# University of Idaho - Idaho Falls

Proposed Three-Year Plan of Courses

Updated 10/31/2021

Fall 2023 | Spring 2024 | Sum 2024 | Fall 2024

Check the course schedule for additional information and for web-based and video (EO) classes that may not be reflected on this list.

Actual course offerings each semester may vary. CHECK CURRENT SEMESTER COURSE SCHEDULE.

ALL courses must meet minimum enrollment requirements to be offered.

## **ACCOUNTING (ACCT)** Spring 2022 | Sum 2022 | Fall 2022 | Spring 2023 | Sum 2023 |

		BIOLOGI	CAL ENGI	NEERING	(BE)						
Subject	Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
BE	500	Master's Research & Thesis	X	Х	Х	X	Х	Х	X	Х	X
BE	599	Research	X	Х	Х	X	Х	Х	X	Х	X
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### CHEMICAL ENGINEERING (CHE)

Subject	Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
CHE	223	Material & Energy Balances									
CHE	500	Master's Research & Thesis	X	X	X	X	X	X	X	X	X
CHE	501	Seminar			X						X
CHE	504	Advanced Characterization Techniques						X			
CHE	515	Transport Phenomena (ME)	X			X			X		
CHE	517	Advanced characterization techniques			X			X			X
CHE	527	Thermodynamics (2 yr rotation, Spring semester)									
CHE	529	Chemical Engineering Kinetics ( Fall semester)			X			X			X
CHE	536	Electrochemical Engineering (2 yr rotation, Spring semester)				X					
CHE	541	Chemical Engineering Analysis I (each Spring semester)	X			X			X		
CHE	578	Treatment of Hazardous Chemical Waste									
CHE	579	Hazardous Waste Site Remediation Design (2 yr rotation, Fall semester)									
CHE	581	Haz Waste Mgmt Seminar (students take ENVS 501)									
CHE	582	Nuclear Fuel Waste & Management (NE)			X						X
CHE	590	Hydrogen Energy Systems (ME) (2 yr rotation, Fall semester)									
CHE	600	Doctoral Research & Dissertation	X	Χ	X	X	X	X	X	X	X
		CH	IEMISTRY (	CHEW)							

### CHEMISTRY (CHEM)

		Cit	LIVIISTIKT (	CITEIVI							
Subject	Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
CHEM	305	Physical Chemistry									
CHEM	463	Inorganic Chemistry									
CHEM	468	Organomettalic Chemistry									
CHEM	473	Intermediate Organic Chemistry									
CHEM	500	Master's Research & Thesis	X	X	X	X	Х	Χ	X	Х	X
CHEM	511	Seminar	X		X	X		Χ	X		X
CHEM	550	Radioanalytical Chemistry		X							
CHEM	568	Organomettalic Chemistry									
CHEM	590	Doctoral Research Proposal	X		X	X		Χ	X		X
CHEM	600	Doctoral Research & Dissertation	X	Χ	Χ	X	X	X	X	X	X
		COMPLITED SCIENCE (CS) additional			anak Fa	-:i <i>(</i>	ta.a.b				

Title

Subject Course ACCT 582

Enterprise Accounting

Under Cor	nstruction -	Check Schedule for updates COIVIPUTER SCIENCE (CS) - additional	courses of	tered thr	rougn En	gineering (	otreach				
Subject	Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
CS	404	Digital Image Processing	X	X						X	
CS	404	Convex Optimization					X				
CS	538	Network Security	X			X			X		
CS	474	Deep Learning	X		X			X			Х
CS	477	Python for Machine Learning	X			X			X		
CS	500	Master's Research & Thesis	X	X	X	X	X	Χ	X	X	X
CS	501	Seminar	X		X	X		X	X		Χ
CS	504	Special Topics	X		Х	X		X	Х		X
CS	520	Data Communication Systems			X			X			Х
CS	538	Network Security	X			X			X		
CS	577	Python for Machine Learning	X			X			X		
CS	580	Graduate Project	X	X	X	X	Х	X	Х	Х	Х
CS	600	Doctoral Research & Dissertation	X	X	X	X	Х	X	Х	Х	Х
		·	CYBER	RSECURIT	ry (CYB)	·					

