Essential Education Requirements

- Students must complete three main components of Essential Education (First-Year Experience, Distribution or Minor Pathway, and Activities for Well-being and Success) with the credit distributions as shown below. A minimum of 37 credits is required to complete these requirements.
- Up to five Essential Education requirements and the Michigan Tech Seminar may be shared (double-counted) with major requirements. Work with your advisor to determine which major requirements may satisfy Essential Education requirements.
- Some courses are on more than one list, but each course can satisfy only one Essential Education requirement.
- Students may choose between an Essential Education minor or the Distribution Pathway. The list of Essential Education minors can be found here.
- Lists of courses for each requirement can be found on the Essential Education page.

First-Year Experience (16 credits)

- Michigan Tech Seminar (1)
- Math (3)
- Natural and Physical Science (3)
- STEM (3)
- Composition (3)
- Foundations in the Human World (3)

Distribution Pathway (18 credits)

- Communication Intensive (3)
- Intercultural Competency (3)
- Arts and Culture (3)
- STEM (3)
- SHAPE (3)
- Essential Education Experience (3)

Activities for Well-being and Success (3 credits)

Math (3)

BUS2100	Business Statistics	3
BUS3000	Introduction to Business Analytics	3
EC4100	Mathematical Economics	3
EC4200	Econometrics	3
MA1020	Quantitative Literacy	3
MA1031	College Algebra II with Trigonometry	3
MA1032	Precalculus	4
MA1135	Calculus for Life Sciences	4
MA1160	Calculus with Technology I	4
MA1161	Calculus Plus with Technology	5
MA2160	Calculus with Technology II	3
MA2720	Statistical Methods	4
MIS4400	Business Intelligence and Analytics	3
PSY2720	Statistics for the Behavioral Sciences	4
SS2720	Statistics for Social Sciences	4
SS4010	Applied Statistics for Social Sciences	3

Natural and Physical Science (3)

BL1100	General Biology I	3
BL1200	General Biology II	3
BL1400	Principles of Biology	3
BL2010	Anatomy & Physiology I	3
BL2160	Botany	4
BL2170	Zoology	4
BL2940	Human Nutrition	3
BL4090	Tropical Island Biology	2
CH1000	Introductory Chemistry	3
CH1150	University Chemistry I (and CH1151)	4
CH1160	University Chemistry II	3
CH2590	The Chemistry of Color and Art Materials	3
FW1035	Wood Anatomy and Properties	3
FW2060	Fundamentals of Environmental Sustainability	3
FW2081	Introduction to Circular Economy	3
FW3330	Soil Science	4
FW3610	Ornithology	4
FW4120	Tree Physiology	3
FW4128	Conservation Genetics	3
FW4240	Mammalogy	4
GE2000	Understanding the Earth	3
GE2300	Mineral Science	3
GE3320	Earth History	3
GE3850	Geohydrology	3
GE4150	Natural Hazards	3
PH1090	The Physics Behind Music	3
PH1110	College Physics I	3
PH1140	Applied College Physics I	3
PH1160	Honors Physics I-Mechanics	3
PH1210	College Physics II	3
PH1600	Introductory Astronomy (and PH1610)	3
PH2100	University Physics I-Mechanics	3
SS3250	Biological Anthropology	3

STEM (6)

All	Math list courses	
All	Natural and Physical Science list courses	
ACC2000	Accounting Principles I	3
ACC2100	Accounting Principles II	3
ACC3000	Intermediate Accounting I	3
ACC3500	Managerial Cost Accounting	3
BL2000	Biology of Movement and Meditation	3
BL3001	Emergency Medical Technician I	3
CS1111	Programming in C/C++	3
CS1121	Introduction to Programming I	3
CS1122	Introduction to Programming II	3
CS1131	Accelerated Introduction to Programming	5
DATA1200	Data Science with Python	3
DATA2201	Foundations of Data Science	3
EET1121	Circuits I	4
EET1411	Basic Electronics	4
ENG1102	Engineering Modeling and Design	3
FIN4000	Investment Analysis	3
FIN4200	Derivatives and Financial Engineering	3
FIN4500	Risk Management	3
FIN4600	FinTech Foundations	3
FIN4700	Global Finance	3
FW3075	Introduction to Biotechnology	3
GE1200	Intro to Data Sci Earth Resources	1
GE2010	Intro to GIS	3
KIP1500	Foundations of Kinesiology	3
KIP3100	Exercise Assessment and Prescription	3
MIS2000	IS/IT Management	3
MIS2100	Introduction to Business Programming	3
MIS3100	Business Database Management	3
MIS3200	Systems Analysis and Design	3
MIS3500	User-Centered Design	3
MIS4000	Emerging Technologies	3
MIS4200	Management of Cyber Security	3
OSM3000	Operations & Supply Chain Management	3
OSM3600	Procurement & Supply Management	3
PSY3060	Brain and Behavior	3
SAT1610	Computer and OS Architecture	3
SAT2711	Linux Fundamentals	3
SND1150	Sound Technology	3
SND4121	Transducer Theory Lab	3
SS2050	Fundamentals of GIS	3
SS3221	Archaeological Sciences	3
SS3510	History of American Technology	3
SS3511	History of Science in America	3
SS3800	Energy Policy and Technology	3

