



**Michigan
Technological
University**

Academic Program Codes – by degree type
Academic Year 2017-2018

Majors – Undergraduate (BS, BA, ASC, PEND)

Accounting (BS)	BACC
Anthropology (BS)	SANT
Applied Ecology and Environmental Sciences (BS)	FES
Applied Geophysics (BS)	EAG
Applied Physics (BS)	SAP
Audio Production & Technology (BS)	SFAT
Biochemistry and Molecular Biology (BS)	SMBB
Biochemistry and Molecular Biology (BS)	SMBC
Bioinformatics (BS)	SBI
Biological Sciences* (BS)	SBL
Ecology (Conc)	SBL3
General Biology (Conc)	SBL1
Pre-professional (Conc)	SBL5
Secondary Education (Conc)	SBL7
Biomedical Engineering (BS)	EBE
Engineering Enterprise (Conc)	EBEE
Chemical Engineering (BS)	ECM
Engineering Enterprise (Conc)	ECME
Cheminformatics (BS)	SCHI
Chemistry (BS)	SCH
Biochemistry (Conc)	SCH2
Chemical Physics (Conc)	SCH4
Environmental (Conc)	SCH5
Polymers (Conc)	SCH1
Secondary Education (Conc)	SCH3
Civil Engineering (BS)	ECE
Engineering Enterprise (Conc)	ECEE
College of Engineering Admit	ECOA
Communication, Culture, and Media (BA)	SCCM
Computer Engineering (BS)	ECP
Computer Engineering Enterprise (Conc)	ECPE
Computer Network & System Administration (BS)	TCSA
Computer Science* (BS)	SCS
Applications (Conc)	SCS1
Computer Science (Conc)	SCS2
Computer Systems (Conc)	SCS6
Game Development (Conc)	SCS7
Construction Management (BS)	TCMG
Economics (BS)	BEC
Economics-Secondary Education (Conc)	BEC2
Electrical Engineering (BS)	EEE
Biomedical Applications (Conc)	EEEB
Electric Power Engineering (Conc)	EEEW
Engineering Enterprise (Conc)	EEEE
Environmental Applications (Conc)	EEEV
Photonics (Conc)	EEEP
Electrical Engineering Technology (BS)	TEET
Engineering (BS)	EBS
Engineering Management (BS)	BEM
English (BA)	SEN
Secondary Education (Conc)	SEN1
Environmental Engineering (BS)	EEN
Engineering Enterprise (Conc)	EENE
Exercise Science (BS)	SESC
Finance (BS)	BFIN
Forestry (BS)	FFR
General Business	BGN

General Engineering	EGN
General Sciences and Arts	SGSA
General Technology	TGN
Geological Engineering (BS)	EGE
Engineering Enterprise (Conc)	EGEE
Geology (BS)	EGL
Earth and Space Science and Integrated Science (Conc)	EGL3
History (BA)	SSH
Humanities (ASC)	SAH
Liberal Arts (BA)	SHU
Management (BS)	BMGT
Entrepreneurship (Conc)	BMG2
Supply Chain and Operations Management (Conc)	BMG1
Management Information Systems (BS)	BMIS
Marketing (BS)	BMKT
Materials Science and Engineering (BS)	EMSE
Engineering Enterprise (Conc)	MSEE
Mathematics* (BS)	SMA
Actuarial Science (Conc)	SMA6
Applied/Computational (Conc)	SMA8
Business Analytics (Conc)	SMA0
Discrete Mathematics (Conc)	SMA5
Education Preparation (Conc)	SMA9
General Mathematics (Conc)	SMA2
Secondary Education (Conc)	SMA7
Mechanical Engineering (BS)	EME
Engineering Enterprise (Conc)	ELEE
Mechanical Engineering Technology (BS)	TMET
Medical Laboratory Science* (BS)	SML
3+1 Medical Laboratory Science (Conc)	SML8
4+1 Medical Laboratory Science (Conc)	SML9
3+1 Cytotechnology (Conc)	SML4
4+1 Cytotechnology (Conc)	SML6
4+1 Histotechnology (Conc)	SML7
4+1 Secondary Education (Conc)	SML0
Natural Resources Management (BS)	FNRM
Pharmaceutical Chemistry (BS)	SCHP
Physics (BA)	SPA
Secondary Education (Conc)	SPA1
Physics (BS)	SPH
Secondary Education (Conc)	SPH1
Psychology (BS)	SPSY
Scientific & Technical Communication (BA)	STA
Scientific & Technical Communication (BS)	STC
Social Sciences (BS)	SSS
Law and Society (Conc)	SSS4
Secondary Education (Conc)	SSS2
Software Engineering (BS)	SSEN
Sound Design (BA)	SFSD
Sports and Fitness Management (BS)	SSFM
Statistics (BS)	SST
Surveying Engineering (BS)	TSE
Theatre & Electronic Media Performance (BA)	SEMP
Theatre & Entertainment Technology (BS)	SFET
Wildlife Ecology and Management (BS)	FWEM

*Major cannot be pursued without concentration.

