

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://ncses.nsf.gov/pubs/nsf22319/assets/technical-tables/tables/nsf22319-tab-a-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 | . | . |
| | | Sociology | 451101 | UG | . | . | . | . |
| | AS-BSCH-CHEM | Chemistry | 400501 | UG | 1 | 1 | . | . |
| | GR-CERT | African American Literature | 050201 | GR | . | . | . | . |
| | | Analytical Chemistry | 400502 | GR | . | . | . | . |
| | | Bioinformatics | 261199 | GR | . | . | . | . |
| Cognitive Science | | 302501 | GR | . | . | . | . | |
| Cyber Security Info Assurance | | 111003 | GR | . | . | . | . | |

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| College of Arts and Sciences | GR-CERT | Geographic Information Systems | 450702 | GR | . | . | . | . |
| | | Local Government Management | 451002 | GR | . | . | . | . |
| | | Organic Chemistry | 400504 | GR | . | . | . | . |
| | | Play Therapy | 511501 | GR | . | . | . | . |
| | | Philanthropy and Nonprof Lead | 520206 | GR | . | . | . | . |
| | | School Social Work | 440799 | GR | . | . | . | . |
| | | Substance Abuse | 511501 | GR | . | . | . | . |
| | | Teach Eng Speakers Other Langs | 131401 | GR | . | . | . | . |
| | | Teaching of Mathematics | 131311 | GR | . | . | . | . |
| | | Women's and Gender Studies | 050207 | GR | . | . | . | . |
| | Writing Studies | 231304 | GR | . | . | . | . | |
| | GR-CERT-G | Clinical Social Work | 511503 | GR | . | . | . | . |
| | | Data Science | 110701 | GR | . | . | . | . |
| | | Teaching Engl as Second Lang | 131401 | GR | . | . | . | . |
| | GR-DSW-SWRK | Social Work | 440701 | GR | . | . | . | . |
| | GR-MA | Anthropology | 450201 | GR | . | . | . | 1 |
| | | English | 230101 | GR | . | . | . | . |
| | | Earth Sciences | 400601 | GR | . | 1 | . | 1 |
| | | Philosophy | 380101 | GR | . | . | . | . |
| | | Political Science | 451001 | GR | . | . | . | 1 |
| | | Romance Languages | 160900 | GR | . | . | . | . |
| | | School Psychology | 422805 | GR | . | . | . | 1 |
| | GR-MA-G | Criminal Justice | 430103 | GR | . | . | . | . |
| | | History | 540101 | GR | . | . | . | . |
| | GR-MCRP-CRP | City and Regional Planning | 040301 | GR | . | . | . | . |
| | GR-MFA | Creative Writing | 231302 | GR | . | . | . | . |
| | GR-MNM-NPMT | Nonprofit Management | 520206 | GR | . | . | . | . |
| | GR-MPA-PBAD | Public Administration | 440401 | GR | . | . | . | . |

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|-------------------------------------|---------------|--------------------------------|--------|----|---------------------------|---|------------------------------------|--|
| College of Arts and Sciences | 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 | . | . | . | . |
| | | Supply Chain Management | 520203 | UG | . | . | . | . |

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|-------------------------------------|-----------|--------------------------------|--------|----|---------------------------|---|------------------------------------|--|
| Fogelman Col of Bus and Econ | GR-CERT | Business Project Management | 111005 | GR | . | . | . | . |
| | | Business Economics | 521301 | GR | . | . | . | . |
| | | 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 | . | . | . | . |
| | | Software Testing | 110103 | GR | . | . | . | . |
| | | Taxation | 520302 | GR | . | . | . | . |
| | GR-MA | Economics | 450603 | GR | . | 1 | . | 1 |
| | GR-MBA-BA | Business Administration | 520201 | GR | . | . | . | . |
| | GR-MS | Business Administration | 520201 | GR | . | . | . | . |
| | | Information Systems | 110103 | GR | . | 1 | . | 1 |
| | GR-MS-G | Accounting | 520301 | GR | . | . | . | . |
| | GR-PHD-BA | Business Administration | 520201 | GR | . | . | . | . |
| Communication and Fine Arts | CF-BA | Art | 500701 | UG | . | . | . | . |
| | | Communication | 090102 | UG | . | . | . | . |
| | | Journalism | 090401 | 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 | . | . | . | . |

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|-------------------------------------|-------------|--------------------------------|--------|----|--------------------------|---|------------------------------------|--|
| Communication and Fine Arts | GR-CERT | Artist Diploma in Music | 500901 | GR | . | . | . | . |
| | | Arts Entrepreneurship | 520701 | GR | . | . | . | . |
| | | Early Music | 500999 | GR | . | . | . | . |
| | | Entrepreneurial Media | 090401 | GR | . | . | . | . |
| | | Graphic Design | 500409 | GR | . | . | . | . |
| | | Health Communication | 090905 | GR | . | . | . | . |
| | | Multimedia Storytelling | 500706 | GR | . | . | . | . |
| | | Vocology | 500908 | GR | . | . | . | . |
| | GR-CERT-G | Museum Studies | 301401 | GR | . | . | . | . |
| | | Social Media Analysis/Strategy | 090102 | GR | . | . | . | . |
| | GR-DMA-MUSC | Music | 500901 | GR | . | . | . | . |
| | GR-MA | Art History | 500703 | GR | . | . | . | . |
| | | Communication | 090102 | GR | . | . | . | . |
| | | Journalism & Strategic Media | 090401 | 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 | . | . | . | . |
| | GR-CERT | Augmentative & Altern Comm | 510299 | GR | . | . | . | . |
| | | Comm Sci & Disorders & PH | 510202 | GR | . | . | . | . |
| | GR-MA | Speech Language Pathology | 510204 | GR | . | . | . | 1 |
| | GR-PHD-CMSD | Comm Sciences and Disorders | 510204 | GR | . | . | . | 1 |