Foundations in the Human World (3)

ART1000	Art Appreciation	3
EC2001	Principles of Economics	3
FIN2400	Financial Literacy	3
FW2801	Intro to Global Climate Change	3
HF2000	Introduction to Engineering Psychology	3
HF2300	Introduction to Human-Centered Design	3
HON2300	Introduction to Human-Centered Design	3
HU2130	Introduction to Rhetoric	3
HU2200	Introduction to World Cultures	3
HU2241	Level I-A Less Commonly Taught Languages	var
HU2242	Level I-B Less Commonly Taught Languages	var
HU2271	Level I-A French Language & Culture	3
HU2272	Level I-B French Language & Culture	3
HU2273	Transitional Level I French Language & Culture	3
HU2281	Level I-A German Language & Culture	3
HU2282	Level I-B German Language & Culture	3
HU2291	Level I-A Spanish Language & Culture	3
HU2292	Level I-B Spanish Language & Culture	3
HU2293	Transitional Level I Spanish Language & Culture	3
HU2324	Introduction to Film	3
HU2400	Conversations on Culture and Diversity	3
HU2503	Introduction to Literature	3
HU2505	Humanities, Science, and Technology	3
HU2700	Introduction to Philosophy	3
HU2701	Logical and Critical Thinking	3
HU2702	Ethical Theory and Moral Problems	3
HU2820	Communication and Culture	3
HU2825	Technology and Media	3
MUS1000	Music Appreciation	3
MUS1140	Popular Songwriting	3
PSY2000	Introduction to Psychology	3
SAT1700	Cyber Ethics	3
SND1000	Sound in Art and Science	3
SS1500	Introduction to History	3
SS2100	Introduction to Cultural Anthropology	3
SS2200	Introduction to Archaeology	3
SS2210	Community Development and Planning	3
SS2300	Environment and Society	3
SS2400	Introduction to Human Geography	3
SS2450	Introduction to Sustainable Tourism	3
SS2500	United States History to 1877	3
SS2501	US History Since 1877	3
SS2502	European History to 1650	3
SS2503	European History Since 1650	3
SS2504	World History to 1500	3
SS2505	World History Since 1500	3
SS2600	American Government and Politics	3
SS2610	Introduction to Law and Society	3
SS2625	Introduction to American Foreign Policy	3
SS2635	Comparative Politics	3
SS2700	Introduction to Sociology	3
SS2750	Racial Inequality	3
SS2801	Intro to Climate Change	3
THEA1000	Theatre Appreciation	3
THEA1140	Foundations of Entertainment Design	3
THEA1400	Acting I	3
UN 1025	Global Issues	3

Composition (3)

UN1014	College Writing and Reading	3
UN1015	College Writing, Reading, and Research	3

Communication Intensive (3)

AF3001	Leading People and Effective Communication	3
CH3124	Communication for the Chemical Sciences	3
HU2500	Writing About Literature	3
HU2510	Intro to Creative Writing	3
HU2810	Research & Writing in Communication	3
HU2830	Public Speaking & Multimedia	3
HU2840	Interpersonal Communication and Technology	3
HU3015	Advanced Composition	3
HU3105	Writing about Numbers	3
HU3120	Technical and Professional Communication	3
HU3130	Rhetoric of Science and Technology	3
HU3140	Rhetoric of Health and Medicine	3
HU3151	The Rhetoric of Everyday Texts	3
HU3160	Rhetoric and Culture of Games	3
HU3282	Level II-B German Language & Culture	3
HU3283	German Composition and Conversation	3
HU3293	Level II-C Spanish Composition & Conversation	3
HU3514	Workshop Creative Nonfiction	3
HU3515	Workshop in Poetry	3
HU3516	Workshop in Fiction	3
HU3517	Literary Theory and Criticism	3
HU3518	Workshop in Sci Fi Writing	3
HU3519	Workshop in Nature Writing	3
HU3606	Editing	3
HU3692	Writing for Scientific Audiences	3
HU3693	Science Writing for Public	3
HU3694	Grant Writing	3
HU3698	Writing for Health/Medical Audiences	3
HU3699	Health/Medical Writing for Public Audiences	3
HU3832	Virtual Encounters	3
HU3845	Human-Machine Communication	3
HU4625	Risk Communication	3
MA4945	History of Mathematics	3
SND4120	Transducer Theory	3
SS3240	Reading the Landscape	3
SS3420	Imaginary Worlds: Geographies of Science Fiction and Fantasy	3
SS3501	Making History	3
SS3520	U.S. Environmental History	3
SS3535	History of Privacy	3
SS3552	Renaissance & Reformation	3
SS3950	Topics in American History	3
SS3951	Topics in European History	3
SS3952	Topics in World History	3
SS4001	History of Social Thought	3
SS4040	Civic Communications	3
SS4540	Global Environmental History	3
SS4550	History of Technology	3
THEA1170	Voice and Movement	3
THEA2310	Drafting for the Entertainment Industry	3
THEA2470	Voice Acting Fundamentals	3
THEA3320	Lighting Design	3
UN1015	College Writing, Reading, and Research	3