Subject	Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
СҮВ	536	Advanced Information Assurance Concepts	X			X			Х		
		ELECTRICAL & COMPUTER ENGINEERING (ECE)	- additio	nal cours	es offere	d through	Engineeri	ing Outre	ach		
Subject	Course	Title	Spring 2022						Spring 2024	Sum 2024	Fall 2024
ECE	504	Industrial Controls	X								
ECE	471	Control Systems			Х						
ECE	572	Linear Systems Theory			X						
ECE	521	Power System Stability				X					
ECE	471	Control Systems						Х			
ECE		Industrial Controls						X	.,		
ECE		Advanced Frequency Domain Control							Х		V
ECE	471	Control Systems									X
ECE ECE		Estimation Theory for Signal Processing, Communications and Control Master's Research & Thesis	Х	Х	Х	X	Х	Х	Х	Х	X
ECE		Doctoral Research & Dissertation	X	X	X	X	X	X	X	X	X
ECE	000				·				۸	۸	٨
		ENGINEERING MANAGEMENT (EM) - ad				<u> </u>					
Subject		Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
EM		Engineering & Technology Management	X		V	Х		V	Х		V
EM EM	513 550	Leadership in Engineering Management	<b> </b>		X			Х			Х
EM	560	Process Improvement Methods Project Risk Management	<b> </b>	Х	X		Х			Х	
EM	570	Global Product Development	1	٨	Х		٨	Х		٨	Х
EM	580	Technical Project Management	1		X			X			X
EM	582	Adv Topics in Project Management (TM)	Х			Х			Х		
EM	596	Capstone Integration	X	Х	Х	X	Х	Х	X	Х	Х
EM	599	Research:Master's Project	X	X	X	X	X	X	X	X	X
		-	NMENTAL	SCIENCE	/ENIVC)						
Cultina.	C					C 2022	C 2022	F-II 2022	C	C 2024	F-II 2024
Subject ENVS	Course 101	Title Intro to Environmental Science (2 yr rotation, Fall semester)	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
ENVS	101	Field Activities in Environmental Science (2 yr rotation, Fall semester)		+							
ENVS	225	International Environmental Issues Seminar	Х								
ENVS	404	Special topic									
ENVS		Life Cycle Assessment (2 yr rotation, Spring semester)									
ENVS	428	Pollution Prevention (Spring semester)	Х			Х					
ENVS	429	Environmental Auditing	X								
ENVS	479	Intro to Environmental Regs (Fall semester)			Χ			Х			Х
ENVS	482	Natural Resource Policy & Law (2 yr rotation, Spring semester)				X					
Subject	Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
ENVS		Water & Energy Systems									
ENVS		History of Energy (Fall semester)			X						Х
ENVS		Energy Efficiency and Conservation (Fall semester)			Х			Х			Х
ENVS	497	Senior Research & Thesis	X	Х	Х	X	Х	Х	Х	Х	X
ENVS	498	Internship	X	Х	X	X	Х	Х	Х	Х	X
ENVS	500	Master's Research & Thesis	X	Х	X	X	X	X	X	X	X
ENVS	501	Seminar	X		X	X		Х	X		Х
ENVS	504	Special topic	X	-		X			Х		
		Il ito Cuclo Accocement 17 ur rotation Enring comector)					1		1		
ENVS		Life Cycle Assessment (2 yr rotation, Spring semester)	V						V		
ENVS ENVS	548	Drinking Water and Human Health	Х			X			X		
ENVS ENVS	548 552	Drinking Water and Human Health Environmental Philosophy	X			X X			Х		
ENVS ENVS ENVS	548 552 577	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment				X					
ENVS ENVS ENVS ENVS	548 552 577 579	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester)				X X			Х		
ENVS ENVS ENVS ENVS ENVS	548 552 577	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations				X X			Х		
ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester)		X	X	X X	X	X	Х	X	X
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester)	X	X	X	X X X	X	X	X	X	X
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation	X X X	Х	X	X X X			X		
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR	X X X IAL TECHN	X IOLOGY (	X INDT)	X X X	Х	Х	X X X	Х	Х
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR	X X X	X IOLOGY (	X INDT) Fall 2022	X X X	Х	X Fall 2023	X	Х	X Fall 2024
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR  Title Introduction to Industrial Technology (Fall semester)	X X X IAL TECHN	X IOLOGY (	X INDT)	X X X	Х	Х	X X X	Х	Х
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR	X X X IAL TECHN	X IOLOGY (	X INDT) Fall 2022	X X X X Spring 2023	Х	X Fall 2023	X X X	Х	X Fall 2024
ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600 <b>Course</b> 310 311	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR  Title Introduction to Industrial Technology (Fall semester) Problems in Industrial Technology (Spring semester)	X X X IAL TECHN	X IOLOGY (	X INDT) Fall 2022 X	X X X	Х	X Fall 2023 X	X X X	Х	X Fall 2024 X
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600 <b>Course</b> 310 311 332 333	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR  Title Introduction to Industrial Technology (Fall semester) Problems in Industrial Technology (Spring semester) Intro to Analog and Digital Electronics (Spring semester)	X X X IAL TECHN	X IOLOGY (	X INDT) Fall 2022	X X X X Spring 2023	Х	X Fall 2023	X X X	Х	X Fall 2024
ENVS ENVS ENVS ENVS ENVS ENVS ENVS ENVS	548 552 577 579 581 582 599 600 <b>Course</b> 310 311 332 333	Drinking Water and Human Health Environmental Philosophy Law, Ethics and the Environment Intro to Environmental Regs (Fall semester) Applications of Environmental Regulations Natural Resource Policy & Law (2 yr rotation, Spring semester) Research Doctoral Research & Dissertation  INDUSTR  Title Introduction to Industrial Technology (Fall semester) Problems in Industrial Technology (Spring semester) Intro to Analog and Digital Electronics (Spring semester) Industrial Electronics and Control Systems ((Fall semester)	X X X IAL TECHN	X IOLOGY (	X INDT) Fall 2022 X	X X X X Spring 2023	Х	X Fall 2023 X	X X X	Х	X Fall 2024 X

