



Michigan Technological University

Academic Program Codes Academic Year 2017-2018

Program/Degree Option	Code
School of Business and Economics	
Accounting (BS) (MS)	BACC
Economics (BS)	BEC
Economics-Secondary Education (Conc)	BEC2
Engineering Management (BS)	BEM
Finance (BS)	BFIN
General Business	BGN
Management (BS)	BMGT
Entrepreneurship (Conc)	BMG2
Supply Chain and Operations Management (Conc)	BMG1
Management Information Systems (BS)	BMIS
Marketing (BS)	BMKT
Applied Natural Resource Economics (MS)	BNRE
Master of Business Administration (MBA)	BMBA
Economics (Minor)	BECM
Global Business (Minor)	BGBM

College of Engineering

College of Engineering	
College of Engineering Admit	ECOA
Engineering (BS)	EBS
Engineering (PhD)	EPD
Engineering-Computational Science & Engineering (PhD)	EPD5
Engineering-Environmental Engineering (PhD)	EPD2
General Engineering	EGN
Master of Engineering (MEG)	EGR

Biomedical Engineering

Biomedical Engineering (BS) (MS) (PhD)	EBE
Engineering Enterprise (Conc)	EBEE

Chemical Engineering

Chemical Engineering (BS) (MS) (PhD)	ECM
Engineering Enterprise (Conc)	ECME
Mineral Processing (Minor)	CMMP
Polymer Science and Engineering (Minor)	ECMM

Civil and Environmental Engineering

Civil Engineering (BS) (MS) (PhD)	ECE
Engineering Enterprise (Conc)	ECEE
Environmental Engineering (BS) (MS)	EEN
Engineering Enterprise (Conc)	EENE
Environmental Engineering Science (MS)	EENS
Municipal Engineering (Minor)	ECEM
Rail Transportation (Minor)	ECRM

Electrical and Computer Engineering

Computer Engineering (BS) (MS) (PhD)	ECP
Computer Engineering Enterprise (Conc)	ECPE

Program/Degree Option	Code
College of Engineering - Continued	
Electrical Engineering (BS) (MS) (PhD)	EEE
Biomedical Applications (Conc)	EEEB
Electric Power Engineering (Conc)	EEEW
Engineering Enterprise (Conc)	EEEE
Environmental Applications (Conc)	EEEV
Photonics (Conc)	EEEP
Electrical Engineering (Minor)	EEEM
Electric Power Engineering (Certificate)	CEPE
Advanced Electric Power Engineering (GR Certificate)	CAEP

Geological and Mining Engineering and Sciences

Applied Geophysics (BS)	EAG
Geological Engineering (BS) (MS) (PhD)	EGE
Engineering Enterprise (Conc)	EGEE
Geology (BS) (MS) (PhD)	EGL
Earth and Space Science and Integrated Science (Conc)	EGL3
Geophysics (MS) (PhD)	EGP
Mining Engineering (MS) (PhD)	EMG
Applied Geophysics (Minor)	EAGM
Earth Sciences (Minor)	EGLM
Geological Engineering (Minor)	EGEM
Mining (Minor)	EMGM

Materials Science and Engineering

Materials Science and Engineering (BS) (MS) (PhD)	EMSE
Engineering Enterprise (Conc)	MSEE
Electronic Materials (Minor)	MSEM
Structural Materials (Minor)	MSSM

Mechanical Engineering – Engineering Mechanics

Mechanical Engineering (BS) (MS)	EME
Engineering Enterprise (Conc)	EMEE
Engineering Mechanics (MS)	EEM
Mechanical Engineering-Engineering Mechanics (PhD)	MEEM
Aerospace Engineering (Minor)	EMAE
Manufacturing (Minor)	EMMF
Naval Systems Engineering (Minor)	EMNS
Hybrid Electric Drive Vehicle Engineering (GR Certificate)	CHEV

School of Forest Resources and Environmental Science

Applied Ecology & Environmental Sciences (BS)	FES
Forestry (BS) (MS)	FFR
Natural Resources Management (BS)	FNRM
Wildlife Ecology & Management (BS)	FWEM
Applied Ecology (MS)	FAE
Forest Ecology & Management (MS)	FFEM