Intercultural Competency (3)

ART3180	Color and Creativity: Exploring the Power of Color	3
ART3420	World Sculpture Traditions	3
BL3090	Spirituality in Healthcare	3
BL3970	Current Health Issues	3
EC3100	International Economics	3
EC4710	Labor/Human Resource Economics	3
FW4111	Indigenous Natural Resources Management	3
HU3135	Power and Bias in Technology Design	3
HU3261	Communicating Across Cultures	3
HU3262	Topics in Francophone Cultures	3
HU3263	Topics in German-Speaking Culture	3
HU3264	Topics in Spanish-Speaking Culture	3
HU3284	Level III German Literature & Culture	3
HU3294	Hispanic Literatures and Culture	3
HU3296	Survey of Hispanic Literatures and Cultures	3
HU3326	Topics in World Cinema	3
HU3400	Topics in Diversity Studies	3
HU3401	Gender and Culture	3
HU3502	Mythology	3
HU3507	Cultural Traditions in Literature	3
HU3508	Literature and the Environment	3
HU3545	Literature across Borders	3
HU3554	Science Fiction	3
HU3628	User Research	3
HU3710	Engineering Ethics	3
HU3800	Media and Society	3
HU3830	Creativity, Culture, & Change	3
HU3850	Automated Culture: Critical Approaches to AI	3
HU3855	Power, Activism, and Technology	3
HU3860	Cultural Theory and Popular Culture	3
HU3871	Media Theory	3
HU3950	Sound and Culture	3
HU4271	Modern Language Seminar I-French	3
HU4272	Modern Language Seminar II-French	3
HU4281	Modern Language Seminar I-German	3
HU4282	Modern Language Seminar II-German	3
HU4283	Modern Language Seminar III-German	3
HU4291	Modern Language Seminar I-Spanish	3
HU4292	Modern Language Seminar II-Spanish	3
HU4293	Modern Language Seminar III-Spanish	3
HU4725	Existentialism and Phenomenology	3
MGT3000	Organizational Behavior	3
MGT4100	International Management	3
MKT4300	Global Marketing	3
PSY3340	Psychology of Race	3
PSY3720	Social Psychology	3
PSY4340	Culture and Cognition	3
SS3105	Native American and Indigenous Communities	3
SS3110	Food Systems and Sustainability	3
SS3225	Capitalism and the Modern World	3
SS3260	Latin American Cultural History	3
SS3542	History of Detroit	3
SS3612	International Relations	3

Intercultural Competency continued

SS3640	Selected Topics in Cyber-Law	3
SS3660	Constitutional Law	3
SS3661	Civil Rights & Civil Liberties	3
SS3750	Social Inequality	3
SS3805	Environmental Justice	3
SS3811	Energy Security and Justice	3
SS3920	Topics in Anthropology/Archaeology	3
SS3961	Preparing for Cross-Cultural Immersion Experiences	3
SS4211	Ethnographic Methods	3
SS4420	Memory and Heritage	3
SS4450	Sustainable Tourism and Planning	3
SS4710	Geographies of Migrant and National Communities	3
THEA3201	Theatre History	3
THEA3230	Costume History	3
THEA3330	Costume Design	3

Seminar (1)

BUS1100	Introduction to Business	3
BL1580	First-Year Experience in Biological Sciences	1
BL1600	First-Year Experience in MLS	1
CH1134	Professional Development Seminar for Chemists	1
CMG1000	Introduction to Construction Management	2
CS1000	Explorations in Computing	1
DATA1000	Explorations in Data Science	1
ENG1101	Engineering Analysis and Problem Solving	3
FW1050	Natural Resource Professional	2
GE1100	Geo-Orientation	1
HF1999	Introduction to HF Major	1
HU1000	Introduction to Humanities	3
KIP1000	Introduction to Exercise Science	1
MA1910	Exploring Symmetry Groups	3
MA1920	Exploring Knots and Surfaces	3
MA1930	Exploring Number Theory	3
MA1940	Exploring Non-Euclidean Geometry	3
NUR1100	Introduction to Nursing	2
PH1162	Introduction to Physics Seminar	1
PSY1999	Introduction to the Psychology Major	1
SAT1000	Introduction to Applied Computing	1
SS1001	Orientation to the Social Sciences	1
THEA1001	First Year Arts Seminar	1
UN1013	Michigan Tech Seminar	1
UN2013	Michigan Tech Transfer Seminar	1

