George Mason University DHS STEM Designated Degree Programs

Degree	Program Name	CIP Code
GRAD CERT	Actuarial Sciences	52.1304
GRAD CERT	Advanced Biomedical Sciences	26.0102
GRAD CERT	Advanced Networking Protocols for Telecommunications	14.1004
MS	Applied And Engr Physics	40.0801
BS	Applied Computer Science	11.0701
MPS	Applied Industrial and Organizational Psychology	42.2804
MS	Applied Information Technology	11.0103
MS	Artificial Intelligence	11.0102
BA/BS	Astronomy	40.0201
BS	Atmospheric Sciences	40.0401
GRAD CERT	Biodefense	26.0599
MS	Biodefense	26.0599
PHD	Biodefense	26.0599
BS	Bioengineering	14.0501
MS	Bioengineering	14.0501
PHD	Bioengineering	14.0501
MS	Bioinformatics and Computational Biology	26.1101
GRAD CERT	Bioinformatics and Computational Biology	26.1103
PHD	Bioinformatics and Computational Biology	26.1101
MS/PSM	Bioinformatics Management	26.1103
BA/BS	Biology	26.0101
MS	Biology	26.0101
MS	Biomedical Science	26.0102
PHD	Biosciences	30.0101
MS	Biostatistics	26.1102
GRAD CERT	Business Analytics	30.7102
MS	Business Analytics	30.7102
GRAD CERT	Cell and Molecular Biology	26.0406
BA/BS	Chemistry	40.0501
MS	Chemistry	40.0501
PHD	Chemistry and Biochemistry	26.0202
BS	Civil & Infrastructure Engineering	14.0801
MS	Civil & Infrastructure Engineering	14.0801
PHD	Civil and Infrastructure Engineering	14.0801

PHD	Climate Dynamics	40.0401
MS	Climate Science	40.0401
CERT	Cognitive Neuroscience	30.2501
BS	Computational and Data Sciences	30.0801
MS	Computational Science	30.0801
PHD	Computational Science & Informatics	30.0801
CERT	Computational Techniques & Applic	30.0801
BS	Computer Engineering	14.0901
MS	Computer Engineering	14.0901
BFA	Computer Game Design	10.0304
BS	Computer Science	11.0101
CERT	Computer Science	11.0101
MS	Computer Science	11.0101
PHD	Computer Science	11.0101
GRAD CERT	Computing Foundations	11.0299
GRAD CERT	Data Analytics	30.7101
MS	Data Analytics Engineering	11.0802
GRAD CERT	Data Science	30.3001
MS	Digital Forensics	43.0403
PHD	Earth Systems and Geoinformation Sciences	40.0699
MS	Earth Systems Science	40.0601
BA/BS	Economics	45.0603
MA	Economics	45.0603
PHD	Economics	45.0603
PHD	Electrical and Computer Engineering	14.1001
BS	Electrical Engineering	14.1001
MS	Electrical Engineering	14.1001
GRAD CERT	Environmental and Sustainability Management	30.3301
BA	Environmental and Sustainability Studies	30.3301
GRAD CERT	Environmental GIS and Biodiversity Conservation	26.1307
BS	Environmental Science	03.0104
PHD	Environmental Science & Public Policy	03.0104
MS	Environmental Science and Policy	03.0104
CERT	Epidemiology	26.1309
CERT	Federal Statistical Systems	27.0501

MS	Finance	27.0305
BS	Forensic Science	43.0406
MS	Forensic Science	43.0406
GRAD CERT	Forensics	43.0406
MS	Geoinformatics and Geospatial Intelligence	45.0702
BA/BS	Geology	40.0601
PHD	Geology and Earth Science	40.0601
CERT	Geospatial Intelligence	45.0702
BS	Health Informatics	51.2706
MS	Health Informatics	51.2706
GRAD CERT	Health Informatics and Data Analytics	51.2706
CERT	Information Sciences	11.0401
GRAD CERT	Information Security and Assurance	11.1003
MS	Information Security and Assurance	11.1003
MS	Information Systems	11.0401
BS	Information Technology	11.0103
CERT	Information Technology	11.0103
PHD	Information Technology	11.0103
ENGINEER	Information Technology	14.0901
MS	Learning Design and Technology	13.0501
GRAD CERT	Learning Technologies	13.0501
GRAD CERT	Machine Learning for Embedded Systems	11.0102
BA/BS	Mathematics	27.0101
MS	Mathematics	27.0101
PHD	Mathematics	27.0101
BS	Mechanical Engineering	14.1901
BS	Medical Laboratory Science	51.1005
GRAD CERT	Microfabrication	15.1601
GRAD CERT	Naval Ship Design	14.2201
BS	Neuroscience	26.1501
PHD	Neuroscience	26.1501
MS	Operations Research	14.3501
CERT	Operations Research & Engineering	14.3701
BS	Physics	40.0801
PHD	Physics	40.0801

CERT	Pre-Med	26.0101
CERT	Remote Sensing & Image Processing	27.0399
GRAD CERT	Research Methods	13.0603
GRAD CERT	Responsible Artificial Intelligence	30.3101
GRAD CERT	Small Satellite Engineering	14.0201
GRAD CERT	Smart Grid Technology	14.1099
GRAD CERT	Software Engineering	14.0903
MS	Software Systems Engineering	14.0903
PHD	Statistical Science	27.0502
MS	Statistical Sciences	27.0501
BS	Statistics	27.0501
BS	Systems and Industrial Engineering	14.2701
GRAD CERT	Systems Engineering	14.2701
MS	Systems Engineering	14.2701
PHD	Systems Engineering and Operations Research	14.2701
MS	Telecommunications	11.0901