

USF STEM Designated Program List

Level	USF Degree Name	Major Code	Degree	College	CIP Code	CIP Code Title	CIP- DHS List
GR	Accountancy and Analytics	ACA	M.S.	Business	52.1399	Management Sciences and Quantitative Methods, Other.	52
GR	Applied Mathematics	AMT	M.A.	Arts & Sciences	27.0101	Mathematics, General.	27
GR	Applied Physics	APD	Ph.D.	Arts & Sciences	40.0801	Physics, General.	40
GR	Artificial Intelligence (AI) and Business Analytics	AIL	M.S.	Business	11.0501	Computer Systems Analysis/Analyst.	11
GR	Big Data Analytics	BDI	Ph.D.	Business	11.0104	Informatics.	11
GR	Bioinformatics and Computational Biology	BCB	M.S.B.C.B.	Medicine	26.1103	Bioinformatics.	26
GR	Biology	BIO	M.S.	Arts & Sciences	26.0101	Biology/Biological Sciences, General.	26
GR	Biomedical Engineering	EBI	M.S.B.E.	Engineering	14.0501	Bioengineering and Biomedical Engineering.	14
GR	Biomedical Engineering	EBI	Ph.D.	Engineering	14.0501	Bioengineering and Biomedical Engineering.	14
GR	Biotechnology	MSB	M.S.B.	Medicine	26.1201	Biotechnology.	26
GR	Cancer Biology	CNB	Ph.D.	Arts & Sciences	26.0911	Oncology and Cancer Biology.	26
GR	Cancer Chemical Biology	CCB	Ph.D.	Arts & Sciences	26.0911	Oncology and Cancer Biology.	26
GR	Cancer Immunology and Immunotherapy	CII	Ph.D.	Arts & Sciences	26.0911	Oncology and Cancer Biology.	26
GR	Cell and Molecular Biology	CBO	Ph.D.	Arts & Sciences	26.0406	Cell/Cellular and Molecular Biology.	26

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GR	Chemical Engineering	ECH	M.S.C.H.	Engineering	14.0701	Chemical Engineering.	14
GR	Chemical Engineering	ECH	Ph.D.	Engineering	14.0701	Chemical Engineering.	14
GR	Chemistry	CHM	M.S.	Arts & Sciences	40.0501	Chemistry, General.	40
GR	Chemistry	CHM	Ph.D.	Arts & Sciences	40.0501	Chemistry, General.	40
GR	Chemistry (non-thesis option)	CHA	M.A.	Arts & Sciences	40.0501	Chemistry, General.	40
GR	Civil Engineering	ECE	M.S.C.E.	Engineering	14.0801	Civil Engineering, General.	14
GR	Civil Engineering	ECE	Ph.D.	Engineering	14.0801	Civil Engineering, General.	14
GR	Computer Engineering	ECP	M.S.C.P.	Engineering	14.0901	Computer Engineering, General.	14
GR	Computer Science	ECC	M.S.C.S.	Engineering	11.0701	Computer Science.	11
GR	Computer Science and Engineering	CSE	Ph.D.	Engineering	14.0901	Computer Engineering, General.	14
GR	Conservation Biology	CON	M.S.	Arts & Sciences	26.1307	Conservation Biology.	26
GR	Cybersecurity Intelligence and Information Security	ICI	M.S.	Arts & Sciences	11.0401	Information Science/Studies.	11
GR	Electrical Engineering	EEL	M.S.E.E.	Engineering	14.1001	Electrical and Electronics Engineering.	14
GR	Electrical Engineering	EEL	Ph.D.	Engineering	14.1001	Electrical and Electronics Engineering.	14

