

University of Oklahoma Degree Program Inventory

Gallogly College of Engineering

November 2024

Level I	Level II	Level III			Level IV			Level V		Online		
Degree as referenced in State Regents' policy	Degree designation as it appears in the catalog or on a diploma. Appears in abbreviated form on the student transcript.	Title of degree program as recognized by State Regents and as signed OSRHE program code			Specialized course of study under an umbrella degree program (referred to as an option in OSRHE policy and a major in the OU catalog). Appears in abbreviated form on the transcript in semester header.			Area of concentration or track within the major (requires approval at the campus-level only)		OSRHE Approved	OSRHE 100%	HLC >50%
		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
Bachelor of Science - BS	Bachelor of Science	128	131309	Industrial Education		Industrial Education	deleted 1979/1980					
		162	142001	Metallurgical Engineering		Metallurgical Engineering	deleted 1985/1986					
		178	142301	Nuclear Engineering		Nuclear Engineering	deleted 1985/1986					
	Bachelor of Science in Aerospace Engineering	005	140201	Aerospace Engineering	B010	Aerospace Engineering	degree change 2020					
	Bachelor of Science in Architectural Engineering	357	140401	Architectural Engineering	B035	Architectural Engineering	approved 6/30/05; degree change 2020					
	Bachelor of Science in Biomedical Engineering	413	140501	Biomedical Engineering	B108	Biomedical Engineering	approved 9/3/15; degree change 2020					
	Bachelor of Science in Chemical Engineering	030	140701	Chemical Engineering	B160	Chemical Engineering	degree change 2020					
					B162	Materials Option	deleted 1/29/15					
					I087 B163	Pre-Medicine Option Pre-Medical/Biomedical Engineering Pre-Medical	modified 5/04; option name change 9/3/20					
					B161 B164	Biotechnology Elective Option Bioengineering	option name change 9/3/20					
					B165	Chemical Engineering Sustainability	approved 2/3/22					
	Bachelor of Science in Civil Engineering	037	140801	Civil Engineering	B190	Civil Engineering	degree change 2020					
	Bachelor of Science in Computer Engineering	332	140901	Computer Engineering	B225	Computer Engineering	approved 6/28/96; degree change 2020					
	Bachelor of Science in Computer Science	233	110701	Computer Science	B235	Computer Science	degree change 2020					
	Bachelor of Science in Electrical Engineering	059	141001	Electrical Engineering	B350	Standard Option	degree change 2020					
					I079	Computer Option	deleted 1/28/97					
		520	303001	Engineering Analytics	B365	Engineering Analytics	approved 9/5/24					
	Bachelor of Science in Environmental Engineering	331	141401	Environmental Engineering	B390	Environmental Engineering	approved 12/94; degree change 2020					
	Bachelor of Science in Environmental Science	075	030104	Environmental Science	B405	Environmental Science	degree change 2020					
	Bachelor of Science in Engineering Physics	071	141201	Engineering Physics	B372	Engineering Physics	degree change 2020					

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
	Bachelor of Science in Industrial Engineering in Industrial and Systems Engineering	129	143501	Industrial Engineering-Industrial and Systems Engineering	B525 B524	Industrial Engineering	name changed 3/7/14; degree change 2020					
					B526 B529	Information Technology Analytics	approved 3/30/01; option name changed 5/30/14					
					B527 B528	Pre-Medicine	approved 6/11/03;					
	Bachelor of Science in Mechanical Engineering	158	141901	Mechanical Engineering	B675	Mechanical Engineering	degree change 2020					
					B676	Pre-Med Elective Pattern						
Bachelor of Specialty-B(S)	Bachelor of Science in Engineering	065	140101	Engineering	B370	Individualized Plan	suspended 4/22/16; deleted 3/4/21					
					I085	Environmental Engineering-Plan	approved 3/93; deleted 5/27/16					
					I082	Large Systems Plan	deleted 5/27/16					
					I084	Pre-Architecture Plan	deleted 5/27/16					
					I083	Pre-Med Plan	deleted 5/27/16					
	Bachelor of Science in Geological Engineering	091	143901	Geological Engineering	I090	Geological Engineering	transferred to College of Earth & Energy 1/1/06; suspended 1/29/02					
	Bachelor of Science in Petroleum Engineering	182	142501	Petroleum Engineering	I008	Petroleum Engineering	transferred to College of Earth & Energy 1/1/06					
Certificate	Certificate	512	140701	Bioprocessing	T045	Bioprocessing	approved 3/15/24					
		464	303001	Data Science and Analytics	T103	Data Science and Analytics	approved 10/22/20				✓	
		149	140101	Engineering Leadership	T150	Engineering Leadership	approved 9/5/19					
					T151	Engineering Leadership: Sustainability	Option approved 9/8/22; option name changed					
		527	110701	Machine Learning and Artificial Intelligence	T405	Machine Learning and Artificial Intelligence	approved 11/21/24					