Arts and Culture (3)

ART1000	Art Appreciation	3
ART1100	Drawing I	3
ART1110	Art + Design Studio	3
ART2100	Drawing II	3
ART2110	Art on Site	3
ART2140	Ceramics I	3
ART2145	Beginning Wheel Throwing	3
ART2170	Fiber Arts	3
ART2195	Art and Flora	3
ART2350	Scenic Art & Scenic Illustration	3
ART2950	Creative Campus: Local Arts Immersion	3
ART3130	Creative Drawing II	3
ART3140	Creative Ceramics	3
ART3145	Ceramic Sculpture	3
ART3410	Contemporary Sculpture Studio	3
ART3850	Special Topics: Art	var
ART4410	Advanced Sculpture Studio	3
ART4440	Advanced Ceramics	3
ART4450	Advanced Creative Drawing & Painting	3
HU2200	Introduction to World Cultures	3
HU2400	Conversations on Culture and Diversity	3
HU2501	American Experience in Literature	3
HU2503	Intro to Literature	3
HU2538	British Experience in Literature	3
HU2548	Young Adult Literature	3
HU2633	Fundamentals of Digital Imaging	3
HU2645	Graphic and Information Design	3
HU2820	Communication and Culture	3
HU3241	Level II-A Less Commonly Taught Languages	var
HU3242	Level II-B Less Commonly Taught Languages	var
HU3271	Level II-A French Language & Culture	3
HU3272	Level II-B French Language & Culture	3
HU3273	Level II-C French Composition & Conversation	3
HU3274	Level III Topics in French Literature & Culture	3
HU3275	Level III French for Special Purposes	3
HU3281	Level II-A German Language & Culture	3
HU3285	Level III German Film & Media	3
HU3291	Level II-A Spanish Language & Culture	3
HU3292	Level II-B Spanish Language & Culture	3
HU3327	Film Style and Genre	3
HU3503	Special Topics in Literature and Culture	3
HU3504	Studies in the Novel	3
HU3505	Special Topics Literary Forms	3
HU3506	Major Authors	3
HU3509	Studies in Drama	3
HU3513	Shakespeare	3
HU3557	Literature and Science	3
HU3630	Publication and Information Management	3
HU3700	Philosophy of Science	3
HU3701	Philosophy of Technology	3
HU3702	Philosophy of Religion	3
HU3704	Ethics of Artificial Intelligence	3
HU3705	Media and Communication Ethics	3
HU3711	Biomedical Ethics	3
HU3802	Media and Globalization	3
HU3852	See and Be Seen: Data, Surveillance & Society	3
HU3872	Machines in the Mist: Visuality and Culture	3

Arts and Culture continued

HU3882	Media Industries	3
HU4327	Multimedia Storytelling	3
HU4370	Documentary Workshop	3
HU4642	Advanced Topics in Media	3
HU4701	Political Philosophy	3
MUS1000	Music Appreciation	3
MUS1100	Western Music Fundamentals	3
MUS1140	Popular Songwriting	3
MUS1580	Group Voice	3
MUS2000	History of Classical Music	3
MUS2001	Film Music	3
MUS2020	History of Rock	3
MUS2030	History of Jazz	3
MUS2040	Music and Tradition	3
MUS2103	Jazz Theory and Aural Skills	3
MUS3020	Beatles and Beach Boys	3
MUS3130	Jazz Improvisation	3
MUS3210	Electronic Music: History and Practice	3
MUS3850	Special Topics: Music	var
MUS4130	Jazz Arranging	3
PSY2082	Psychology of Friendship	3
PSY2083	Psychology of Happiness	3
PSY2600	Death and Dying	3
PSY3880	Psychology of Social Media	3
SND1101	Introduction to Music Mixing	3
SND1102	Intro to Audio Production	3
SND3850	Special Topics: Sound	var
SS2100	Intro to Cultural Anthropology	3
SS2500	United States History to 1877	3
SS2501	United States History Since 1877	3
SS2502	European History to 1650	3
SS2503	European History Since 1650	3
SS2504	World History to 1500	3
SS2505	World History Since 1500	3
SS2510	Gender and the Past	3
SS2630	Culture and Society	3
SS3513	History of Making Things: Craft and Industry in America	3
SS3530	The Automobile in America	3
SS3540	History of Michigan	3
SS3580	Technology and Society in History	3
SS3581	History of Science	3
SS4200	Environmental Anthropology	3
SS4220	Archaeological Thought in Society	3
SS4552	Historical Archaeology	3
SS4553	Material Culture Studies	3
SS4600	Indus & Historical Archaeology	3
SS4990	Directed Study in Anthropology	var
THEA1000	Theatre Appreciation	3
THEA3400	Acting II	3
THEA3850	Special Topics: Theatre	var
THEA4400	Acting: Shakespeare	3
THEA4402	Musical Theatre Performance	3