INDT	362	Behavior Based Safety (Fall semester)			X			X			X
INDT	364	Hazardous Materials (every 4th semester)			Х						X
INDT	408	Fire Safety Hazard Analysis (Fire Cert)							X		
INDT	409	Fire Suppression/Design/Detection (Fire Cert)					Х				
INDT	410	Fire Loss Control (Fire Cert)		Х				X			
INDT	411	Facilty Fire Mangament (Fire Cert)					X				
INDT	412	Fire Structural Design (Fire Cert)		X				X			
INDT	413	Community Planning & Design (Fire Cert)							X		
INDT	415	Impact of Technology on Society (Spring semester)				X					
INDT	419	Industrial sustainability analysis	X			X			X		
INDT	434	Power Generation and Distribution (Spring semester)	X			X			X		
INDT	435	Network Administration (every 4th semester)				Х			.,	.,	X
INDT	442	Systems Integration (Spring and Summer semester)	X	Х		Х	Х		X	Х	
INDT	443	Government Contract Law (Fall semester)	1		Х			X			X
INDT	444	Quality Assurance Organization & Management (every 4th semester)				X			X		
INDT	446 448	Labor Law (Spring semester)	V			Х	V				
INDT	453	Project and Program Management (every 4th semester)  Computer Integrated and Robotics Manufacturing (Spring semester)	X			V	Х		V		X
INDT	453 457		X			Х			X		
INDT	462	Lean to Green Sustainable Technology (every other Fall) Industrial Safety (Spring semester)	-			Х			Х		
INDT	462		-			Х			X		
	463 464	Industrial Transportation Safety	-		V			Х			Х
INDT		Human Performance Fundamentals (Fall semester)  Construction Safety (every 4th semester)	+		X	Х		X		Х	X
Subject	465 Course	Title	Spring 2022	Sum 2022	Fall 2022	Spring 2023	Sum 2022	Fall 2023	Spring 2024		Fall 2024
INDT	466	Human Performance Field Investigation (Spring semester)	X	3uiii 2022	Fall 2022	X	3uiii 2023	Fall 2025	X	3uiii 2024	Fall 2024
INDT	468	Applied Research in Human Performance				^			^		
INDT	469	Safety Management through LEAN Engineering Methods)									
INDT	470	Homeland Security (Fall semester)			Х			Х			X
INDT	472	National Incident Mgmt Systems (Summer semester)		Х			Х				
INDT	473	Fundamentals of Unmanned Aerial Systems	Х								
INDT	484	Industrial Technology Capstone I (Fall semester)	X		X			Х			Х
INDT	485	Industrial Technology Capstone II (Spring semester)	X			Х			Х		~
		MECHANICAL ENGINEERING (ME) - add		ircoc off	arod thro		oring O	ıtroach			
Cubicat	C					Spring 2023			Carina 2024	C 2024	Fell 2024
Subject	Course 481	Title Control Systems	Spring 2022	Sum 2022	Y X	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024 X
ME ME	500	Control Systems Master's Research & Thesis	Х	Х	X	X	Х	X	Х	X	X
ME	501	Master's Research & Thesis		^			^				
ME	301	Cominar		V			V	V			
ME	EU3	Seminar Manufacturing Systems	Х	Х	X	Х	Х	X	Х	X	X
	502 504	Manufacturing Systems	X	Х		X	Х	Х	X		
	504	Manufacturing Systems Sustain Food-Energy-Water	X X X	Х		Х	X	Х	Х		
ME	504 525	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer	X	X	X	X	X		X		Х
ME ME	504 525 527	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics	X X X	X	X	X	X	Х	X		X
ME ME ME	504 525 527 544	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer	X X X	Х	X	X X X	Х		X		Х
ME ME ME ME	504 525 527 544 546	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer	X X X	Х	X	X	Х	X X	X		X
ME ME ME ME ME	504 525 527 544 546 547	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer	X X X X		X X X	X X X		X X	X X X	х	X X X
ME ME ME ME ME ME	504 525 527 544 546	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer	X X X	X	X	X X X	X	X X	X		X
