

STEM Program Classifications

All STEM identifying organizations exclude graduate certificates as STEM credentials.

THEC includes undergraduate degrees.

Carnegie PostDocs and Grad Students (NSF) include master's and doctoral degrees.

Carnegie Doctoral Degrees include doctoral degrees.

DHS STEM OPT programs CIP codes: <https://www.ice.gov/doclib/sevis/pdf/stemList2022.pdf>

Carnegie Doctoral degrees CIP codes: <https://carnegieclassifications.acenet.edu/wp-content/uploads/2023/04/CCIHE2021-CIPMap.xlsx>

Carnegie GSS Grad Students & Post Docs CIP codes: <https://nces.nsf.gov/pubs/nsf22319/assets/technical-tables/tables/nsf22319-tabA-016.xlsx>

College, Program, Major, CIP, Level					THEC Funding Formula STEM	DHS STEM for OPT (International Students)	STEM for Carnegie Doctoral Degrees	STEM for Carnegie PostDocs and Grad Students (NSF)
College of Arts and Sciences	AS-BA	Afrcn and African-Amer Studies	050201	UG	.	.	.	.
		Anthropology	450201	UG	.	.	.	.
		Criminology and Criminal Jus	430103	UG	.	.	.	.
		Economics	450601	UG	.	.	.	.
		English	230101	UG	.	.	.	.
		Earth Sciences	400601	UG	1	1	.	.
		History	540101	UG	.	.	.	.
		International & Global Studies	450901	UG	.	.	.	.
		Philosophy	380101	UG	.	.	.	.
		Political Science	451001	UG	.	.	.	.
		Psychology	420101	UG	.	.	.	.
		Social Work	440701	UG	.	.	.	.
		World Languages	160101	UG	.	.	.	.
	AS-BS	Biology	260101	UG	1	1	.	.
		Chemistry	400501	UG	1	1	.	.
		Computer Science	110701	UG	1	1	.	.
		Mathematical Sciences	270101	UG	1	1	.	.
		Physics	400801	UG	1	1	.	.
		Psychology	420101	UG	.	.	.	.
		Sociology	451101	UG	.	.	.	.
	AS-BSCH-CHEM	Chemistry	400501	UG	1	1	.	.

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College, Program, Major, CIP, Level					THEC Funding Formula STEM	DHS STEM for OPT (International Students)	STEM for Carnegie Doctoral Degrees	STEM for Carnegie PostDocs and Grad Students (NSF)
College of Arts and Sciences	GR-CERT	African American Literature	050201	GR	.	.	.	.
		Bioinformatics	261199	GR	.	.	.	.
		Cognitive Science	302501	GR	.	.	.	.
		Cyber Security Info Assurance	111003	GR	.	.	.	.
		Geographic Information Systems	450702	GR	.	.	.	.
		Play Therapy	440701	GR	.	.	.	.
		Philanthropy and Nonprof Lead	520206	GR	.	.	.	.
		School Social Work	440799	GR	.	.	.	.
		Substance Abuse	511501	GR	.	.	.	.
		Substance Use Disorders Interp	511501	GR	.	.	.	.
		Teaching of Mathematics	131311	GR	.	.	.	.
		Women's and Gender Studies	050207	GR	.	.	.	.
	GR-CERT-G	Clinical Social Work	511503	GR	.	.	.	.
		Data Science	110701	GR	.	.	.	.
		Local Government Management	451002	GR	.	.	.	.
		Teaching Engl as Second Lang	131401	GR	.	.	.	.
		Teach Eng Speakers Other Langs	131401	GR	.	.	.	.
	GR-DSW-SWRK	Social Work	440701	GR	.	.	.	.
	GR-MA	Applied Anthropology	450201	GR	.	.	.	1
		Earth Sciences	400601	GR	.	1	.	1
		Philosophy	380101	GR	.	.	.	.
		Political Science	451001	GR	.	.	.	1
		Romance Languages	160900	GR	.	.	.	.
		School Psychology	422805	GR	.	.	.	1
		Sociology	451101	GR	.	.	.	1
	GR-MA-G	Criminal Justice	430103	GR	.	.	.	.
		English	230101	GR	.	.	.	.
		History	540101	GR	.	.	.	.
	GR-MCRP-CRP	City and Regional Planning	303301	GR	.	1	.	.
	GR-MFA	Creative Writing	231302	GR	.	.	.	.