Majors – Graduate (MS, PHD)

Accounting (MS)	BACC
Applied Cognitive Science and Human Factors (MS) (PhD)	SACS
Applied Ecology (MS)	FAE
Applied Natural Resource Economics (MS)	BNRE
Applied Physics (MS) (PhD)	SAP
Applied Science Education (MS)	SASE
Atmospheric Sciences (PhD)	IAS
Biochemistry & Molecular Biology (PhD)	IBMB
Biological Sciences (MS) (PhD)	SBL
Biomedical Engineering (MS) (PhD)	EBE
Chemical Engineering (MS) (PhD)	ECM
Chemistry (MS) (PhD)	SCH
Civil Engineering (MS) (PhD)	ECE
Computer Engineering (MS) (PhD)	ECP
Computer Science (MS) (PhD)	SCS
Cybersecurity (MS)	SCSC
Data Science (MS)	IDS
Electrical Engineering (MS) (PhD)	EEE
Engineering (PhD)	EPD
Engineering-Computational Science and Engineering (PhD)	EPD5
Engineering-Environmental Engineering (PhD)	EPD2
Engineering Mechanics (MS)	EEM
Environmental and Energy Policy (MS) (PhD)	SEEP
Environmental Engineering (MS)	EEN
Environmental Engineering Science (MS)	EENS
Forest Ecology and Management (MS)	FFEM
Forest Molecular Genetics and Biotechnology (MS) (PhD)	FMGB
Forest Science (PhD)	FFS
Forestry (MS)	FFR
Geological Engineering (MS) (PhD)	EGE
Geology (MS) (PhD)	EGL
Geophysics (MS) (PhD)	EGP
Industrial Archaeology (MS)	SSM
Industrial Heritage & Archaeology (PhD)	SIHA
Integrated Geospatial Technology (MS)	TGT
Integrative Physiology (PhD)	SKIP
Kinesiology (MS)	SKIN
Master of Business Administration (MBA)	BMBA
Master of Engineering (MEG)	EGR
Master of Forestry (MF)	FMF
Master of Geographic Information Science (MGIS)	FGIS
Materials Science and Engineering (MS) (PhD)	EMSE
Mathematical Sciences (MS) (PhD)	SMAG
Mechanical Engineering (MS)	EME
Mechanical Engineering-Engineering Mechanics (PhD)	MEEM
Medical Informatics (MS)	TMIN
Mining Engineering (MS) (PhD)	EMG
Physics (MS) (PhD)	SPH
Rhetoric, Theory and Culture (MS) (PhD)	SRTC

