University of Oklahoma Degree Program Inventory

Gallogly College of Engineering

July 2025

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					
		515	110102	~~Artificial Intelligence~~ Applied Artificial Intelligance	B026	~~Artificial Intelligence~~ Applied Artificial Intelligence	approved 5/31/24; program name change 9/19/24; moved from PI to Engineering 7/1/25			✓		
	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					
		496	111003	Cybersecurity	B264	Cybersecurity	approved 5/26/23; moved from PI to Engineering 7/1/25					
	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					

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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 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					
	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						
		516	110201	Software Development and Integration	B846	Software Development and Integration	approved 5/31/24; moved from PI to Engineering 7/1/25			✓		
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			✓		

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		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					
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			
		532	110102	Applied Artificial Intelligence	M023	Applied Artificial Intelligence	approved 2/6/25 (added to COE Fall 2025); moved from PI to Engineering 7/1/25					
					M024	Applied Artificial Intelligence-OL				✓	✓	✓
		500	110701	Applied Computing	M028	Applied Computing	approved 9/7/23					
					M029	Applied Computing-OL				✓	✓	✓
		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	✓	✓	✓

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		132	110701	Computer Science	M235	Computer Science		Q146	General/Standard			
							approved 5/28/04	Q061	Bioinformatics			
					M236	Computer Science-OL	approved 3/4/21	Q146	General/Standard	✓	✓	✓
		534	111003	Cybersecurity	M261	Cybersecurity	approved 2/6/25 (added to COE Fall 2025); moved from PI to Engineering 7/1/25					
					M262	Cybersecurity-OL				✓	✓	✓
		533	111003	Cybersecurity Leadership	M263	Cybersecurity Leadership	approved 2/6/25 (added to COE Fall 2025); moved from PI to Engineering 7/1/25					
					M264	Cybersecurity Leadership-OL				✓	✓	✓
		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~~			
							~~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					

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		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					
		535	110201	Software Development and Integration	M847	Software Development and Integration	approved 2/6/25 (added to COE Fall 2025); moved from PI to Engineering 7/1/25					
					M848	Software Development and Integration-OL				✓	✓	✓
		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					

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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 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	540	141901	Advanced Metal Additive Manufacturing	G605	Advanced Metal Additive Manufacturing	Approved 6/16/25					
					G606	Advanced Metal Additive Manufacturing-OL95				✓	✓	✓
		511	140701	Bioprocessing	G245	Bioprocessing (Embedded)	approved 3/15/24					
					G246	Bioprocessing (Embedded)-OL90	Online delivery approved 6/13/25			✓	✓	✓
		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			
		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						

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
		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			
		~~164~~	~~142001~~	~~Metallurgial 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					

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concen-tration Code	Concentration Name			
		~~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					