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College of Arts and Sciences	GR-MNM-G	Nonprofit Management	520206	GR	.	.	.	.
	GR-MPA-PBAD	Public Administration	440401	GR	.	.	.	.
	GR-MS	Biology	260101	GR	.	1	.	1
		Chemistry	400501	GR	.	1	.	1
		Computer Science	110701	GR	.	1	.	1
		Data Science	307001	GR	.	1	.	1
		Earth Sciences	400601	GR	.	1	.	1
		Mathematical Sciences	270101	GR	.	1	.	1
		Physics	400801	GR	.	1	.	1
		Psychology	420101	GR	.	.	.	1
	GR-MSW-SWRK	Social Work	440701	GR	.	.	.	.
	GR-PHD-APPH	Applied Physics	141201	GR	.	1	1	1
	GR-PHD-BIOL	Biology	260101	GR	.	1	1	1
	GR-PHD-CHEM	Chemistry	400501	GR	.	1	1	1
	GR-PHD-COMP	Computer Science	110701	GR	.	1	1	1
	GR-PHD-ENGL	English	230101	GR	.	.	.	.
	GR-PHD-ERSC	Earth Sciences	400601	GR	.	1	1	1
	GR-PHD-HIST	History	540101	GR	.	.	.	.
	GR-PHD-MSCI	Mathematical Sciences	270101	GR	.	1	1	1
	GR-PHD-PHIL	Philosophy	380101	GR	.	.	.	.
	GR-PHD-PSYC	Psychology	420101	GR	.	.	.	1
	GR-PHD-URBA	Urban Affairs	451201	GR	.	.	.	1
Fogelman Col of Bus and Econ	BU-BBA	Accounting	520301	UG	.	.	.	.
		Business Economics	520601	UG	.	.	.	.
		Finance	520801	UG	.	.	.	.
		Human Resource Management	521001	UG	.	.	.	.
		International Business	521101	UG	.	.	.	.
		Management	520201	UG	.	.	.	.
		Management Information Systems	521201	UG	.	.	.	.
		Marketing	521401	UG	.	.	.	.

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Fogelman Col of Bus and Econ	BU-BBA	Supply Chain Management	520203	UG	.	.	.	.
	GR-CERT	Business Information Assurance	521207	GR	.	.	.	.
		Data Analytics for Management	521301	GR	.	.	.	.
		Data Analytics for Technology	521301	GR	.	.	.	.
		Financial Analysis & Planning	520801	GR	.	.	.	.
		Professional Real Estate	521501	GR	.	.	.	.
		Supply Chain Management	520203	GR	.	.	.	.
	GR-CERT-G	Business Project Management	111005	GR	.	.	.	.
	GR-MA	Economics	450603	GR	.	1	.	1
	GR-MBA-G	Business Administration	520201	GR	.	.	.	.
	GR-MS	Accounting Analytics	307199	GR	.	1	.	1
		Business Administration	520201	GR	.	.	.	.
		Information Systems	110103	GR	.	1	.	1
	GR-PHD-BA	Business Administration	520201	GR	.	.	.	.
Communication and Fine Arts	CF-BA	Art	500701	UG	.	.	.	.
		Communication	090102	UG	.	.	.	.
		Journalism	090401	UG	.	.	.	.
		Music	500901	UG	.	.	.	.
		Strategic Media	090900	UG	.	.	.	.
	CF-BFA	Architecture	040401	UG	.	.	.	.
		Art	500701	UG	.	.	.	.
		Interior Architecture	500408	UG	.	.	.	.
		Theatre	500501	UG	.	.	.	.
	CF-BM	Music Industry	500999	UG	.	.	.	.
		Music	500901	UG	.	.	.	.
	GR-CERT	Artist Diploma in Music	500901	GR	.	.	.	.
		Early Music	500999	GR	.	.	.	.
		Entrepreneurial Media	090401	GR	.	.	.	.
		Graphic Design	500409	GR	.	.	.	.
		Multimedia Storytelling	500706	GR	.	.	.	.