SHAPE Elective (3)

All	Foundations Courses list courses	
All	Arts and Culture Courses list courses	
All	Communication Intensive Courses list courses	
All	Intercultural Competency Courses list courses	
AF1340	Field Training	1
AF2001	Team and Leadership Fundamentals I	1
AF2002	Team and Leadership Fundamentals II	1
AF3001	Leading People and Effective Communication I	3
AF3002	Leading People and Effective Communication II	3
AF4001	Nat'l Security/Leadership Resp/Commissioning Prep I	3
AF4002	Nat'l Security/Leadership Resp/Commissioning Prep II	3
AR2001	Leadership and Ethics w/Lab	2
AR2002	Army Doctrine and Decision Making w/Lab	2
BL2001	Valuing the Great Lakes	3
BUS2200	Business Law	3
CS3000	Ethical and Social Aspects of Computing	3
EC3002	Microeconomic Theory	3
EC3003	Macroeconomic Theory	3
EC3300	Industrial Organization	3
EC3400	Economic Decision Analysis	3
EC4050	Game Theory/Strategic Behavior	3
EC4400	Banking and Financial Institutions	3
EC4500	Public Sector Economics	3
EC4620	Energy Economics	3
EC4630	Mineral Industry Economics	3
EC4640	Natural Resource Economics	3
EC4650	Environmental Economics	3
ENG2060	Facilitating Group Learning	1
ENG3060	Developing Mentoring Skills	1
ENG4060	Leadership in Group Environments	1
ENT2961	Teaming in the Enterprise	2
ENT2962	Communication Contexts	1
ENT3958	Ethics in Engineering	1
FIN4300	Personal Financial Planning	3
FW3313	Sustainable Science	3
GE2100	Environmental Geology	3
HF3850	Human Factors	3
HF4015	Cognitive Task Analysis	3
HON2150	Know Yourself	1
HON3150	Pavlis Seminar II	1
HON3350	Navigate Your World	3
HON4150	Pavlis Seminar III	1
HON4350	Tell Your Story	3
HU2600	Introduction to Writing in Science & Technology	3
HU2646	Writing with Web Technologies	3
HU3121	Advanced Technical Writing	3
HU3295	Level III Advanced Spanish for Literacies	3
HU4628	Usability Evaluation and Testing	3
HU4635	Principles of User Experience Design	3
HU4890	Topics in Communication	3
KIP2600	Introduction to Public Health	3
KIP3700	Lifetime Fitness	3
MGT2000	Team Dynamics	3
MGT3100	Leadership Development	3
MGT3650	Intellectual Property Management	3
MGT3800	Entrepreneurship	3

SHAPE Elective continued

MGT4300	Developing Entrepreneurial Ventures	3
MGT4600	Management of Technology and Innovation	3
MGT4650	Commercialization of Advanced Technologies	3
MKT3000	Principles of Marketing	3
MKT3200	Consumer Behavior and Culture	3
MKT4100	Sales and Sales Management	3
PSY2010	Wellness and Resilience for College and Beyond	3
PSY2080	Special Topics in Psychology	var
PSY2081	Psychology of Video Games	3
PSY2110	Educational Psychology	3
PSY2400	Health Psychology	3
PSY2800	Critical Thinking for Social and Behavioral Sciences	3
PSY2900	An Introduction to Restorative Practices	3
PSY3010	Theories of Personality	3
PSY3030	Abnormal Psychology	3
PSY3200	Motivation and Emotion	3
PSY3400	Developmental Psychology	3
PSY3600	Cognitive Psychology	3
PSY3700	Industrial/Organizational Psychology	3
PSY3800	Environmental Psychology	3
PSY4080	Topics in Psychology	var
PSY4750	Judgment and Decision Making	3
SS2001	Intro to Social Science Research	3
SS2620	Introduction to Public Policy	3
SS3200	Archaeology of the Modern World	3
SS3230	Archaeology of Industry	3
SS3280	Anthropology of Energy	3
SS3315	Population and Environment	3
SS3505	Military History of the U.S.	3
SS3515	History of American Architecture	3
SS3621	Non-Profit Management	3
SS3625	Policy Analysis	3
SS3630	Environmental Policy & Politics	3
SS3650	Intellectual Property Management	3
SS3755	Sustainability and the Private Sector	3
SS3801	Science, Technology, & Society	3
SS3815	Energy and Society	3
SS3990	Topics in the Social Sciences	var
SS4009	Survey Methods	3
SS4120	Sustainable Development	3
SS4230	Archaeological Analysis and Interpretation	3
SS4313	Sustainability Science	3
SS4390	Seminar in Sustainability	3
SS4400	Environmental Sociology	3
SS4554	Global Industrial History	3
SS4995	Topics in the Social Sciences	var
THEA1110	Entertainment Technology I	3
THEA1120	Lighting Technology I	3
THEA1130	Costume Technology I	3
THEA3340	Scenic Design	3