ME ME ME ME ME	504 525 527 544 546 547 599	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation	X X X X	X	X X X	X X X	X	X X X	X X X	X	X X X
ME ME ME ME ME ME ME ME	504 525 527 544 546 547 599 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation	X X X X X X IENCE & E	X X NGINEER	X X X X X XING (MS	X X X X X X X X X X X X X X X X X X X	X	X X X X	X X X	X	X X X
ME ME ME ME ME ME ME ME Subject	504 525 527 544 546 547 599 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC Title	X X X X X X X IENCE & E Spring 2022	X X NGINEER	X X X X X XING (MS	X X X X X X E) Spring 2023	X	X X X X	X X X	X	X X X
ME	504 525 527 544 546 547 599 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE)	X X X X X X IENCE & E	X X NGINEER	X X X X X X RING (MS	X X X X X X X X X X X X X X X X X X X	X	X X X X	X X X	X	X X X
ME M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE)	X X X X X X X IENCE & E Spring 2022 X	X X NGINEER Sum 2022	X X X X X X SING (MS Fall 2022	X X X X X E) Spring 2023	X	X X X X	X X X	X	X X X
ME M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis	X X X X X X X X IENCE & E Spring 2022 X X	X X NGINEER	X X X X X X RING (MS	X	X	X X X X	X X X	X	X X X
ME M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative Heat Transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE)	X X X X X X X IENCE & E Spring 2022 X	X X NGINEER Sum 2022	X X X X X X X X X X RING (MS Fall 2022	X X X X X E) Spring 2023	X	X X X X	X X X	X	X X X
ME MSE MS	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE)	X X X X X X X X IENCE & E Spring 2022 X X	X X NGINEER Sum 2022	X X X X X X SING (MS Fall 2022	X	X	X X X X	X X X	X	X X X
ME M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538 550	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE)	X X X X X X X X X X X IENCE & E Spring 2022 X X X X	X X NGINEER Sum 2022	X X X X X X X X RING (MS Fall 2022 X X X	X	X	X X X X	X X X	X	X X X
ME MSE MS	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Doctoral Research & Dissertation	X X X X X X X X X X X X X X X X X X X	X X X NGINEER Sum 2022	X X X X X X X X RING (MS Fall 2022 X X X X	X	X	X X X X	X X X	X	X X X
ME ME ME ME ME ME ME ME ME MSE MSE MSE M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538 550	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Doctoral Research & Dissertation	X X X X X X IENCE & E Spring 2022 X X X X X X AR ENGINE	X X NGINEER Sum 2022 X X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X	X X X X X X	X X X X  X	X X X	X X X
ME MSE MSE MS	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538 550	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA	X X X X X X X X X X X X X X X X X X X	X X NGINEER Sum 2022 X X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X	X X X X	X X X	X X X	X X X
ME ME ME ME ME ME ME ME ME MSE MSE MSE M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538 550 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Convective Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Muster's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation	X X X X X X IENCE & E Spring 2022 X X X X X X AR ENGINE	X X NGINEER Sum 2022 X X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X	X X X X X X	X X X X  X	X X X	X X X
ME MSE MSE MS	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 537 538 550 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA  Title Radiation Effects on Materials (MSE) Fundamentals of Nuclear Materials (MSE)	X X X X X X IENCE & E Spring 2022 X X X AR ENGINE Spring 2022	X X NGINEER Sum 2022 X X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X	X X X X X X	X X X X	X X X	X X X
