Programs of Strategic Emphasis 2023

Bachelor's Programs

	CIP Code	CIP Title
1	4.0201	Architecture.
2	4.0401	Environmental Design/Architecture.
3	4.0902	Architectural and Building Sciences/Technology
4	11.0101	Computer and Information Sciences, General.
5	11.0102	Artificial Intelligence.
6	11.0103	Information Technology.
7	11.0104	Informatics.
8	11.0401	Information Science/Studies.
9	11.0501	Computer Systems Analysis/Analyst.
10	11.0701	Computer Science.
11	11.0802	Data Modeling/Warehousing and Database Administration.
12	11.0804	Modeling, Virtual Environments and Simulation.
13	11.0902	Cloud Computing.
14	11.1001	Network and System Administration/Administrator.
15	11.1003	Computer and Information Systems Security/Auditing/Information Assurance.
16	11.1005	Information Technology Project Management.
17	13.0501	Educational/Instructional Technology.
18	13.1001	Special Education and Teaching, General.
19	13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness.
20	13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.
21	13.1202	Elementary Education and Teaching.
22	13.1203	Junior High/Intermediate/Middle School Education and Teaching.
23	13.1205	Secondary Education and Teaching.
24	13.1206	Teacher Education, Multiple Levels.
25	13.1210	Early Childhood Education and Teaching.
26	13.1213	Science, Technology, Engineering, and Mathematics (STEM) Educational Methods.
27	13.1301	Agricultural Teacher Education.
28	13.1303	Business and Innovation/Entrepreneurship Teacher Education.
29	13.1305	English/Language Arts Teacher Education.
30	13.1311	Mathematics Teacher Education.
31	13.1312	Music Teacher Education.
32	13.1314	Physical Education Teaching and Coaching.
33	13.1316	Science Teacher Education/General Science Teacher Education.
34	13.1317	Social Science Teacher Education.
35	13.1320	Trade and Industrial Teacher Education.
36	14.0101	Engineering, General.
37	14.0201	Aerospace, Aeronautical, and Astronautical/Space Engineering, General.
38	14.0801	Civil Engineering, General.
39	14.0803	Structural Engineering.
40	14.0804	Transportation and Highway Engineering.
41	14.0901	Computer Engineering, General.
42	14.0903	Computer Software Engineering.
43	14.1001	Electrical and Electronics Engineering.
44	14.1003	Laser and Optical Engineering.
45	14.1201	Engineering Physics/Applied Physics.
46	14.1401	Environmental/Environmental Health Engineering.
47	14.1801	Materials Engineering.
48	14.1901	Mechanical Engineering.
49	14.2401	Ocean Engineering.
50	14.2701	Systems Engineering.
51	14.3301	Construction Engineering.
52	14.3501	Industrial Engineering.
53	14.3601	Manufacturing Engineering.

	CIP Code	CIP Title
54	14.3801	Surveying Engineering.
55	15.1001	Construction Engineering Technology/Technician.
56	16.0102	Linguistics.
57	26.0101	Biology/Biological Sciences, General.
58	26.0102	Biomedical Sciences, General.
59	26.1104	Computational Biology.
60	27.0101	Mathematics, General.
61	27.0301	Applied Mathematics, General.
62	27.0304	Computational and Applied Mathematics.
63	27.0501	Statistics, General.
64	29.0207	Cyber/Electronic Operations and Warfare.
65	29.0305	Space Systems Operations.
66	30.3001	Computational Science.
67	30.3101	Human Computer Interaction.
68	30.3201	Marine Sciences.
69	30.4101	Environmental Geosciences.
70	30.7001	Data Science, General.
71	30.7101	Data Analytics, General.
72	30.7102	Business Analytics.
73	30.7103	Data Visualization.
74	30.7104	Financial Analytics.
75	40.0601	Geology/Earth Science, General.
76	43.0301	Homeland Security.
77	43.0403	Cyber/Computer Forensics and Counterterrorism.
78	43.0405	Financial Forensics and Fraud Investigation.
79	45.0603	Econometrics and Quantitative Economics.
80	50.0102	Digital Arts.
81	51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.
82	51.0706	Health Information/Medical Records Administration/Administrator.
83	51.0723	Healthcare Information Privacy Assurance and Security.
84	51.2706	Medical Informatics.
85	51.3801	Registered Nursing/Registered Nurse.
86	52.0203	Logistics, Materials, and Supply Chain Management.
87	52.0301	Accounting.
88	52.0801	Finance, General.
89	52.1201	Management Information Systems, General.
90	52.1206	Information Resources Management.
91	52.1207	Knowledge Management.
92	52.1301	Management Science.
93	52.1304	Actuarial Science.
94	52.1401	Marketing/Marketing Management, General.
95	52.1701	Insurance.