Essential Education Experience (3)

ART3190	Art, Nature, and Contemplative Photography	3
ART3900	Study Away: Regional Arts Immersion	var
ART3950	International Arts Immersion	var
ENG4070	Peer Mentoring Practicum	3
FW3111	Wild Foods: Northern Forests	3
FW3114	Reading the Forest	3
FW3760	Human Dimensions in Natural Resources Stewardship	3
FW3766	Maple Syrup, Management & Culture	3
HON3999	Experiential Community Engagement	3
HON4070	Leadership Practicum	var
HON4400	Makerspace Operations	3
HU3000	Humanities Experience: Community-engaged learning	3
HU3289	HU Experience: German Abroad	3
HU3298	Experience Spanish Language & Culture thru Teaching	3
HU3299	Exploring a Hispanic City by Analyzing its Film Production	3
HU3370	The Documentary Experience	3
HU3442	Humanities Experience in Public Writing	3
HU3621	HU Experience in Journalism	3
HU3703	HU Experience in Environmental Philosophy	3
HU3810	HU Experience in Technology & Critical Making	3
HU3825	HU Experience in Environmental Communication	3
HU4041	HU Experience in Communication for Sustainability	3
MUS3700	Visual and Performing Arts Tour	var
PSY3510	Peer Support Communities Foundations & Practice	3
PSY3511	Teaching Digital Newcomers	3
PSY3512	Sparking Curiosity – Summer Youth Programs	3
SS3210	Field Archaeology	var
SS3235	A Wasted Past: World of Goods, Trash & Sust.	3
SS3541	The Copper Country	3
SS3626	STEM Policy Lab at MTU	3
SS3665	Crime, Incarceration, & Policy	3
SS3760	Human Dimensions in Natural Resources Stewardship	3
SS3915	Experiencing Museums	3
SS3918	Community-Engaged Experiences	3
SS3960	Cultural Immersion	var
SS3962	Experiencing Cross-Cultural Immersion	3
SS4050	Advanced GIS Methods	3
SS4530	Deindustrialization and the Urban Environment	3
SS4551	Industrial Communities	3
SS4700	Communities and Research	3
SS4915	Effective Social Action	3
THEA4190	Directing for Theatre	3
UN3013	Interdisciplinary Experience	var
UN3950	Enterprise Experience I	1
UN3960	Enterprise Experience II	2

Activities for Well-Being and Success (3)

AF1120	Physical Conditioning	1
AF1130	Air Force Elite Workout	1
AF1230	Precision Drill Team	1
AF1340	Field Training	1
AR1001	Introduction to the Army w/Lab	1
AR1003	Foundations of Leadership w/Lab	1
AR2068	Fall Military Physical Conditioning	1
AR2069	Spring Military Physical Conditioning	1
AR3068	Physical Training Leadership I	1
AR3069	Physical Training Leadership II	1
ART1850	Special Arts Activities for Wellness + Success	1
ART1855	Special Arts Workshop for Wellness + Success	.5
ENT3953	Ignite: Ideate, Innovate, Create!	1
ENT3959	Fundamentals of Six Sigma	1
ENT3961	Building and Leading Teams	1
ENT3963	Deliver: Explore, Develop, Execute!	1
ENT3964	Project Management	1
ENT3971	7 Habits of Highly Effective People	1
ENT3982	Continuous Improvement Using Lean Principles	1
ENT3983	The Culture of Continuous Improvement	1
FW3620	Field Ornithology	1
HON1150	Launch Your Journey	1
KIP1900	Student Athlete 101	1
MUS1510	Huskies Pep Band	1
MUS1511	Campus Concert Band	1
MUS1530	Workshop Brass Band	1
MUS1570	Private Music Instruction	1
MUS2530	R & D Jazz Band	1
MUS2580	Concert Choir	1
MUS3500	Keweenaw Symphony Orchestra	1
MUS3510	Superior Wind Symphony	1
MUS3530	Jazz Lab Band	1
MUS3580	Chamber Choir	1
MUS4510	Chamber Music Ensemble	1
MUS4530	Jazz Combo	var
PE1000	Fitness Foundations	1
PE1010	Active Michigan Tech	1
PE1028	Ski Patrol (Hill)	1
PE1101	Team Sports	1
PE1102	Hockey	1
PE1103	Bait and Fly Casting	1
PE1105	Bowling	1
PE1106	Golf	1
PE1108	Broomball	1
PE1109	Aikido	1
PE1113	Disc Sports	1
PE1115	Beginning Swimming	1
PE1116	Intermediate Swimming	1
PE1117	Fitness Swimming	1
PE1118	Weight/Fitness Training	1
PE1119	Conditioning	1
PE1120	Beginning Alpine Skiing (Downhill)	1
PE1121	Beginning Snowboarding	1
PE1123	Telemark Skiing	1
PE1124	Intermediate Alpine Skiing (Downhill)	1
PE1125	Intermediate Snowboarding	1
PE1126	Advanced Skiing	1
PE1127	Advanced Snowboarding	1