ME MSE MSE MS	504 525 527 544 546 547 599 600 <b>Course</b> 437 538 550 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative heat Transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA  Title Radiation Effects on Materials (MSE) Principles of Nuclear Materials (MSE) Fundamentals of Nuclear Materials (MSE)	X X X X X X IENCE & E Spring 2022 X X X AR ENGINE Spring 2022	X X NGINEER Sum 2022 X X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X	X X X X X X Fall 2023	X X X X	X X X	X X X X Fall 2024
ME M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 550 600 <b>Course</b> 437 438	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA  Title Radiation Effects on Materials (MSE) Fundamentals of Nuclear Materials (MSE)	X X X X X X IENCE & E Spring 2022 X X X AR ENGINE Spring 2022	X X NGINEER Sum 2022 X X EERING (I	X X X X X X SING (MS Fall 2022 X X X X X X X X X X X X X X X X X X	X	X	X X X X X X A X X X X X X X X X X X X X	X X X X	X X X	X X X X X
ME ME ME ME ME ME ME ME ME MSE MSE MSE M	504 525 527 544 546 547 599 600 <b>Course</b> 437 438 500 <b>Course</b> 437 438 450	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE)  Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA  Title Radiation Effects on Materials (MSE) Principles of Nuclear Materials (MSE)  Fundamentals of Nuclear Materials (MSE) Principles of Nuclear Engineering Master's Research & Thesis Special topic	X X X X X X X X X X X X X Spring 2022 X X X X X X X X X X X X X X X X X X	X X X NGINEER Sum 2022  X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X X X	X X X X X Last Se	X X X X	X X X X Sum 2024	X X X X X X X X X X X X X X X X X X X
ME ME ME ME ME ME ME ME ME MSE MSE MSE M	504 525 527 544 546 547 599 600  Course 437 438 500 600  Course 437 438 450 500	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA  Title Radiation Effects on Materials (MSE) Principles of Nuclear Materials (MSE) Fundamentals of Nuclear Materials (MSE) Principles of Nuclear Engineering Master's Research & Thesis	X X X X X X X X X X X X X Spring 2022 X X X AR ENGINE Spring 2022 X X X X X X X X X X X X X X X X X X	X X X NGINEER Sum 2022  X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X X X	X X X X X Last Se	X X X X X	X X X X Sum 2024	X X X X X X X X X X X X X X X X X X X
ME ME ME ME ME ME ME MSE MSE MSE MSE MSE	504 525 527 544 546 547 599 600  Course 437 438 500 600  Course 437 438 550 600	Manufacturing Systems Sustain Food-Energy-Water Advanced heat transfer Thermodynamics Conduction Heat Transfer Radiative Heat Transfer Radiative heat transfer Master's Non-thesis Research Doctoral Research & Dissertation  MATERIALS SC  Title Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE) Master's Research & Thesis Radiation Effects on Materials (NE) Fundamentals of Nuclear Materials (NE)  Nuclear Reactor Fuels (NE) Doctoral Research & Dissertation  NUCLEA  Title Radiation Effects on Materials (MSE) Principles of Nuclear Materials (MSE)  Fundamentals of Nuclear Materials (MSE) Principles of Nuclear Engineering Master's Research & Thesis Special topic	X X X X X X X X X X X X X Spring 2022 X X X AR ENGINE Spring 2022 X X X X X X X X X X X X X X X X X X	X X X NGINEER Sum 2022  X EERING (I	X X X X X X X X X X X X X X X X X X X	X	X X X	X X X X X Last Se	X X X X X	X X X X Sum 2024	X X X X X X X X X X X X X X X X X X X

