



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY SIGNAL SCHOOL
417 22ND STREET
FORT GORDON GEORGIA 30905-5719

REPLY TO
ATTENTION OF

ATSO-OCO (621)

28 March 2023

MEMORANDUM THRU Signal Branch (AHRC-OPB-S), United States Army Human Resources Command, 1600 Spearhead Division Avenue, Fort Knox, KY 40121

FOR Rentenion Branch (AHRC-OPL-R), United States Army Human Resources Command, 1600 Spearhead Division Avenue, Fort Knox, KY 40121

SUBJECT: Accepted List of Science, Technology, Engineering, or Mathematics (STEM) Field of Studies for Functional Area (FA) 26

1. References:

- a. DA PAM 600-3, Officer Professional Development and Career Management
- b. DA PAM 621-11, Military Occupational Classification and Structure
- c. The National Center for Education Statistics (NCES) Classification of Instructional Programs (CIP) located at <https://nces.ed.gov/ipeds/cipcode/default.aspx?v=56>

2. According to DA PAM 600-3, a science, technology, engineering and math (STEM) field of study is required for acceptance into FA26. The Office, Chief of Signal (OCoS) considers Enclosure 1, List of accepted STEM Field of Study which lists the specific Classification of Instructional Programs (CIP) codes for acceptance into the branch of FA26. Based on the Department of Education's CIP codes, OCoS accepts some degrees within the following 15 related series:

- a. Computer and Information Sciences and Support Services (11)
- b. Education (13)
- c. Engineering (14)
- d. Engineering Technologies and Engineering-Related Fields (15)
- e. Biological and Biomedical Sciences (26)
- f. Mathematics and Statistics (27)
- g. Military Technologies and Applied Sciences (29)

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- h. Multi/Interdisciplinary Studies (30)
 - i. Physical Sciences (40)
 - j. Science Technologies/Technicians (41)
 - k. Homeland Security, Law Enforcement, Firefighting and Related Protective Services (43)
 - l. Social Sciences (45)
 - m. Mechanic and Repair Technologies/Technicians (47)
 - n. Health Professions and Related Programs (51)
 - o. Business, Management, Marketing and Related Support Services (52)
3. Reference Enclosure 1 for the comprehensive accepted list of field of study for FA26. For any field of study listed without an Integrated Personnel and Pay System – Army (IPPS-A) Major Subject of Advanced Education (MSAE) code, individuals will have their local S1 request a code created in IPPS-A to reflect the accurate degree title listed on their transcript unto their ORB.
4. Enclosure 1, will be reviewed annually to reflect changes within the Department of Education's Classification of Instructional Programs.
5. Point of contact is the Office Chief of Signal – Officer Division at USARMYFtGordonSignalSchlListOCOS-OD@army.mil

WILFREDO NORAT
Chief, Office Chief of Signal

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ENCLOSURE 1 - List of Accepted STEM Field of Study

1. FA26 comprehensive STEM fields of study listing are as follows:

CIP 2-Digit Code	2020 CIP Code	TOPMIS MSAE Code	CIP Code Title
COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES			
11	11.01	No Code	Computer and Information Sciences, General.
11	11.02	No Code	Computer Programming.
11	11.03	BAN	Data Processing.
11	11.04	No Code	Information Science/Studies.
11	11.05	No Code	Computer Systems Analysis.
11	11.06	No Code	Data Entry/Microcomputer Applications.
11	11.07	CUE	Computer Science.
11	11.08	No Code	Computer Software and Media Applications.
11	11.09	No Code	Computer Systems Networking and Telecommunications.
11	11.10	No Code	Computer/Information Technology Administration and Management.
11	11.99	No Code	Computer and Information Sciences and Support Services, Other.
EDUCATION			
13	13.06	No Code	Educational Assessment, Evaluation, and Research.
ENGINEERING			
14	14.01	CXX	Engineering, General.
14	14.02	No Code	Aerospace, Aeronautical, and Astronautical/Space Engineering.
14	14.03	No Code	Agricultural Engineering.
14	14.04	No Code	Architectural Engineering.
14	14.05	No Code	Biomedical/Medical Engineering.
14	14.06	No Code	Ceramic Sciences and Engineering.
14	14.07	CEX	Chemical Engineering.
14	14.08	CCX	Civil Engineering.
14	14.09	CUN	Computer Engineering.
14	14.10	No Code	Electrical, Electronics, and Communications Engineering.
14	14.11	No Code	Engineering Mechanics.
14	14.12	CSX	Engineering Physics.
14	14.13	No Code	Engineering Science.
14	14.14	No Code	Environmental/Environmental Health Engineering.
14	14.18	No Code	Materials Engineering.
14	14.19	CKX	Mechanical Engineering.
14	14.20	No Code	Metallurgical Engineering.