Activities for Well-Being and Success continued

PE1128	Alpine Skiing Fusion	1
PE1129	Snowboard Fusion	1
PE1135	Cross Country Skiing	1
PE1138	Racquet Sports	1
PE1140	Tennis	1
PE1142	Introduction to Brazilian Jiu Jitsu	1
PE1145	Rifle Marksmanship	1
PE1146	Billiards	1
PE1148	Skating	1
PE1150	Lifetime Activities	1
PE1152	Social Dance	1
PE1153	Zumba	1
PE1154	Aerobics	1
PE1155	Road Biking	1
PE1156	Mountain Biking	1
PE1165	Rowing	1
PE1167	Beginning Yoga	1
PE1169	Indoor Cycling	1
PE1170	TaeKwonDo	1
PE1175	Hiking	1
PE1177	Fundamentals of Laser Tag	1
PE1205	Special Topics	.5
PE1209	Intermediate Aikido	1
PE1210	Special Topics	1
PE1220	Introduction to Canoeing	1
PE1225	Indoor Rock Climbing	1
PE1230	Introduction to Kayaking	1
PE1235	Introduction to Log Rolling	1
PE1240	Snowshoeing	1
PE1242	Brazilian Jiu Jitsu II	1
PE1245	Wilderness First Responder	1
PE1250	Paintball	1
PE1267	Intermediate Yoga	1
PE1270	Cardio TaeKwonDo	1
PE1277	Strategies of Laser Tag	1
PE1330	Club Sports	1
PE1342	Intro to Kickboxing	1
PE1367	Mindful Yoga	1
PE1425	Intramurals	1
PE1430	Club Sports Leadership	1
PE1435	Self-Defense for Women	1
PE1436	Self-Defense for Men	1
PE1442	Kickboxing II	1
PE1450	Physical Education Fusion – Full	1
PE1451	Mountain/Road Bike Fusion	1
PE1470	Lifeguard Swimming	1
PE1480	Water Safety Instructor	1
PE2010	Varsity Football	1
PE2020	Varsity Basketball	1
PE2030	Varsity Hockey	1
PE2040	Varsity Nordic Skiing	1
PE2050	Varsity Soccer	1
PE2080	Varsity Track	1
PE2090	Varsity Tennis	1
PE2130	Varsity Volleyball	1
PE2140	Varsity Cross Country	1
PE2150	Cross Training	1
PE2160	Varsity Esports	1

Activities for Well-Being and Success continued

PE2210	Special Topics in Physical Education	1
PSY1100	Building Emotional Resilience	1
PSY1101	Enhanced Performance through Biofeedback/MSPE	1
PSY1102	Practical Approaches for Emotional Regulation	1
PSY1103	Mindfulness Based Stress Reduction (MBSR)	1
PSY1104	Motivation through Self-Compassion	1
PSY1105	Foundations of Well-being	1
SA1000	Exploring Majors	1
SND1570	Private Mixing Lessons	.5
SND2663	Career Development	1
SND2664	Career Development: AES National	1
SND2665	Career Development: AES Student Summit	1
SS3913	Sustainable Living Practicum	var
THEA2600	Acting Practicum	1
THEA2610	Entertainment Tech Practicum	var
THEA2663	Career Development	1
THEA3650	Portfolio Development	1
UN1000	Frameworks for Success for ExSEL	1
UN1010	Creating Your Success for Themed Communities	1
UN1011	Strategies for Success	1
UN1016	Writing Studio	1
UN1018	Designing Your Career Path	1
UN1020	Husky Connect Success	1
UN3023	Advanced Portfolio for Essential Ed	1
All	0-level courses taken for the General Education Cocurricular requirement	

APPROVED TRANSFER COURSES

The following courses are available ONLY by transfer.