NE	516	Nuclear Rules and Regulations (TM)		X						X	
NE	520	Thermalhydraulics of Nuclear Power Plants			Х			Х			X
NE	524	Heat Exchanger Design	Х						Х		
NE	527	Nuclear Material Storage, Transportation and Disposal				X					
NE	528	Management of Nuclear Facilities (TM 538)			Х						X
NE	529	Risk Assessment (TM)	Х						Х		
NE	530	Two Phase Flow				X					
NE	533	Monte Carlo Methods			•		as needed				
NE	535	Nuclear Criticality Safety I (TM)			Х						X
NE	537	Radiation Effects on Materials (MSE)	Х								
NE	538	Fundamentals of Nuclear Materials (MSE)			Х			Х			X
NE	544	Reactor Analysis - Statics and Kinetics							Х		
NE	548	Modeling of Thermal and Chemical Systems				X					
NE	550	Nuclear Reactor Fuels			X						X
NE	554	Radiation Detection & Shielding (TM)	X			X			X		
NE	555	Nuclear Criticality Safety II				X					
NE	575	Advanced Nuclear Power Engineering Capstone	X			X			X		
NE	582	Spent Nuclear Fuel Mgmt & Disposition (CHE)			X						X
NE	585	Nuclear Fuel Cycles						X			
NE	587	Nuclear Decommissioning						X			
NE	599	Master's Non-thesis Research	Х	Х	Х	X	X	X	Х	X	X
NE	600	Doctoral Research & Dissertation	X	X	Х	X	X	X	Х	Х	X
		PLA	NT SCIENC	CE (PLSC)							
Subject	Course	Title	Spring 2022		Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
PLSC	500	Master's Research & Thesis	X	X	X	X	X	X	X	X	X
PLSC	501	Seminar	Х	Х	Х	Х	Х	Х	Х	Х	Х
PLSC	600	Doctoral Research & Dissertation	Х	Х	Х	Х	Х	Х	Х	Х	Х
		STATISTICS (STAT) - course	os offered	through	Engineer	ing Outros	ch		•		
Subject	Course	Title	Spring 2022					Fall 2023	Spring 2024	Cum 2024	Fall 2024
STAT	431	Statistical Analysis	EO	EO	EO	EO	EO EO	EO	EO		EO
SIAI											
	731	•				EU	LU	EU	EU	EO	LO
	431	TECHNO	LOGY MA	NAGEME	NT				!	-	LO
Subject	Course	TECHNO Title	LOGY MA	NAGEME Sum 2022	NT Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024
Subject TM	Course 500	TECHNO Title Master's Research & Thesis	LOGY MA	NAGEME	Fall 2022			Fall 2023 X	!	-	Fall 2024 X
Subject TM TM	<b>Course</b> 500 510	TECHNO  Title  Master's Research & Thesis Technology Management Fundamentals	LOGY MA	NAGEME Sum 2022	Fall 2022	Spring 2023	Sum 2023	Fall 2023	Spring 2024	Sum 2024	Fall 2024 X X
Subject TM TM	<b>Course</b> 500 510 513	TECHNO  Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE)	LOGY MA	NAGEME Sum 2022	Fall 2022	Spring 2023	Sum 2023 X	Fall 2023 X	Spring 2024	Sum 2024	Fall 2024 X
Subject TM TM TM TM	Course 500 510 513 514	TECHNO Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE)	LOGY MA	NAGEME Sum 2022	Fall 2022	Spring 2023 X	Sum 2023	Fall 2023 X	Spring 2024	Sum 2024	Fall 2024 X X
Subject TM TM TM TM	Course 500 510 513 514 515	TECHNO Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM)	LOGY MA	NAGEME Sum 2022 X	Fall 2022	Spring 2023	Sum 2023 X	Fall 2023 X	Spring 2024	Sum 2024 X	Fall 2024 X X
Subject TM TM TM TM TM	Course 500 510 513 514 515 516	TECHNO Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE)	Spring 2022	NAGEME Sum 2022	Fall 2022	Spring 2023 X	Sum 2023 X	Fall 2023 X	Spring 2024 X	Sum 2024	Fall 2024 X X
