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

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 MS Computer Game Design 10.0302 BS Computer Game Design 10.0304 BS Computer Science 11.0101 CERT Computer Science 11.0101 MS Computer Science 11.0101 GRAD CERT Computer Science 11.0101 GRAD CERT Data Analytics 30.7101 MS 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 40.0695 MS Earth	PHD	Climate Dynamics	40.0401
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GRAD CERTData Science30.3001MSDigital Forensics43.0403PHDEarth Systems and Geoinformation Sciences40.0699MSEarth Systems Science40.0601BA/BSEconomics45.0603MAEconomics45.0603PHDEconomics45.0603PHDElectrical and Computer Engineering14.1001BSElectrical Engineering14.1001MSElectrical Engineering14.1001GRAD CERTEnvironmental and Sustainability Management30.3301BAEnvironmental GIS and Biodiversity Conservation26.1307BSEnvironmental Science03.0104PHDEnvironmental Science & Public Policy03.0104MSEnvironmental Science and Policy03.0104CERTEpidemiology26.1309	GRAD CERT	Data Analytics	30.7101
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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 GIS and Biodiversity Conservation 26.1307 BS Environmental Science 203.0104 PHD Environmental Science & Public Policy 03.0104 MS Environmental Science and Policy 03.0104 CERT Epidemiology 26.1309	GRAD CERT	Data Science	30.3001
MSEarth Systems Science40.0601BA/BSEconomics45.0603MAEconomics45.0603PHDEconomics45.0603PHDElectrical and Computer Engineering14.1001BSElectrical Engineering14.1001MSElectrical Engineering14.1001GRAD CERTEnvironmental and Sustainability Management30.3301BAEnvironmental and Sustainability Studies30.3301GRAD CERTEnvironmental GIS and Biodiversity Conservation26.1307BSEnvironmental Science03.0104PHDEnvironmental Science & Public Policy03.0104MSEnvironmental Science and Policy03.0104CERTEpidemiology26.1309	MS	Digital Forensics	43.0403
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 GIS and Biodiversity Conservation 26.1307 BS Environmental Science Public Policy 03.0104 PHD Environmental Science & Public Policy 03.0104 MS Environmental Science and Policy 03.0104 CERT Epidemiology 26.1309	PHD	Earth Systems and Geoinformation Sciences	40.0699
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	MS	Earth Systems Science	40.0601
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	BA/BS	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	MA	Economics	45.0603
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	PHD	Economics	45.0603
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	PHD	Electrical and Computer 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	BS	Electrical Engineering	14.1001
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	MS	Electrical Engineering	14.1001
GRAD CERT Environmental GIS and Biodiversity Conservation BS Environmental Science 03.0104 PHD Environmental Science & Public Policy 03.0104 MS Environmental Science and Policy 03.0104 CERT Epidemiology 26.1309	GRAD CERT	Environmental and Sustainability Management	30.3301
BS Environmental Science 03.0104 PHD Environmental Science & Public Policy 03.0104 MS Environmental Science and Policy 03.0104 CERT Epidemiology 26.1309	BA	Environmental and Sustainability Studies	30.3301
PHD Environmental Science & Public Policy 03.0104 MS Environmental Science and Policy 03.0104 CERT Epidemiology 26.1309	GRAD CERT	Environmental GIS and Biodiversity Conservation	26.1307
MS Environmental Science and Policy 03.0104 CERT Epidemiology 26.1309	BS	Environmental Science	03.0104
CERT Epidemiology 26.1309	PHD	Environmental Science & Public Policy	03.0104
	MS	Environmental Science and Policy	03.0104
CERT Federal Statistical Systems 27.0501	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