Program/Degree Option	Code
School of Forest Resources and Environmental Science - Continued	
Forest Molecular Genetics & Biotechnology (MS) (PhD)	FMGB
Forest Science (PhD)	FFS
Master of Forestry (MF)	FMF
Master of Geographic Information Science (MGIS)	FGIS

College of Sciences and Arts

General Sciences and Arts SGSA

Aerospace Studies (Air Force ROTC)

Aerospace Studies (Minor) AFAS

Military Science (Army ROTC)

Military Arts and Science (Minor) AMAS

Biological Sciences

Biochemistry and Molecular Biology (BS)	SMBB
Bioinformatics (BS)	SBI
Biological Sciences* (BS) (MS) (PhD)	SBL
Ecology (Conc)	SBL3
General Biology (Conc)	SBL1
Pre-professional (Conc)	SBL5
Secondary Education (Conc)	SBL7
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
Biochemistry (Minor)	BLBC
Biological Sciences (Minor)	SBLM
Cellular or Genetic Track	BLGT
Organismal Track	BLOT
Fish Biology (Minor)	BLFB
Microbiology (Minor)	BLMB

Chemistry

Biochemistry and Molecular Biology (BS)	SMBC
Cheminformatics (BS)	SCHI
Chemistry (BS) (MS) (PhD)	SCH
Biochemistry (Conc)	SCH2
Chemical Physics (Conc)	SCH4
Environmental (Conc)	SCH5
Polymers (Conc)	SCH1
Secondary Education (Conc)	SCH3
Pharmaceutical Chemistry (BS)	SCHP
Chemistry (Minor)	SCHM
Pharmaceutical Chemistry (Minor)	CHPM

Cognitive and Learning Sciences

Psychology (BS)	SPSY
Applied Cognitive Sci & Human Factors (MS) (PhD)	SACS
Applied Science Education (MS)	SASE
Psychology (Minor)	PSYM
Post-Secondary STEM Education (GR Certificate)	CPSE

Program/Degree Option	Code
College of Sciences and Arts - Continued	

Computer Science

Computer Science* (BS) (MS) (PhD)	SCS
Applications (Conc)	SCS1
Computer Science (Conc)	SCS2
Computer Systems (Conc)	SCS6
Game Development (Conc)	SCS7
Software Engineering (BS)	SEEN
Cybersecurity (MS)	SCSC
Computer Science (Minor)	SCSM

Humanities

Humanities (ASC)	SAH
Communication, Culture, and Media (BA)	SCCM
English (BA)	SEN
Secondary Education (Conc)	SEN1
Liberal Arts (BA)	SHU
Scientific & Technical Communication (BA)	STA
Scientific & Technical Communication (BS)	STC
Rhetoric, Theory and Culture (MS) (PhD)	SRTC
Bioethics (Minor)	HUB
Communication Studies (Minor)	HUCS
Diversity Studies (Minor)	HUDS
Ethics and Philosophy (Minor)	HUEP
French (Minor)	HUF
French International (Minor)	HUIF
German (Minor)	HUG
German International (Minor)	HUIG
Journalism (Minor)	HUJN
Media Production (Minor)	HUME
Spanish (Minor)	HUS
Spanish International (Minor)	HUIS
Writing (Minor)	HUW
Teaching English to Speakers of Other Languages (TESOL) (Minor)	HUTE
Teaching English to Speakers of Other Languages (TESOL) (Certificate)	CTES

Kinesiology and Integrative Physiology

Exercise Science (BS)	SESC
Sports and Fitness Management (BS)	SSFMS
Integrative Physiology (PhD)	SKIP
Kinesiology (MS)	SKIN
Coaching Fundamentals (Minor)	PECF
Coaching Endorsement (Certificate)	CCE

Mathematical Sciences

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
Statistics (Conc)	SMA3
Statistics (BS)	SST
Mathematical Sciences (MS) (PhD)	SMAG
Mathematical Sciences (Minor)	SMAM
Statistics (Minor)	SSTM
Actuarial Science (Certificate)	CASC
Business Analytics (Certificate)	CBA

*Major cannot be pursued without concentration.