Minors

Aerospace Engineering	Mechanical Engineering	EMAE
Aerospace Studies	Air Force ROTC	AFAS
Alternative Energy Technology	Chemical Engineering	IMAE
American Studies	Social Sciences	SSAS
Applied Geophysics	GMES	EAGM
Art	VPA	FAAR
Astrophysics	Physics	SPHA
Biochemistry	Biological Sciences	BLBC
Bioethics	Humanities	HUB
Biological Sciences	Biological Sciences	SBLM
	Cellular or Genetic Track	BLGT
	Organismal Track	BLOT
Bioprocess Engineering	Bio Sci /Chem Eng	IMBE
Chemistry	Chemistry	SCHM
Coaching Fundamentals	KIP	PECF
Communication Studies	Humanities	HUCS
Computer Science	Computer Science	SCSM
Data Acquisition and Industrial Control		TDAC
	School of Technology	
Diversity Studies	Humanities	HUDS
Earth Sciences	GMES	EGLM
Ecology	Biological Sciences/SFRES	IMEC
Economics	SBE	BECM
Electrical Engineering	Elec. & Comp Eng	EEEM
Electronic Materials	Mat Sci & Eng	MSEM
Enterprise	Pavlis Honors College	ENTM
Environmental Studies	Social Sciences	SSES
Ethics and Philosophy	Humanities	HUEP
Fish Biology	Biological Sciences	BLFB
French	Humanities	HUF
French International	Humanities	HUIF
Geological Engineering	GMES	EGEM
German	Humanities	HUG
German International	Humanities	HUIG
Global Business	SBE	BGBM
Global Community Development Partnerships		IMGC
	Pavlis Honors College	
Historical Studies	Social Sciences	SSHS
International Studies	Social Sciences	SSIS
Journalism	Humanities	HUJN
Law and Society	Social Sciences	SSLS
Leadership	Pavlis Honors College	IMLE
Manufacturing	Mechanical Engineering	EMMF
Mathematical Sciences	Mathematics	SMAM
Media Production	Humanities	HUME
Microbiology	Biological Sciences	BLMB
Military Arts and Science	Air Force ROTC	AMAS
Mineral Processing	Chemical Engineering	CMMP
Mining	GMES	EMGM
Municipal Engineering	CEE	ECEM
Music	VPA	FAMU
	General Music Focus	MUGM
	Music Technology Focus	MUMT
	Jazz Idiom Focus	MUJI
Music Composition	VPA	FAMC
Music Performance	VPA	FAMP
Nanoscale Science & Engineering	Physics	IMNT
Naval Systems Engineering	Mechanical Engineering	EMNS
Pharmaceutical Chemistry	Chemistry	CHPM
Physics	Physics	SPHM
Plant Biotechnology	Biological Sciences/SFRES	IMPB
Plant Sciences	Biological Sciences/SFRES	IMPS
Polymer Science and Engineering	Chem Eng	ECMM
Psychology	Cognitive and Learning Sciences	PSYM
Rail Transportation	CEE	ECRM
Social and Behavioral Studies	Social Sciences	SSBH
Spanish	Humanities	HUS
Spanish International	Humanities	HUIS
Statistics	Mathematics	SSTM

Minors - Continued

Structural Materials <small>Mat Sci & Eng</small>	MSSM
Surveying <small>School of Technology</small>	TSUM
Teaching English to Speakers of Other Languages <small>Humanities</small>	HUTE
Technical Theater <small>VPA</small>	FATT
Theater Arts <small>VPA</small>	FATA
Writing <small>Humanities</small>	HUW

Certificates – Undergraduate (CERT)

Actuarial Science <small>Mathematics</small>	CASC
Business Analytics <small>Mathematics</small>	CBA
Coaching Endorsement <small>KIP</small>	CCE
Electric Power Engineering <small>Elec & Comp Eng</small>	CEPE
Teaching English to Speakers of Other Languages <small>Humanities</small>	CTES

Certificates – Graduate (GRCERT)

Advanced Electric Power Engineering	CAEP
Automotive Systems and Controls	IASC
Data Science	IDS
Hybrid Electric Drive Vehicle Engineering	CHEV
International Profile	ICIP
Nanotechnology	IGCN
Post-Secondary STEM Education	CPSE
Sustainability <small>Sustainable Futures Institute</small>	IGCS
Sustainable Water Resources Systems	ICSW

Department of Cognitive and Learning Sciences – Teaching Certification

Curriculum codes entered into general student record by CLS staff

Teaching Certification
Concentration Code

Secondary Education-Teacher Cert Majors

Biological Sciences <small>(Conc SBL7)</small>	TED2
Chemistry <small>(Conc SCH3)</small>	TED3
Computer Science <small>(Conc SCS4)</small>	TED9
Earth and Space Science and Integrated Science <small>(Conc EGL3)</small>	TED4
Economics <small>(Conc BEC2)</small>	TEDE
English <small>(Conc SEN1)</small>	TEDA
Integrated Science <small>(BS in FES or Engineering)</small>	TEDI
Mathematics <small>(Conc SMA7)</small>	TED6
Medical Laboratory Science <small>(Conc SML0)</small>	TED1
Physics <small>(Conc SPH1 or SPA1)</small>	TEDB
Social Sciences <small>(Conc SSS2)</small>	TED5

Teaching Certification
Minor Code

Secondary Education-Teacher Cert Minors

(Must be enrolled in Teaching Certification Program.)

Biological Sciences	TEDM
Chemistry	TEDN
Computer Science	TEDO
Economics	TEDQ
English	TEDR
Mathematics	TEDS
Physics	TEDT

Administrative Codes

Educational Opportunities	PEO
English as a Second Language	IESL
Non-Degree Seeking <small>(Graduate level)</small>	NDG
Non-Degree Seeking <small>(Undergraduate level)</small>	NDS
Post-Degree Studies	PDS
State Teaching Certification <small>(currently pursuing degree)</small>	STEC
State Teaching Certification <small>(degree already earned)</small>	PTC