Math

MA1XXX	Approved Transfer Math

Natural and Physical Science

BL1XXX	Approved Natural & Physical Science
BL2XXX	Approved Natural & Physical Science
BLL1XXX	Approved Natural & Physical Science
BLL2XXX	Approved Natural & Physical Science
CH1XXX	Approved Natural & Physical Science
CH2XXX	Approved Natural & Physical Science
CHL1XXX	Approved Natural & Physical Science
CHL2XXX	Approved Natural & Physical Science
FW1XXX	Approved Natural & Physical Science
FW2XXX	Approved Natural & Physical Science
FWL1XXX	Approved Natural & Physical Science
FWL2XXX	Approved Natural & Physical Science
GE1XXX	Approved Natural & Physical Science
GE2XXX	Approved Natural & Physical Science
GEL1XXX	Approved Natural & Physical Science
GEL2XXX	Approved Natural & Physical Science
KIP1XXX	Approved Natural & Physical Science
KIP2XXX	Approved Natural & Physical Science
KIPL1XXX	Approved Natural & Physical Science
KIPL2XXX	Approved Natural & Physical Science
PH1XXX	Approved Natural & Physical Science
PH2XXX	Approved Natural & Physical Science
PHL1XXX	Approved Natural & Physical Science
PHL2XXX	Approved Natural & Physical Science
SCI1XXX	Approved Natural & Physical Science
SCI2XXX	Approved Natural & Physical Science
SCIL1XXX	Approved Natural & Physical Science
SCIL2XXX	Approved Natural & Physical Science

STEM

All Math and Natural and Physical Science approved transfer courses listed previously

Communication Intensive

HU1XX5	Approved Transfer Communication Intensive
HU2XX5	Approved Transfer Communication Intensive
HU3XX5	Approved Transfer Communication Intensive
HU4XX5	Approved Transfer Communication Intensive
CMIN1XXX	Approved Transfer Communication Intensive
CMIN2XXX	Approved Transfer Communication Intensive
CMIN3XXX	Approved Transfer Communication Intensive
CMIN4XXX	Approved Transfer Communication Intensive

Intercultural Competency

INCU3XXX	Approved Transfer Intercultural Competency
INCU4XXX	Approved Transfer Intercultural Competency

Arts and Culture

ARCU1XXX	Approved Transfer Arts and Culture
ARCU2XXX	Approved Transfer Arts and Culture
ARCU3XXX	Approved Transfer Arts and Culture
ARCU4XXX	Approved Transfer Arts and Culture
ART1XXX	Approved Transfer Arts and Culture
ART2XXX	Approved Transfer Arts and Culture
ART3XXX	Approved Transfer Arts and Culture
ART4XXX	Approved Transfer Arts and Culture
MUS1XXX	Approved Transfer Arts and Culture
MUS2XXX	Approved Transfer Arts and Culture
MUS3XXX	Approved Transfer Arts and Culture
MUS4XXX	Approved Transfer Arts and Culture

SHAPE

ART1XXX	Approved SHAPE elective
ART2XXX	Approved SHAPE elective
ART3XXX	Approved SHAPE elective
ART4XXX	Approved SHAPE elective
EC1XXX	Approved SHAPE elective
EC2XXX	Approved SHAPE elective
EC3XXX	Approved SHAPE elective
EC4XXX	Approved SHAPE elective
HF1XXX	Approved SHAPE elective
HF2XXX	Approved SHAPE elective
HF3XXX	Approved SHAPE elective
HF4XXX	Approved SHAPE elective
HU1XXX	Approved SHAPE elective
HU2XXX	Approved SHAPE elective
HU3XXX	Approved SHAPE elective
HU4XXX	Approved SHAPE elective
MUS1XXX	Approved SHAPE elective
MUS2XXX	Approved SHAPE elective
MUS3XXX	Approved SHAPE elective
MUS4XXX	Approved SHAPE elective
PSY1XXX	Approved SHAPE elective
PSY2XXX	Approved SHAPE elective
PSY3XXX	Approved SHAPE elective
PSY4XXX	Approved SHAPE elective
SND1XXX	Approved SHAPE elective
SND2XXX	Approved SHAPE elective
SND3XXX	Approved SHAPE elective
SND4XXX	Approved SHAPE elective
SS1XXX	Approved SHAPE elective
SS2XXX	Approved SHAPE elective
SS3XXX	Approved SHAPE elective
SS4XXX	Approved SHAPE elective
THEA1XXX	Approved SHAPE elective
THEA2XXX	Approved SHAPE elective
THEA3XXX	Approved SHAPE elective
THEA4XXX	Approved SHAPE elective

Activities for Well-Being and Success

PE1XXX	Approved Activities elective
PE2XXX	Approved Activities elective
ACTV1XXX	Approved Activities elective
ACTV2XXX	Approved Activities elective