	CIP Code	CIP Title
1	4.0201	Architecture.
2	4.0301	City/Urban, Community, and Regional Planning.
3	4.0401	Environmental Design/Architecture.
4	4.0601	Landscape Architecture.
5	4.0902	Architectural and Building Sciences/Technology
6	9.0702	Digital Communication and Media/Multimedia.
7	11.0101	Computer and Information Sciences, General.
8	11.0102	Artificial Intelligence.
9	11.0103	Information Technology.
10	11.0501	Computer Systems Analysis/Analyst.
11	11.0701	Computer Science.
12	11.0802	Data Modeling/Warehousing and Database Administration.
13	11.1003	Computer and Information Systems Security/Auditing/Information Assurance.
14	13.0101	Education, General.
15	13.0301	Curriculum and Instruction.
16	13.0603	Educational Statistics and Research Methods.
17	13.1001	Special Education and Teaching, General.
18	13.1101	Counselor Education/School Counseling and Guidance Services.
19	13.1102	College Student Counseling and Personnel Services.
20	13.1202	Elementary Education and Teaching.
21	13.1205	Secondary Education and Teaching.
22	14.0201	Aerospace, Aeronautical, and Astronautical/Space Engineering, General.
23	14.0801	Civil Engineering, General.
24	14.0901	Computer Engineering, General.
25	14.1001	Electrical and Electronics Engineering.
26	14.1003	Laser and Optical Engineering.
27	14.1401	Environmental/Environmental Health Engineering.
28	14.1801	Materials Engineering.
29	14.1901	Mechanical Engineering.
30	14.2701	Systems Engineering.
31	14.3501	Industrial Engineering.
32	15.1501	Engineering/Industrial Management.
33	19.0707	Family and Community Services.
34	26.1101	Biometry/Biometrics.
35	26.1102	Biostatistics.
36	27.0101	Mathematics, General.
37	27.0301	Applied Mathematics, General.
38	27.0305	Financial Mathematics.
39	27.0501	Statistics, General.
40	30.0601	Systems Science and Theory.
41	30.3301	Sustainability Studies.
42	30.7001	Data Science, General.
43	30.7101	Data Analytics, General.
44	30.7102	Business Analytics.
45	42.2803	Counseling Psychology.
46	42.2805	School Psychology.
47	44.0000	Human Services, General.
48	44.0701	Social Work.
49	45.0603	Econometrics and Quantitative Economics.
50	51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.
51	51.0718	Long Term Care Administration/Management.
52	51.0912	Physician Assistant.
53	51.0913	Athletic Training/Trainer.

	CIP Code	CIP Title
54	51.1501	Substance Abuse/Addiction Counseling.
55	51.1503	Clinical/Medical Social Work.
56	51.1504	Community Health Services/Liaison/Counseling.
57	51.1505	Marriage and Family Therapy/Counseling.
58	51.1508	Mental Health Counseling/Counselor.
59	51.1512	Hospice and Palliative Care.
60	51.2010	Pharmaceutical Sciences.
61	51.2201	Public Health, General.
62	51.2306	Occupational Therapy/Therapist.
63	51.2310	Vocational Rehabilitation Counseling/Counselor.
64	51.2312	Assistive/Augmentative Technology and Rehabilitation Engineering.
65	51.3801	Registered Nursing/Registered Nurse.
66	51.3802	Nursing Administration.
67	51.3803	Adult Health Nurse/Nursing.
68	51.3805	Family Practice Nurse/Nursing.
69	51.3809	Pediatric Nurse/Nursing.
70	51.3810	Psychiatric/Mental Health Nurse/Nursing.
71	51.3819	Palliative Care Nursing.
72	52.0203	Logistics, Materials, and Supply Chain Management.
73	52.0209	Transportation/Mobility Management.
74	52.0301	Accounting.
75	52.1301	Management Science.

	CIP Code	CIP Title
1	1.8001	Veterinary Medicine.
2	1.8101	Veterinary Sciences/Veterinary Clinical Sciences, General.
3	4.0902	Architectural and Building Sciences/Technology.
4	11.0101	Computer and Information Sciences, General.
5	11.0102	Artificial Intelligence.
6	11.0401	Information Science/Studies.
7	13.0301	Curriculum and Instruction.
8	13.0501	Educational/Instructional Technology.
9	13.0601	Educational Evaluation and Research.
10	13.0603	Educational Statistics and Research Methods.
11	13.1101	Counselor Education/School Counseling and Guidance Services.
12	14.0201	Aerospace, Aeronautical, and Astronautical/Space Engineering, General.
13	14.0301	Agricultural Engineering.
14	14.0501	Bioengineering and Biomedical Engineering.
15	14.0701	Chemical Engineering.
16	14.0801	Civil Engineering, General.
17	14.0901	Computer Engineering, General.
18	14.1001	Electrical and Electronics Engineering.
19	14.1003	Laser and Optical Engineering.
20	14.1401	Environmental/Environmental Health Engineering.
21	14.1801	Materials Engineering.
22	14.1901	Mechanical Engineering.
23	14.2401	Ocean Engineering.
24	14.2701	Systems Engineering.
25	14.3501	Industrial Engineering.
26	14.4201	Mechatronics, Robotics, and Automation Engineering.
27	15.1601	Nanotechnology.
28	26.0101	Biology/Biological Sciences, General.
29	26.0102	Biomedical Sciences, General.
30	26.0202	Biochemistry.
31	26.0206	Molecular Biophysics.
32	26.0403	Anatomy.
33	26.0801	Genetics, General.
34	26.1102	Biostatistics.
35	26.1301	Ecology.
36	27.0101	Mathematics, General.
37	27.0301	Applied Mathematics, General.
38	27.0501	Statistics, General.
39	30.1101	Gerontology.
40	30.3001	Computational Science.
41	40.0501	Chemistry, General.
42	40.0601	Geology/Earth Science, General.
43	40.0801	Physics, General.
44	40.1001	Materials Science.
45	42.2706	Behavioral Neuroscience.
46	42.2805	School Psychology.
47	45.0601	Economics, General.
48	45.0603	Econometrics and Quantitative Economics.
49	51.1201	Medicine.
50	51.2001	Pharmacy.
51	51.2306	Occupational Therapy/Therapist.
52	51.2308	Physical Therapy/Therapist.
53	51.3804	Nurse Anesthetist.

	CIP Code	CIP Title
54	51.3808	Nursing Science.
55	51.3818	Nursing Practice.
56	52.0101	Business/Commerce, General.
57	52.0201	Business Administration and Management, General.