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name				
Master of Science - MS	Master of Science	006	140201	Aerospace Engineering	M010	Aerospace Engineering		Q026	Aerodynamics				
								Q028	Aerospace Engineering-General				
								Q136	Composites				
								Q256	Fluid Mechanics				
								Q631	Structures				
			500	110701	Applied Computing	M028	Applied Computing	approved 9/7/23					
			353	140501	Bioengineering Biomedical Engineering	M110 M109	Bioengineering Biomedical Engineering	approved 6/30/03; name changed 5/30/14					
			031	140701	Chemical Engineering	M160	Chemical Engineering						
			038	140801	Civil Engineering	M190	Civil Engineering	conc. added 3/23/23; Transportation Eng. Added 11/15/24	Q282	Geotechnical Engineering			
									Q634	Structural Engineering			
									Q657	Transportation Engineering			
									Q698	Water Resources Engineering			
						M191	Civil Engineering-OL	approved 3/15/18; conc. added 3/23/23	Q283	Geotechnical Engineering-OL	✓	✓	✓
									Q635	Structural Engineering-OL	✓	✓	✓
					Q658				Transportation Engineering-OL	✓	✓	✓	
					Q699				Water Resources Engineering-OL	✓	✓	✓	
		132	110701	Computer Science	M235	Computer Science	approved 5/28/04	Q146	General/Standard				
											Q061	Bioinformatics	
					M236	Computer Science-OL	approved 3/4/21	Q146	General/Standard	✓	✓	✓	
		406	303001	Data Science and Analytics	M267	Data Science and Analytics	approved 4/9/15						
											M268	Data Science and Analytics-OL	
		060	141001	Electrical Engineering Electrical and Computer Engineering	L005 M350	Electrical Engineering Electrical and Computer Engineering	modified 4/1/04	Q211	Standard				
										approved 5/14/01 deleted 3/8/13	Q216	Electrical Energy Production and Risk Management	

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
							approved 4/1/04; deleted 3/8/13	Q342	Industrial Internship- (non-thesis)			
		066	140101	Engineering	M370	Engineering	concentration added 5/12/14	Q170	Data Science and Analytics			
								Q234	Engineering Standard			
		490	151501	Engineering Leadership and Management	M373	Engineering Leadership and Management	approved 2/14/23					
					M374	Engineering Leadership and Management-OL					✓	✓
		072	141201	Engineering Physics	M372	Engineering Physics						
	Master of Science in Environmental Engineering	348	141401	Environmental Engineering	M390	Environmental Engineering	approved 4/4/03; degree change 2020					
		092	143901	Geological Engineering	M470	Geological Engineering	transferred to College of Earth & Energy 1/1/06					
		130	143501	Industrial Engineering-Industrial and Systems Engineering	M525 M524	Industrial Engineering-Industrial and Systems Engineering	areas of conc. deleted 5/23/12; name changed 9/6/12	Q341	Thesis track			
								Q231	Engineering Management			
					M527	Industrial and Systems Engineering-OL	approved 3/4/21			✓	✓	✓
		159	141901	Mechanical Engineering	M675	Mechanical Engineering		Q448	Mechanical Engineering General			
								Q126	Combustion			
								Q151	Controls			
								Q256	Fluid Mechanics			
								Q321	Heat Transfer			
								Q618	Solid Mechanics			
		163	142001	Metallurgical Engineering	L034	Metallurgical Engineering	deleted 8/16/94					
		179	142301	Nuclear Engineering	L069	Nuclear Engineering	deleted 6/21/93					
		183	142501	Petroleum Engineering		Petroleum Engineering	transferred to College of Earth & Energy 1/1/06					