Subject TM	Course 500 510 513 514 515 516 519	TECHNO  Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis	LOGY MA	NAGEME Sum 2022 X	Fall 2022 X X X	Spring 2023 X	Sum 2023 X	Fall 2023 X X	Spring 2024	Sum 2024 X	Fall 2024 X X X
Subject TM TM TM TM TM TM TM TM	500 510 513 514 515 516 519 520	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution	Spring 2022	NAGEME Sum 2022 X	Fall 2022 X X X X	Spring 2023 X	Sum 2023 X	Fall 2023 X X	Spring 2024 X	Sum 2024 X	Fall 2024 X X X X
Subject TM	500 510 513 514 515 516 519 520	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning	Spring 2022 X	NAGEME Sum 2022 X	Fall 2022 X X X	Spring 2023 X X X	Sum 2023 X	Fall 2023 X X	Spring 2024 X	Sum 2024 X	Fall 2024 X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning	Spring 2022	NAGEME Sum 2022 X	Fall 2022 X X X X	Spring 2023 X	Sum 2023 X	Fall 2023 X X X	Spring 2024 X	Sum 2024 X	Fall 2024 X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation	LOGY MA Spring 2022 X  X	NAGEME Sum 2022 X	Fall 2022 X X X X	Spring 2023 X X X	Sum 2023 X	Fall 2023 X X	X X X	Sum 2024 X	Fall 2024 X X X X
Subject TM	500 510 513 514 515 516 519 520 525 526 528 529	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE)	Spring 2022 X	NAGEME Sum 2022 X	Fall 2022 X X X X	Spring 2023 X X X	Sum 2023 X	Fall 2023 X X X X	Spring 2024 X	Sum 2024 X	Fall 2024 X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards	LOGY MA Spring 2022 X  X	NAGEME Sum 2022 X	Fall 2022 X X X X	Spring 2023 X X X	Sum 2023 X	Fall 2023 X X X	X X X	Sum 2024 X	Fall 2024  X  X  X  X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards	X X	NAGEME Sum 2022 X	Fall 2022 X X X X	Spring 2023 X X X	Sum 2023 X	Fall 2023 X X X X	X X X X	Sum 2024 X	Fall 2024 X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534 535	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards	LOGY MA Spring 2022 X  X	NAGEME Sum 2022 X	Fall 2022 X X X X	X X X	Sum 2023 X	Fall 2023 X X X X	X X X	Sum 2024 X	Fall 2024  X  X  X  X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534 535	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE)	X X	NAGEME Sum 2022 X	Fall 2022 X X X X X X	X X X	Sum 2023 X	Fall 2023 X X X X	X X X X	Sum 2024 X	Fall 2024 X X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534 535 538	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall)	X X	NAGEME Sum 2022 X	Fall 2022 X X X X X X	X X X X	Sum 2023 X	Fall 2023 X X X X	X X X X	Sum 2024 X	Fall 2024 X X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534 535 538 552	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC)	X  X  X	NAGEMB Sum 2022 X	Fall 2022 X X X X X X X X	X X X X X	X X	Fall 2023 X X X X X X	X  X  X  X	X X	Fall 2024 X X X X X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534 535 538 552 596	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC) Capstone Integration