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|-------------------------------------|---------------------------|--------------------------------|--------|----|---------------------------|---|------------------------------------|--|
| College of Education | ED-BSED | Human Development and Learning | 131206 | UG | . | . | . | . |
| | | Integrative Studies | 131203 | UG | . | . | . | . |
| | | Teaching All Learners | 131001 | UG | . | . | . | . |
| | GR-CERT | Career and College Counseling | 131101 | GR | . | . | . | . |
| | | Clinical Mental Health Counsel | 511508 | GR | . | . | . | . |
| | | Disability Studies | 512310 | GR | . | . | . | . |
| | | K-12 Educational Leadership | 130401 | GR | . | . | . | . |
| | | Human Computer Interaction | 303101 | GR | . | . | . | . |
| | | Higher Education Instruction | 130406 | GR | . | . | . | . |
| | | Instructional Design and Tech | 130501 | GR | . | . | . | . |
| | | Literacy, Leadership, Coaching | 131502 | GR | . | . | . | . |
| | | Mathematics Education (K-8) | 131311 | GR | . | . | . | . |
| | | Multi Tier System of Support | 131001 | GR | . | . | . | . |
| | | Quantitative Studies Ed Res | 130603 | GR | . | . | . | . |
| | | Qualitative Studies in Ed Resc | 422806 | 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 | . | . | . | . |
| | | CC Teaching and Leadership | 130407 | 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 | . | . | . | . | |

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|-------------------------------------|--------------|--------------------------------|-------------------------|--------|---------------------------|---|------------------------------------|--|
| College of Education | GR-MS | Counseling | 131101 | GR | . | . | . | . |
| | | Ed Psychology and Research | 422806 | GR | . | . | . | 1 |
| | | 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-BSBE-BIOM | Biomedical Engineering | 140501 | UG | 1 | 1 | . | . |
| | EN-BSCE-CIVL | Civil Engineering | 140801 | UG | 1 | 1 | . | . |
| | 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 | . | . |
| | | GR-CERT | Freight Transportation | 520203 | GR | . | . | . |
| | GR-CERT | Imaging and Signal Processing | 141001 | GR | . | . | . | . |
| | | GR-CERT-G | Applied Lean Leadership | 150000 | 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 | Distance Dietetics Internship | 513101 | GR | . | . | . | . |
| | | Faith and Health | 510001 | GR | . | . | . | . |
| | | Sport Nutrition & Dietary Supl | 190504 | GR | . | . | . | . |

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| College of Health Sciences | GR-MS-G | Health Studies | 310505 | GR | . | . | . | 1 |
| | | Nutrition | 301901 | GR | . | 1 | . | 1 |
| | GR-PHD-APPN | Applied Physiology & Neuromech | 260908 | GR | . | 1 | 1 | 1 |
| | HS-BS | Health Studies | 310505 | UG | . | . | . | . |
| | HS-BSED | Physical Ed for Teacher Ed | 131314 | UG | . | . | . | . |
| CCH School of Law | LW-JD-LAW | Law | 220101 | LW | . | . | . | . |
| Loewenberg College of Nursing | GR-CERT | Family Nurse Practitioner | 513805 | GR | . | . | . | . |
| | | Nursing Executive Leadership | 513899 | GR | . | . | . | . |
| | GR-CERT-G | 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 Analytics | 512201 | GR | . | . | . | . |
| | | Health Systems Leadership | 512211 | GR | . | . | . | . |
| | | Population Health | 512208 | GR | . | . | . | . |
| | | Population Health Informatics | 512706 | 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 | 512201 | GR | . | . | . | 1 |
| | PH-BS-PBHT | Public Health | 512201 | UG | 1 | . | . | . |
| Coll of Prof & Liberal Studies | GR-CERT | Aviation Human Factors | 490199 | GR | . | . | . | . |
| | | Liberal Studies | 240101 | GR | . | . | . | . |
| | | Strategic Leadership | 130401 | GR | . | . | . | . |
| | GR-DLS | Liberal Studies | 240101 | GR | . | . | . | . |
| | GR-MALS-G | Liberal Studies | 240101 | GR | . | . | . | . |
| | GR-MPS-PFST | Professional Studies | 240102 | GR | . | . | . | . |

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|-------------------------------------|------------|------------------------------|--------|--------|--------------------------|---|------------------------------------|--|
| Coll of Prof & Liberal Studies | UC-BLS | Interdisciplinary Studies | 240101 | UG | . | . | . | . |
| | | Liberal Studies | 240101 | UG | . | . | . | . |
| | UC-BPS | Professional Studies | | 240102 | UG | . | . | . |
| | | | | 309999 | UG | . | . | . |
| | UC-BS | Commercial Aviation | 490101 | UG | . | 1 | . | . |
| Undergraduate | UG-CERT | Culinary Essentials | 120500 | UG | . | . | . | . |
| 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 | . | . | . | . |
| Total | | | | | 15 | 44 | 10 | 43 |