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		489	303301	Sustainability - Energy and Materials Management	M868	Sustainability - Energy and Materials Management	approved 2/14/23					
					M869	Sustainability - Energy and Materials Management-OL					✓	✓
	Master of Science in Telecomputing-Telecommunications Systems in Telecommunications-Engineering	339	110901 141004	Telecomputing-Telecommunications Systems-Telecommunications-Engineering	L006 M860	Telecomputing Engineering Telecommunications-Engineering	modified 6/27/02-5/25/07; option name change 3/23/17; degree change 2020; deleted 2/3/22	Q651	Non-thesis Track			
							approved 5/25/07	Q652	Thesis Track			
					L032	Telecomputing Management	deleted 5/25/07					
Master of Specialty - M(S)	Master of Environmental Science	076	030104	Environmental Science	M405	Environmental Science						
					M518	Hydrology and Water Security-OL	approved 4/26/18; conc. added 3/23/23	Q702	Water Management	✓	✓	✓
								Q703	Water Quantity	✓	✓	✓
								Q704	Water Quality	✓	✓	✓
	Master of Science in Natural Gas Engineering and Management	344	142501	Natural Gas Engineering and Management	M745	Natural Gas Engineering and Management	transferred to College of Earth & Energy 1/1/06					
Graduate Certificate	Graduate Certificate	511	140701	Bioprocessing	G245	Bioprocessing (Embedded)	approved 3/15/24					
		448	303001	Data Science and Analytics	G302	Data Science and Analytics (Embedded)	Approved 6/28/18					
					G303	Data Science and Analytics (Embedded)-OL					✓	✓
Doctor of Philosophy- Ph. D.	Doctor of Philosophy	007	140201	Aerospace Engineering	D010	Aerospace Engineering		R026	Aerodynamics			
								R028	Aerospace Engineering General			
								R136	Composites			
								R256	Fluid Mechanics			
								R631	Structures			

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		354	140501	Bioengineering Biomedical Engineering	D110 D109	Bioengineering Biomedical Engineering	approved 6/30/03; name changed 5/30/14					
		363	261501	Cellular and Behavioral Neurobiology	D145	Cellular and Behavioral Neurobiology: Aerospace & Mechanical Engineering	approved 6/28/07					
		032	140701	Chemical Engineering	D160	Chemical Engineering						
		039	140801	Civil Engineering	D190	Civil Engineering						
		133	110701	Computer Science	D235	Computer Science		R146	General/Standard			
							approved 5/28/04	R061	Bioinformatics			
		475	303001	Data Science and Analytics	D272	Data Science and Analytics	approved 5/28/21					
					D273	Data Science and Analytics-OL				✓	✓	✓
		061	141001	Electrical Engineering Electrical and Computer Engineering	O020 D350	Electrical Engineering Electrical and Computer Engineering	modified 4/1/04					
		067	140101	Engineering	D370	Engineering	concentration added 10/8/14	R232	Engineering Standard			
								R230	Engineering Education			
		073	141201	Engineering Physics	D372	Engineering Physics						
		349	141401	Environmental Engineering	D390	Environmental Engineering	approved 4/4/03					
		077	030104	Environmental Science	D405	Environmental Science						
		093	143901	Geological Engineering	O022	Geological Engineering	transferred to College of Earth & Energy 1/1/06					
		131	143501	Industrial Engineering Industrial and Systems Engineering	D525 D526	Industrial Engineering Industrial and Systems Engineering	name changed 5/31/13					
		519	141801	Materials Science and Engineering	D665	Materials Science and Engineering	approved 9/5/24					
		160	141901	Mechanical Engineering	D675	Mechanical Engineering		R126	Combustion			
								R151	Controls			
								R256	Fluid Mechanics			
								R321	Heat Transfer			
								R448	Mechanical Engineering General			
								R621	Solid Mechanics			

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		164	142001	Metallurgical Engineering	O023	Metallurgical Engineering	deleted 8/16/94					
		180	142301	Nuclear Engineering		Nuclear Engineering	deleted 6/21/93					
		184	142501	Petroleum Engineering		Petroleum Engineering	transferred to College of Earth & Energy 1/1/06					
Doctor of Specialty	Doctor of Engineering	266	140201	Aerospace Engineering	O018	Aerospace Engineering	deleted 8/16/94					
		271	140701	Chemical Engineering		Chemical Engineering	deleted 8/16/94					
		273	140801	Civil Engineering		Civil Engineering	deleted 8/16/94					
		296	110101	Computer Science		Computer Science	deleted 8/16/94					
		282	141001	Electrical Engineering	O020	Electrical Engineering	deleted 8/16/94					
		284	140101	Engineering		Engineering	deleted 4/1/05					
		285	141201	Engineering Physics		Engineering Physics	deleted 8/16/94					
		286	030104	Environmental Science		Environmental Science	deleted 8/16/94					
		290	143901	Geological Engineering	O022	Geological Engineering	deleted 8/16/94					
		295	143501	Industrial Engineering		Industrial Engineering	deleted 8/16/94					
		304	141901	Mechanical Engineering	O021	Mechanical Engineering	deleted 8/16/94					
		326	142001	Metallurgical Engineering		Metallurgical Engineering	deleted 8/16/94					
		307	142301	Nuclear Engineering		Nuclear Engineering	deleted 6/21/93					
		308	142501	Petroleum Engineering	O019	Petroleum Engineering	deleted 8/16/94					