Research	X  X  X  X  X  X  X	X  X  X  X	Fall 2022 X X X X X X X X X X	X  X  X  X  X  X  X  X  X  X  X  X  X	X X X X X X X X X X X X X X X X X X X	Fall 2023 X X X X X X X	X  X  X  X  X	X X X X X	Fall 2024 X X X X X X X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 529 533 534 535 538 552 596 599	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC) Capstone Integration Research	X  X  X  X  X  X  X  X  X  X  X  X  X	X X X RCES (WI	Fall 2022   X	X X X X X X X X X X X X X X X X X X X	X X X X X	X X X X X X	X  X  X  X  X  X  X	X X X X X	Fall 2024 X X X X X X X X X
Subject TM	Course 500 510 513 514 515 516 519 520 525 526 528 528 528 533 534 535 538 552 596 599	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC) Capstone Integration Research  WATE	X  X  X  X  X  X  X  X  X  Spring 2022	X X X X RCES (WI	X X X X X X X X X X X X X X X X X X X	X  X  X  X  X  X  Spring 2023	X X X X X X X X X X X X X X X X X X X	Fall 2023   X	X  X  X  X  X  X  Spring 2024	X X X X X Sum 2024	Fall 2024  X  X  X  X  X  X  X  Fall 2024
Subject TM	Course 500 513 514 515 516 519 520 525 526 528 528 533 534 535 538 552 596 599	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC) Capstone Integration Research  WATE Title Master's Research & Thesis	X  X  X  X  X  X  X  X  X  X  X  X  X	X X X RCES (WI	X  X  X  X  X  X  X  X  X  X  X  X  X	X X X X X X X X X X X X X X X X X X X	X X X X X	Fall 2023   X	X  X  X  X  X  X  X	X X X X X	X X X X X X X X X X X X X X X X X X X
Subject TM	Course 500 513 514 515 516 519 520 525 526 528 528 533 534 535 538 552 596 599	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC) Capstone Integration Research  WATE  Title  Master's Research & Thesis Seminar	X  X  X  X  X  X  X  X  X  X  X  X  X	X X X X RCES (WI Sum 2022 X	X  X  X  X  X  X  X  X  X  X  X  X  X	X  X  X  X  X  X  Spring 2023  X  X	X X X X X X X X X X X X X X X X X X X	Fall 2023   X	X  X  X  X  X  X  X  Spring 2024	X X X X Sum 2024 X	X X X X X X X X X X X X X X X X X X X
Subject TM	Course 500 513 514 515 516 519 520 525 526 528 528 533 534 535 538 552 596 599	Title  Master's Research & Thesis Technology Management Fundamentals Nuclear Criticality Safety (NE) Nuclear Safety (NE) Adv Topics in Project Management (EM) Nuclear Rules & Regulations (NE) Industrial Sustainability Analysis Leadership and Conflict Resolution Emergency Management & Planning Community Emergency Planning Accident Investigation Risk Assessment (NE) Chemical Hazards Biohazards Radiation Detection and Measurement (NE) Management of Nuclear Facilities (every other Fall) Industrial Ergonomics (PSYC) Capstone Integration Research  WATE Title Master's Research & Thesis	X  X  X  X  X  X  X  X  X  Spring 2022	X X X X RCES (WI	X  X  X  X  X  X  X  X  X  X  X  X  X	X  X  X  X  X  X  Spring 2023	X X X X X X X X X X X X X X X X X X X	Fall 2023   X	X  X  X  X  X  X  Spring 2024	X X X X X Sum 2024	X X X X X X X X X X X X X X X X X X X