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14	14.21	No Code	Mining and Mineral Engineering.
14	14.22	No Code	Naval Architecture and Marine Engineering.
14	14.23	CLF	Nuclear Engineering.
14	14.24	No Code	Ocean Engineering.
14	14.25	No Code	Petroleum Engineering.
14	14.27	CUX	Systems Engineering.
14	14.28	No Code	Textile Sciences and Engineering.
14	14.32	No Code	Polymer/Plastics Engineering.
14	14.33	No Code	Construction Engineering.
14	14.34	No Code	Forest Engineering.
14	14.35	CYX	Industrial Engineering.
14	14.36	No Code	Manufacturing Engineering.
14	14.37	CUC	Operations Research.
14	14.38	No Code	Surveying Engineering.
14	14.39	No Code	Geological/Geophysical Engineering.
14	14.40	No Code	Paper Science and Engineering.
14	14.41	No Code	Electromechanical Engineering.
14	14.42	No Code	Mechatronics, Robotics, and Automation Engineering.
14	14.43	No Code	Biochemical Engineering.
14	14.44	No Code	Engineering Chemistry.
14	14.45	No Code	Biological/Biosystems Engineering.
14	14.47	ECE	Electrical and Computer Engineering.
14	14.48	No Code	Energy Systems Engineering.
14	14.99	No Code	Engineering, Other.
ENGINEERING/ENGINEERING-RELATED TECHNOLOGIES/TECHNICIANS.			
15	15.00	CUI	Engineering Technologies/Technicians, General.
15	15.01	No Code	Architectural Engineering Technologies/Technicians.
15	15.02	CCX	Civil Engineering Technologies/Technicians.
15	15.03	No Code	Electrical/Electronic Engineering Technologies/Technicians.
15	15.04	No Code	Electromechanical Technologies/Technicians.
15	15.05	No Code	Environmental Control Technologies/Technicians.
15	15.06	No Code	Industrial Production Technologies/Technicians.
15	15.07	No Code	Quality Control and Safety Technologies/Technicians.
15	15.08	No Code	Mechanical Engineering Related Technologies/Technicians.
15	15.09	No Code	Mining and Petroleum Technologies/Technicians.
15	15.10	No Code	Construction Engineering Technology/Technician.
15	15.11	No Code	Engineering-Related Technologies/Technicians.
15	15.12	CUN	Computer Engineering Technologies/Technicians.
15	15.13	No Code	Drafting/Design Engineering Technologies/Technicians.
15	15.14	No Code	Nuclear Engineering Technology/Technician.
15	15.15	No Code	Engineering-Related Fields.

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15	15.16	No Code	Nanotechnology.
15	15.17	No Code	Energy Systems Technologies/Technicians.
15	15.99	No Code	Engineering/Engineering-Related Technologies/Technicians, Other.
BIOLOGICAL AND BIOMEDICAL SCIENCES			
26	26.01	No Code	Biology, General.
26	26.02	No Code	Biochemistry, Biophysics and Molecular Biology.
26	26.03	No Code	Botany/Plant Biology.
26	26.04	No Code	Cell/Cellular Biology and Anatomical Sciences.
26	26.05	No Code	Microbiological Sciences and Immunology.
26	26.07	No Code	Zoology/Animal Biology.
26	26.08	No Code	Genetics.
26	26.09	No Code	Physiology, Pathology and Related Sciences.
26	26.10	No Code	Pharmacology and Toxicology.
26	26.11	No Code	Biomathematics, Bioinformatics, and Computational Biology.
26	26.12	No Code	Biotechnology.
26	26.13	No Code	Ecology, Evolution, Systematics, and Population Biology.
26	26.14	No Code	Molecular Medicine.
26	26.15	No Code	Neurobiology and Neurosciences.
26	26.99	No Code	Biological and Biomedical Sciences, Other.
MATHEMATICS AND STATISTICS			
27	27.01	DHX	Mathematics.
27	27.03	DHD	Applied Mathematics.
27	27.05	DHA	Statistics.
27	27.06	No Code	Applied Statistics.
27	27.99	No Code	Mathematics and Statistics, Other.
MILITARY TECHNOLOGIES AND APPLIED SCIENCES.			
29	29.02	No Code	Intelligence, Command Control and Information Operations.
29	29.03	No Code	Military Applied Sciences.
29	29.04	No Code	Military Systems and Maintenance Technology.
29	29.06	No Code	Military Technology and Applied Sciences Management.
29	29.99	No Code	Military Technologies and Applied Sciences, Other.
MULTI/INTERDISCIPLINARY STUDIES			
30	30.01	No Code	Biological and Physical Sciences.
30	30.06	No Code	Systems Science and Theory.
30	30.08	No Code	Mathematics and Computer Science.
30	30.16	No Code	Accounting and Computer Science.
30	30.27	No Code	Human Biology.
30	30.30	No Code	Computational Science.
30	30.31	No Code	Human Computer Interaction.
30	30.32	No Code	Marine Sciences.

