerospace Engineering Mechanical Engineering Ruoda Zheng Multiferroic Devices for Cell Manipulation and Acoustic Resonators Greg P Carman and Abdon E Sepulved Winter 2023	Mechanical and Aerospace Engineering Mechanical and Aerospace Engineering	Mechanical Engineering Mechanical Engineering	Henry Yuchen Hao Ryan Man Sangmin Jingke Matchew Taylor Anil Angelica Erfan Kenneth Ernest Da Wei David Jesse Matchias Stephen Jesse Erfan Junjie Michael Rahul Nathaisel Erfan Junjie Michael Rahul Nathaiel Dezhong Han Lifu Kieran Wenzhong Yan	Pradeep Richard George	Huh Jiang Lee Lee Li Lim Lim Liu McIntosh Nair Ottaviano Petola Pyle Ren Rivera Ross Schein Schwarm Schwarm Schwarm Schwarm Schwarm Schwarm Schwarm Schwarm Scheng Sheng	Electrochemical Capacitors and Batteries Cone-Jet and Emission Processes for Electrospray Thrusters via Computational Analysis Optimization studies of liquid metal systems for a fusion power reactor Energy Recycling and Management for Lower Linb Exoskeleton Mechanical Neural-Networks; Materials That Leam Their Properties and Behaviors Thermal Transport in Heterogeneous Nanostructures Discrete Differential Geometry-Based Modeling of Robots at Low Reynolds Number Thesis Dissertation Title Not Available Fundamental Study of Zinc Matrix Nanocomposite for Biomedical Applications Developing A Micromagnetic Based Theory Method at the Atomic Scale Rotating detonation rocket engine analysis with high-speed optical diagnostics Thesis Dissertation Title Not Available Human Hand Pose Estimation and Artificial Tactile Sensing in Harsh Environments Design, Modeling, and Control of an Electrostatic Suspension Platform for Thin Disks Linear stability analysis of a jet-in-crossflow Simulating Mechanical Antennas via FDTD Methods" Numerical Exploration of Kotating Detonation Rocket Engine Chamber Dynamics High Fidelity Modeling Techniques for MEMS Resonators Real-time laser absorption spectroscopy for controls applications in combustion systems Investigation of Interfacial Flow Dynamics and Mass Transfer in Multi-String Heat and Mass Exchangers for Desaination and Cooling Applications Locomotion Analysis and Control of a Miniature Bipedal Robot Modeling Ferroelectric Materials and Synthetic Jet Actuators Self-learning Neuromorphic Integrated Circuits for Autonomous Drone Navigation A Real-Time Modeling and Control of Coupled Rectifier-Inverter Circuit Having Insignificant Buffering Capacito High Frequency Goulded Wave Propagation in Layered Media Thesis Dissertation Title Not Available Printable Mechanical Autonomy Experimential and Numerical Investigation of Mixed Convection Magnetohydrodynamic (MHD) Flows for Liquid Metal Tuabio Bankets	Richard E. Wirz Sergey Smolentsev and Jeff Eldredg Jacob Rosen Jonathan Hopkins Yongije Hu Mohammad Khalid Jawed Xiaochun Li Gregory Carman R. Mitchell Spearin Veronica J Santos Robert M'Closkey Ann Karagozian and Leo Alves (UFF, Greg Carman and Yuanxun Ethan Wang Ann Karagozian Robert M'Closkey R. Mitchell Spearin Yongho Ju Dennis Hong Christopher Lynch and Gregory Carr Yong Chen Jason L. Speyer rs Tsu-Chin Tsao Ankur Mehta and Jonathan Hopkins Mohamed Abdou	Summer 2023 Spring 2023 Winter 2023 Summer 2023 Summer 2023 Summer 2023 Summer 2023 Summer 2023 Summer 2023 Spring 2023 Spring 2023 Spring 2023 Spring 2023 Winter 2023 Spring 2023 Winter 2023 Spring 2023 Winter 2023 Spring 2023 Spring 2023 Spring 2023 Spring 2023 Spring 2023 Summer 2023 Spring 2023 Summer 2023 Summe
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