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Communication and Fine Arts	GR-CERT	Museum Studies	301401	GR	.	.	.	.
		Social Media Analysis/Strategy	090102	GR	.	.	.	.
		Vocology	500908	GR	.	.	.	.
	GR-CERT-G	Arts Entrepreneurship	520701	GR	.	.	.	.
		Health Communication	090905	GR	.	.	.	.
	GR-DMA-MUSC	Music	500901	GR	.	.	.	.
	GR-MA	Art History	500703	GR	.	.	.	.
		Journalism & Strategic Media	090401	GR	.	.	.	.
	GR-MA-G	Communication	090102	GR	.	.	.	.
	GR-MARCH	Architecture	040902	GR	.	1	.	.
	GR-MFA	Art	500701	GR	.	.	.	.
		Theatre	500501	GR	.	.	.	.
	GR-MMU-G	Music	500901	GR	.	.	.	.
	GR-PHD-COMM	Communication	090102	GR	.	.	.	.
	GR-PHD-MUSC	Music	500901	GR	.	.	.	.
Comm Sciences and Disorders	CS-BA	American Sign Lan Deaf Studies	050211	UG	.	.	.	.
	GR-AUD-AUDO	Audiology	510202	GR	.	.	.	1
	GR-CERT	Augmentative & Altern Comm	510299	GR	.	.	.	.
		Comm Sci & Disorders & PH	510202	GR	.	.	.	.
	GR-MA	Speech Language Pathology	510203	GR	.	.	.	1
	GR-PHD-CMSD	Comm Sciences and Disorders	510201	GR	.	.	.	1
College of Education	ED-BSED	Integrated Early Childhood	131206	UG	.	.	.	.
		Integrative Studies	131203	UG	.	.	.	.
		Teaching All Learners	131001	UG	.	.	.	.
	GR-CERT	Clinical Mental Health Counsel	511508	GR	.	.	.	.
		Disability Studies	512310	GR	.	.	.	.
		Human Computer Interaction	303101	GR	.	.	.	.
		Higher Education Instruction	130406	GR	.	.	.	.
		Instructional Design and Tech	130501	GR	.	.	.	.
		Interdisc Qualitative Research	422806	GR	.	.	.	.

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College of Education	GR-CERT	Mathematics Education (K-8)	131311	GR	.	.	.	.
		Multi Tier System of Support	131001	GR	.	.	.	.
		Quantitative Studies Ed Res	130603	GR	.	.	.	.
		Special Edu Comprehensive	131007	GR	.	.	.	.
		Secondary Education	131205	GR	.	.	.	.
		School Counseling	422805	GR	.	.	.	.
		STEM Teacher Leadership	131399	GR	.	.	.	.
		School Library Info Specialist	250101	GR	.	.	.	.
		Urban Education	130410	GR	.	.	.	.
	GR-CERT-G	Autism Studies	131013	GR	.	.	.	.
		Career and College Counseling	131101	GR	.	.	.	.
		CC Teaching and Leadership	130407	GR	.	.	.	.
		K-12 Educational Leadership	130401	GR	.	.	.	.
		Literacy, Leadership, Coaching	131502	GR	.	.	.	.
	GR-EDD-G	Instr and Curr Leadership	130301	GR	.	.	.	.
	GR-EDD-HIAD	Higher and Adult Education	130406	GR	.	.	.	.
	GR-EDD-LDPS	Leadership and Policy Studies	130401	GR	.	.	.	.
	GR-EDS-EDUC	Education	130101	GR	.	.	.	.
	GR-MAT-G	Instr and Curr Leadership	130301	GR	.	.	.	.
	GR-MS	Counseling	131101	GR	.	.	.	.
		Ed Psychology and Research	422806	GR	.	.	.	1
	GR-MS-G	Instr and Curr Leadership	130301	GR	.	.	.	.
		Leadership and Policy Studies	130401	GR	.	.	.	.
	GR-PHD-CNES	Counselor Ed and Supervision	131102	GR	.	.	.	.
	GR-PHD-CNPY	Counseling Psychology	422803	GR	.	.	.	1
	GR-PHD-EDPR	Ed Psychology and Research	422806	GR	.	.	.	1
Herff College of Engineering	EN-BPS	Professional Studies	240102	UG	.	.	.	.
			309999	UG	.	.	.	.
	EN-BS	Commercial Aviation	490101	UG	.	2	.	.
	EN-BSBE-BIOM	Biomedical Engineering	140501	UG	1	1	.	.
	EN-BSCE-CIVL	Civil Engineering	140801	UG	1	1	.	.

