

**University of Oklahoma Degree Program Inventory**

**Gallogly College of Engineering**

December 2020

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					
					<del>I087</del> B163	<del>Pre-Medicine Option</del> <del>Pre-Medical/Biomedical Engineering</del> Pre-Medical	modified 5/04; option name change 9/3/20					
					<del>B161</del> B164	<del>Biotechnology Elective Option</del> Bioengineering	option name change 9/3/20					
					<del>B162</del>	<del>Materials Option</del>	deleted 1/29/15					
	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					
					<del>I079</del>	<del>Computer Option</del>	deleted 1/28/97					
	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 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 Industrial Engineering in Industrial and Systems Engineering	129	143501	<del>Industrial Engineering</del> 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					
					<del>I085</del>	<del>Environmental Engineering Plan</del>	approved 3/93; deleted 5/27/16					
					<del>I082</del>	<del>Large Systems Plan</del>	deleted 5/27/16					
					<del>I084</del>	<del>Pre-Architecture Plan</del>	deleted 5/27/16					
					<del>I083</del>	<del>Pre-Med Plan</del>	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	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					
Master of Science - MS	Master of Science	006	140201	Aerospace Engineering	M010	Aerospace Engineering		Q026	Aerodynamics			

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
								Q028	Aerospace Engineering-General			
								Q136	Composites			
								Q256	Fluid Mechanics			
								Q631	Structures			
		353	140501	<del>Bioengineering</del> Biomedical Engineering	M110 M109	<del>Bioengineering</del> 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						
					M191	Civil Engineering-OL	approved 3/15/18			✓	✓	✓
		132	110701	Computer Science	M235	Computer Science		Q146	General/Standard			
							approved 5/28/04	Q061	Bioinformatics			
		406	303001	Data Science and Analytics	M267	Data Science and Analytics	approved 4/9/15					
					M268	Data Science and Analytics-OL				✓	✓	✓
		060	141001	<del>Electrical Engineering</del> Electrical and Computer Engineering	L005 M350	<del>Electrical Engineering</del> Electrical and Computer Engineering	modified 4/1/04	Q211	Standard			
							approved 5/14/01 deleted 3/8/13	Q216	<del>Electrical Energy Production and Risk Management</del>			
							approved 4/1/04 deleted 3/8/13	Q342	<del>Industrial Internship (non-thesis)</del>			
		066	140101	Engineering	M370	Engineering	concentration added 5/12/14	Q170	Data Science and Analytics			
								Q234	Engineering Standard			
		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	<del>Industrial Engineering-Industrial and Systems Engineering</del>	M525 M524	<del>Industrial Engineering Industrial and Systems Engineering</del>	areas of conc. deleted 5/23/12; name changed 9/6/12	Q341	Thesis track			
								Q231	Engineering Management			
		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	<del>Metallurgical Engineering</del>	L034	<del>Metallurgical Engineering</del>	deleted 8/16/94					
		179	142301	<del>Nuclear Engineering</del>	L069	<del>Nuclear Engineering</del>	deleted 6/21/93					
		183	142501	<del>Petroleum Engineering</del>		<del>Petroleum Engineering</del>	transferred to College of Earth & Energy 1/1/06					
	Master of Science in <del>Telecomputing-Telecommunications Systems in Telecommunications-Engineering</del>	339	110901 141004	<del>Telecomputing-Telecommunications Systems-Telecommunications Engineering</del>	L006 M860	<del>Telecomputing Engineering Telecommunications Engineering</del>	modified 6/27/02 5/25/07; option name change 3/23/17; degree change 2020	Q651	Non-thesis Track			
							approved 5/25/07	Q652	Thesis Track			
					L032	<del>Telecomputing Management</del>	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			✓	✓	✓
	Master of Science in Natural Gas Engineering and Management	344	142501	<del>Natural Gas Engineering and Management</del>	M745	<del>Natural Gas Engineering and Management</del>	transferred to College of Earth & Energy 1/1/06					
Graduate Certificate	Graduate Certificate	448	303001	Data Science and Analytics	G302	Data Science and Analytics (Embedded)	Approved 6/28/18					
					G303	Data Science and Analytics (Embedded)-OL				✓	✓	✓

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
Doctor of Philosophy- <b>Ph. D.</b>	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	<del>Bioengineering</del> Biomedical Engineering	<del>D110</del> D109	<del>Bioengineering</del> 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			
		061	141001	<del>Electrical Engineering</del> Electrical and Computer Engineering	O020 D350	<del>Electrical Engineering</del> 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						
		<del>093</del>	<del>143901</del>	<del>Geological Engineering</del>	O022	<del>Geological Engineering</del>	transferred to College of Earth & Energy 1/1/06					
		131	143501	<del>Industrial Engineering</del> Industrial and Systems Engineering	<del>D525</del> D526	<del>Industrial Engineering</del> Industrial and Systems Engineering	name changed 5/31/13					
		160	141901	Mechanical Engineering	D675	Mechanical Engineering		R126	Combustion			
								R151	Controls			
								R256	Fluid Mechanics			

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		Program Code	CIP Code	Title of degree program	OU Major Code	Option/Major	Program Status	Concentration Code	Concentration Name			
								R321	Heat Transfer			
								R448	Mechanical Engineering General			
								R616	Solid Mechanics			
		164	142001	Metallurgical Engineering	0023	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	0018	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	0020	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	0022	Geological Engineering	deleted 8/16/94					
		295	143501	Industrial Engineering		Industrial Engineering	deleted 8/16/94					
		304	141901	Mechanical Engineering	0021	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	0019	Petroleum Engineering	deleted 8/16/94					