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GR	Engineering Management	EMA	M.S.E.M.	Engineering	15.1501	Engineering/Industrial Management.	15
GR	Environmental Engineering	EVE	M.S.E.V.	Engineering	14.1401	Environmental/Environmental Health	14
GR	Environmental Engineering	EVE	Ph.D.	Engineering	14.1401	Environmental/Environmental Health	14
GR	Environmental Science & Policy	ESP	M.S.	Arts & Sciences	03.0104	Environmental Science	03
GR	Financial Analytics	FNA	M.S.	Business	30.7104	Financial Analytics	30
GR	Geology	GLY	M.S.	Arts and Sciences	40.0601	Geology/Earth Science, General.	40
GR	Geology	GLY	Ph.D.	Arts and Sciences	40.0601	Geology/Earth Science, General.	40
GR	Global Sustainability	GBS	M.A.	Global	30.3301	Sustainability Studies.	30
GR	Global Sustainability	GBY	M.S.	Global	30.3301	Sustainability Studies.	30
GR	Health Informatics	HIF	M.S.H.I.	Medicine	51.2706	Medical Informatics.	51
GR	Industrial Engineering	EIE	M.S.I.E.	Engineering	14.3501	Industrial Engineering.	14
GR	Industrial Engineering	EIE	Ph.D.	Engineering	14.3501	Industrial Engineering.	14
GR	Information Technology	ITC	M.S.I.T.	Engineering	11.0103	Information Technology.	11
GR	Integrated Mathematical Oncology	IMO	Ph.D.	Arts and Sciences	26.0911	Oncology and Cancer Biology.	26

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GR	Integrative Biology	IBO	Ph.D.	Arts and Sciences	26.1399	Ecology, Evolution, Systematics and	26
GR	Intelligence Studies	ILS	M.S.	Arts and Sciences	11.0401	Information Science/Studies.	11
GR	Learning Design and Technology	LDT	M.S.	Education	13.0501	Educational/Instructional Technology.	13
GR	Marine Science	MSC	M.S.	Marine Science	40.0607	Oceanography, Chemical and Physical.	40
GR	Marine Science	MSC	Ph.D.	Marine Science	40.0607	Oceanography, Chemical and Physical.	40
GR	Materials Science and Engineering	MSE	M.S.M.S.E.	Engineering	14.1801	Materials Engineering.	14
GR	Mathematics	MTH	M.A.	Arts and Sciences	27.0101	Mathematics, General.	27
GR	Mathematics	MTH	Ph.D.	Arts and Sciences	27.0101	Mathematics, General.	27
GR	Mechanical Engineering	EME	M.S.M.E.	Engineering	14.1901	Mechanical Engineering.	14
GR	Mechanical Engineering	EME	Ph.D.	Engineering	14.1901	Mechanical Engineering.	14
GR	Medical Sciences	MSG	M.S.M.S.	Medicine	26.9999	Biological and Biomedical Sciences, Other.	26
GR	Medical Sciences	MSG	Ph.D.	Medicine	26.9999	Biological and Biomedical Sciences, Other.	26
GR	Microbiology	MIC	M.S.	Arts and Sciences	26.0503	Medical Microbiology and Bacteriology.	26
GR	Physics	PHY	M.S.	Arts and Sciences	40.0801	Physics, General.	40

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GR	Statistics	STC	M.A.	Arts and Sciences	27.0501	Statistics, General.	27
UG	Artificial Intelligence (AI) and Business Analytics	AIBA	B.S.	Business	52.1301	Management Science.	52
UG	Biology	BGY	B.S.	Arts and Sciences	26.0101	Biology/Biological Sciences, General.	26
UG	Biology-Animal Biology	BGY	B.S.	Arts and Sciences	26.0101	Biology/Biological Sciences, General.	26
UG	Biology-Ecology and Evolution	BGY	B.S.	Arts and Sciences	26.0101	Biology/Biological Sciences, General.	26
UG	Biology-Medical Biology	BGY	B.S.	Arts and Sciences	26.0101	Biology/Biological Sciences, General.	26
UG	Biology-Plant Biology	BGY	B.S.	Arts and Sciences	26.0101	Biology/Biological Sciences, General.	26
UG	Biomedical Engineering	EPBI	B.S.B.E.	Engineering	14.0501	Bioengineering and Biomedical Engineering.	14
UG	Biomedical Sciences	BMS	B.S.	Arts and Sciences	26.0102	Biomedical Sciences, General.	26
UG	Cell and Molecular Biology	CBO	B.S.	Arts and Sciences	26.0406	Cell/Cellular and Molecular Biology.	26
UG	Chemical Engineering	ECH	B.S.C.H.	Engineering	14.0701	Chemical Engineering.	14
UG	Chemistry (Bachelors of Arts)	CHM	B.A.	Arts and Sciences	40.0501	Chemistry, General.	40
UG	Chemistry (Bachelors of Science)	CHS	B.S.	Arts and Sciences	40.0501	Chemistry, General.	40
UG	Chemistry-Biochemistry/Biotechnology	CHM	B.S.	Arts and Sciences	40.0501	Chemistry, General.	40