Program/Degree Option	Code
College of Sciences and Arts - Continued	

<i>Physics</i>	
Applied Physics (BS) (MS) (PhD)	SAP
Physics (BA)	SPA
Secondary Education (Conc)	SPA1
Physics (BS) (MS) (PhD)	SPH
Secondary Education (Conc)	SPH1
Astrophysics (Minor)	SPHA
Physics (Minor)	SPHM

<i>Social Sciences</i>	
Anthropology (BS)	SANT
History (BA)	SSH
Social Sciences (BS)	SSS
Law and Society (Conc)	SSS4
Secondary Education (Conc)	SSS2
Environmental and Energy Policy (MS) (PhD)	SEEP
Industrial Archaeology (MS)	SSM
Industrial Heritage & Archaeology (PhD)	SIHA
American Studies (Minor)	SSAS
Environmental Studies (Minor)	SSES
Historical Studies (Minor)	SSHS
International Studies (Minor)	SSIS
Law and Society (Minor)	SSLS
Social and Behavioral Studies (Minor)	SSBH

<i>Visual and Performing Arts</i>	
Audio Production & Technology (BS)	SFAT
Sound Design (BA)	SFSD
Theatre & Electronic Media Performance (BA)	SEMP
Theatre & Entertainment Technology (BS)	SFET
Art (Minor)	FAAR
Music (Minor)	FAMU
General Music Focus	MUGM
Music Technology Focus	MUMT
Jazz Idiom Focus	MUJI
Music Composition (Minor)	FAMC
Music Performance (Minor)	FAMP
Technical Theater (Minor)	FATT
Theater Arts (Minor)	FATA

School of Technology

Computer Network & System Administration (BS)	TCSA
Construction Management (BS)	TCMG
Electrical Engineering Technology (BS)	TEET
General Technology	TGN
Mechanical Engineering Technology (BS)	TMET
Surveying Engineering (BS)	TSE
Integrated Geospatial Technology (MS)	TGT
Medical Informatics (MS)	TMIN
Data Acquisition and Industrial Control (Minor)	TDAC
Surveying (Minor)	TSUM

Interdisciplinary Majors

Atmospheric Sciences (PhD)	IAS
Biochemistry & Molecular Biology (PhD)	IBMB
Data Science (MS)	IDS

Program/Degree Option	Code
Interdisciplinary Minors	

Alternative Energy Technology (Minor) Chem Eng	IMAE
Bioprocess Engineering (Minor) Bio Sci/Chem Eng	IMBE
Ecology (Minor) Bio Sci/SFRES	IMEC
Nanoscale Science & Engineering (Minor) Physics	IMNT
Plant Biotechnology (Minor) Bio Sci/SFRES	IMPB
Plant Sciences (Minor) Bio Sci/SFRES	IMPS

Interdisciplinary Certificates

Automotive Systems and Controls (GR Certificate)	IASC
Data Science (GR Certificate)	IDS
International Profile (GR Certificate)	ICIP
Nanotechnology (GR Certificate)	IGCN
Sustainability (GR Certificate) Sustainable Futures Institute	IGCS
Sustainable Water Resources Systems (GR Certificate)	ICSW

Pavlis Honors College

Enterprise (Minor)	ENTM
Global Community Development Partnerships (Minor)	IMGC
Leadership (Minor)	IMLE

Department of Cognitive and Learning Sciences – Teaching Certification

Curriculum codes entered into general student record by CLS staff

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

	Teaching Certification Minor Code
<u>Secondary Education-Teacher Cert Minors</u> (Must be enrolled in Teaching Certification Program.)	
Biological Sciences	TEDM
Chemistry	TEDN
Computer Science	TEDO
Economics	TEDQ
English	TEDR
Mathematics	TEDS
Physics	TEDT

Administrative Major Codes

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