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30	30.35	No Code	Climate Science.
30	30.38	No Code	Earth Systems Science.
30	30.39	No Code	Economics and Computer Science.
30	30.40	No Code	Economics and Foreign Language/Literature.
30	30.41	No Code	Environmental Geosciences.
30	30.43	No Code	Geobiology.
30	30.44	No Code	Geography and Environmental Studies.
30	30.48	No Code	Linguistics and Computer Science.
30	30.49	No Code	Mathematical Economics.
30	30.50	No Code	Mathematics and Atmospheric/Oceanic Science.
30	30.70	ADS	Data Science.
30	30.71	No Code	Data Analytics.
PHYSICAL SCIENCES			
40	40.01	No Code	Physical Sciences, General.
40	40.02	No Code	Astronomy and Astrophysics.
40	40.04	No Code	Atmospheric Sciences and Meteorology.
40	40.05	No Code	Chemistry.
40	40.06	No Code	Geological and Earth Sciences/Geosciences.
40	40.08	DLX	Physics.
40	40.10	No Code	Materials Sciences.
40	40.11	No Code	Physics and Astronomy.
40	40.99	No Code	Physical Sciences, Other.
SCIENCE TECHNOLOGIES/TECHNICIANS			
41	41.00	No Code	Science Technologies/Technicians, General.
41	41.01	No Code	Biology/Biotechnology Technologies/Technicians.
41	41.02	No Code	Nuclear and Industrial Radiologic Technologies/Technicians.
41	41.03	No Code	Physical Science Technologies/Technicians.
41	41.99	No Code	Science Technologies/Technicians, Other.
HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING AND RELATED PROTECTIVE SERVICES.			
43	43.0116	No Code	Cyber/Computer Forensics and Counterterrorism.
43	43.0404	No Code	Cybersecurity Defense Strategy/Policy.
43	43.0405	No Code	Financial Forensics and Fraud Investigation.
SOCIAL SCIENCES			
45	45.01	No Code	Social Sciences, General.
45	45.05	No Code	Demography.
45	45.06	No Code	Economics.
45	45.07	No Code	Geography and Cartography.
45	45.15	No Code	Geography and Anthropology.
MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS			
47	47.01	No Code	Electrical/Electronics Maintenance and Repair Technologies/Technicians.

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47	47.0103	No Code	Communications Systems Installation and Repair Technology/Technician
47	47.0104	No Code	Computer Installation and Repair Technology/Technician
47	47.0101	No Code	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General
HEALTH PROFESSIONS AND RELATED PROGRAMS			
51	51.2706	No Code	Medical Informatics
BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES			
52	52.03	No Code	Accounting and Related Services
52	52.08	No Code	Finance and Financial Management Services
52	52.12	No Code	Management Information Systems and Services.
52	52.1206	IRM	Information Resources Management
52	52.1207	No Code	Knowledge Management
52	52.1201	MIS	Management Information Systems, General
52	52.1299	MIS	Management Information Systems and Services, Other
52	52.1399	MGS	Management Sciences and Quantitative Methods, Other
52	52.21	BBT	Telecommunications Management
/// NOTHING FOLLOWS ///			