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UG	Civil Engineering	ECE	B.S.C.E.	Engineering	14.0801	Civil Engineering, General.	14
UG	Computer Engineering	CPE	B.S.C.P.	Engineering	14.0901	Computer Engineering, General.	14
UG	Computer Science	BCS	B.S.C.S.	Engineering	11.0101	Computer and Information Sciences, General.	11
UG	Economics and Quantitative Econometrics	EQE	B.S.	Arts and Sciences	45.0603	Econometrics and Quantitative Economics.	45
UG	Electrical Engineering	EEL	B.S.E.E.	Engineering	14.1001	Electrical and Electronics Engineering.	14
UG	Environmental Engineering	EVE	B.S.E.V.	Engineering	14.1401	Environmental/Environmental Health	14
UG	Environmental Science & Policy	ESP	B.S.	Arts and Sciences	03.0104	Environmental Science	03
UG	Geology (Bachelors of Arts)	GLY	B.A.	Arts and Sciences	40.0601	Geology/Earth Science, General.	40
UG	Geology (Bachelors of Science)	GLS	B.S.	Arts and Sciences	40.0601	Geology/Earth Science, General.	40
UG	Industrial Engineering	EIE	B.S.I.E.	Engineering	14.3501	Industrial Engineering.	14
UG	Information Science-Data Science and Analytics	ISE	B.S.	Arts and Sciences	11.0401	Information Science/Studies.	11
UG	Information Science-Health Informatics	ISE	B.S.	Arts and Sciences	11.0401	Information Science/Studies.	11
UG	Information Science-Information Security	ISE	B.S.	Arts and Sciences	11.0401	Information Science/Studies.	11
UG	Information Science-Intelligence Analysis	ISE	B.S.	Arts and Sciences	11.0401	Information Science/Studies.	11

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UG	Information Science-Web Development Technologies	ISE	B.S.	Arts and Sciences	11.0401	Information Science/Studies.	11
UG	Information Technology	ITC	B.S.I.T	Engineering	11.0103	Information Technology.	11
UG	Interdisciplinary Natural Sciences	INS	B.S.	Arts and Sciences	30.0101	Biological and Physical Sciences.	30
UG	Marine Biology	MRB	B.S.	Arts and Sciences	26.1302	Marine Biology and Biological Oceanography.	26
UG	Mathematics: Computational and Applied-Data Analytics	MCA	B.S.	Arts and Sciences	27.0304	Computational and Applied Mathematics.	27
UG	Mathematics-Applied/Computational Mathematics	MTH	B.A.	Arts and Sciences	27.0101	Mathematics, General.	27
UG	Mathematics-General Mathematics	MTH	B.A.	Arts and Sciences	27.0101	Mathematics, General.	27
UG	Mathematics-Pure Mathematics	MTH	B.A.	Arts and Sciences	27.0101	Mathematics, General.	27
UG	Mechanical Engineering	MNE	B.S.M.E.	Engineering	14.1901	Mechanical Engineering.	14
UG	Medical Technology	MET	B.S.	Arts and Sciences	51.1005	Clinical Laboratory Science/Medical	51
UG	Microbiology	MIC	B.S.	Arts and Sciences	26.0503	Medical Microbiology and Bacteriology.	26
UG	Physical Sciences (Bachelors of Arts)	PSBA	B.A.	Arts and Sciences	40.0801	Physics, General.	40
UG	Physical Sciences (Bachelors of Science)	PSBS	B.S.	Arts and Sciences	40.0801	Physics, General.	40
UG	Physics	PHY	B.S.	Arts and Sciences	40.0801	Physics, General.	40

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UG	Physics	PHS	B.S.	Arts and Sciences	40.0801	Physics, General.	40
UG	Statistics	STC	B.A.	Arts and Sciences	27.0501	Statistics, General.	27
UG	Sustainability Studies	SNS	B.A.	Arts and Sciences	30.3301	Sustainability Studies.	30

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