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Herff College of Engineering	EN-BSCPE	Computer Engineering	140901	UG	1	1	.	.
	EN-BSEE-ELEC	Electrical Engineering	141001	UG	1	1	.	.
	EN-BSET	Engineering Technology	150000	UG	1	1	.	.
	EN-BSME-MECH	Mechanical Engineering	141901	UG	1	1	.	.
	EN-CERT	Construction Management	140801	UG	1	1	.	.
		Manufacturing Leadership	150613	UG	1	1	.	.
		Networking and Security	151201	UG	1	1	.	.
		Pathway to Engineering & Tech	140102	UG	1	1	.	.
		Regulatory Affairs Med Devices	140501	UG	1	1	.	.
	GR-CERT	Applied Lean Leadership	150000	GR	.	.	.	.
		Freight Transportation	520203	GR	.	.	.	.
		Intelligence Engr Applications	141001	GR	.	.	.	.
		Modern Energy & Power Systems	141001	GR	.	.	.	.
		Regulatory Affairs Med Devices	140501	GR	.	.	.	.
	GR-CERT-G	Imaging and Signal Processing	141001	GR	.	.	.	.
	GR-MS	Biomedical Engineering	140501	GR	.	1	.	1
		Civil Engineering	140801	GR	.	1	.	1
		Electrical and Computer Engr	141001	GR	.	1	.	1
		Engineering Technology	150000	GR	.	1	.	.
		Mechanical Engineering	141901	GR	.	1	.	1
	GR-MS-G	Engineering Management	151501	GR	.	1	.	.
	GR-PHD-BIOM	Biomedical Engineering	140501	GR	.	1	1	1
	GR-PHD-ENGR	Engineering	140101	GR	.	1	1	1
College of Health Sciences	GR-CERT-G	Sport Nutrition & Dietary Supl	190504	GR	.	.	.	.
	GR-DPT-PHYT	Physical Therapy	512308	GR	.	.	.	1
	GR-MS	Nutrition	301901	GR	.	1	.	1
	GR-MS-G	Health Studies	310505	GR	.	.	.	1
	GR-PHD-APPN	Applied Physiology & Neuromech	260908	GR	.	1	1	1
	HS-BS	Health Studies	310505	UG	.	.	.	.
	HS-BS-ED	Physical Ed for Teacher Ed	131314	UG	.	.	.	.

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College, Program, Major, CIP, Level					THEC Funding Formula STEM	DHS STEM for OPT (International Students)	STEM for Carnegie Doctoral Degrees	STEM for Carnegie PostDocs and Grad Students (NSF)
CCH School of Law	LW-JD-LAW	Law	220101	LW	.	.	.	.
Loewenberg College of Nursing	GR-CERT	Family Nurse Practitioner	513805	GR	.	.	.	.
		Nursing Leadership	513899	GR	.	.	.	.
		Psychiatric Mental Health NP	513801	GR	.	.	.	.
	GR-CERT-G	Adlt Gero Acute Care NP	513801	GR	.	.	.	.
		Nursing Education	513203	GR	.	.	.	.
	GR-MSN-NURS	Nursing	513801	GR	.	.	.	1
	GR-PHD-NRSN	Nursing	513808	GR	.	.	.	1
	NU-BSN-NURS	Nursing	513801	UG	1	.	.	.
School of Public Health	GR-CERT	Health Systems Leadership	512211	GR	.	.	.	.
		Population Health	512208	GR	.	.	.	.
		Population Health Informatics	512706	GR	.	.	.	.
	GR-CERT-G	Health Analytics	512201	GR	.	.	.	.
	GR-MHA-HTAD	Health Administration	510702	GR	.	.	.	.
	GR-MPH-G	Public Health	261309	GR	.	1	.	1
	GR-MS	Biostatistics	261102	GR	.	1	.	1
	GR-PHD-EPBI	Epidemiology and Biostatistics	261311	GR	.	1	1	1
	GR-PHD-SBSC	Social and Behavioral Sciences	450102	GR	.	1	.	1
	PH-BS-PBHT	Public Health	512201	UG	1	.	.	.
	PH-CRT1	Public Health Cert	512201	UG	1	.	.	.
	GR-CERT	Liberal Studies	240101	GR	.	.	.	.
		Strategic Leadership	130401	GR	.	.	.	.
Coll of Prof & Liberal Studies	GR-DLS	Liberal Studies	240101	GR	.	.	.	.
	GR-MALS-LBST	Liberal Studies	240101	GR	.	.	.	.
	GR-MPS-PFST	Professional Studies	240102	GR	.	.	.	.
	UC-BLS	Interdisciplinary Studies	240101	UG	.	.	.	.
		Liberal Studies	240101	UG	.	.	.	.
	UC-BPS	Professional Studies	240102	UG	.	.	.	.
			309999	UG	.	.	.	.

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College, Program, Major, CIP, Level					THEC Funding Formula STEM	DHS STEM for OPT (International Students)	STEM for Carnegie Doctoral Degrees	STEM for Carnegie PostDocs and Grad Students (NSF)
Wilson School of Hospitality	GR-CERT	Athletic Administration	310504	GR	.	.	.	.
		Hospitality Mgmt Specialist	520904	GR	.	.	.	.
	GR-MS	Sport and Hospitality Mgmt	310504	GR	.	.	.	.
	WS-BA-HPRM	Hospitality and Resort Mgmt	520904	UG	.	.	.	.
	WS-BS	Sport and Leisure Management	310504	UG	.	.	.	.
	WS-CERT	Culinary Essentials	120500	UG	.	.	.	.
Total					21	53	10	46