Michigan Technological University

Minor in Economics and Society

Program Code BESM, Academic Year 2026-2027

College of Business

Minimum Credits Required: 19

List 1 Essentials of Economics [SHAPE Course] (6 credits)

- EC 2001 Principles of Economics (3) *Prereqs: MA1020 or MA1030 or MA1031 or MA1032 or MA1120 or MA1135(C) or MA1160(C) or MA1161(C) or MA1121(C)*
- EC 3002 Microeconomic Theory (3) *Prereqs: EC2001 and (MA1135 or MA1160 or MA1161 or MA1121)*
- EC 3003 Macroeconomic Theory (3) *Prereqs: EC2001 and (MA1135 or MA1160 or MA1161 or MA1121)*

List 2 Special Topics in Economics [SHAPE Course] (3 credits)

- EC 3100 International Economics (3) *Prereqs: EC2001*
- EC 3300 Industrial Organization (3) *Prereqs: EC2001*
- EC 3400 Economic Decision Analysis (3) *Prereqs: none*
- EC 4050 Game Theory/Strategic Behavior (3) *Prereqs: none*
- EC 4400 Banking and Financial Institutions (3) *Prereqs: EC3003 or FIN3000*
- EC 4620 Energy Economics (3) *Prereqs: EC2001*
- EC 4630 Mineral Industry Economics (3) *Prereqs: EC2001*
- EC 4640 Natural Resource Economics (3) *Prereqs: EC 2001 or EC 3002 or FW 4080*
- EC 4650 Environmental Economics (3) *Prereqs: EC2001 or EC3002*
- EC 4710 Labor/Human Resource Economics (3) *Prereqs: EC2001*

List 3 Communicating in Society [Communication Intensive] (3 credits)

- AF 3001 Leading People and Effective Communication (3) *Prereqs: UN1015*
- HU 2810 Research Writing in Communications (3) *Prereqs: UN1015(C)*
- HU 2830 Public Speaking and Multimedia (3) *Prereqs: none*
- HU 3120 Technical and Professional Communications (3) *Prereqs: none*
- HU 3130 Rhetoric of Science and Technology (3) *Prereqs: UN1015*
- HU 3693 Science Writing (3) *Prereqs: UN1015*
- HU 3694 Grant Writing (3) *Prereqs: UN1015*
- HU 3832 Virtual Encounters (3) *Prereqs: UN1015*
- HU 3845 Human-Machine Communication (3) *Prereqs: UN1015*
- HU 4625 Risk Communication (3) *Prereqs: UN1015*
- SS 3520 U.S. Environmental History (3) *Prereqs: UN1015*
- SS 4001 History of Social Thought (3) *Prereqs: UN1015*
- SS 4040 Civic Communications (3) *Prereqs: SS2001 and UN1015*
- SS 4540 Global Environmental History (3) *Prereqs: SS3520 and UN1015*

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List 4 Intercultural Competency (3 credits)

- FW 4111 Indigenous Natural Resource Management (3) *Prereqs: none*
- HU 3508 Literature and the Environment (3) *Prereqs: UN1015*
- PSY 3340 Psychology of Race (3) *Prereqs: UN1015 and PSY2000*
- PSY 3720 Social Psychology (3) *Prereqs: UN1015 and PSY2000*
- PSY 4340 Culture and Cognition (3) *Prereqs: UN1015 and PSY2000*
- SS 3105 Native American and Indigenous Communities (3) *Prereqs: UN1015*
- SS 3225 Capitalism and the Modern World (3) *Prereqs: UN1015*
- SS 3260 Latin American Cultural History (3) *Prereqs: UN1015*
- SS 3612 International Relations (3) *Prereqs: UN1015*
- SS 3640 Selected Topics in Cyber-Law (3) *Prereqs: UN1015*
- SS 3660 Constitutional Law (3) *Prereqs: UN 1015*
- SS 3661 Civil Rights & Civil Liberties (3) *Prereqs: UN 1015*
- SS 3750 Social Inequality (3) *Prereqs: UN 1015*
- SS 3805 Environmental Justice (3) *Prereqs: UN 1015*
- SS 3811 Energy Security and Justice (3) *Prereqs: UN 1015*
- SS 3920 Topics in Anthropology/Archaeology (3) *Prereqs: UN 1015*
- SS 3961 Preparing for Cross-Cultural Immersion Experiences (3) *Prereqs: UN1015*
- SS 4211 Ethnographic Methods (3) *Prereqs: UN1015*
- SS 4420 Memory and Heritage (3) *Prereqs: none*
- SS 4450 Sustainable Tourism and Planning (3) *Prereqs: UN1015 and (SS 2450 or SS 2100 or SS 2400 or SS 2700)*
- SS 4710 Geographes of Migrant and National Communities (3) *Prereqs: UN1015*

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List 5 Complementary Societal Skills [Unrestricted Courses] (3 credits)

- EC 4100 Mathematical Economics (3) *Prereqs: EC2001 and (MA1160 or MA1161 or MA1121 or MA1135)*
- EC 4200 Econometrics (3) *Prereqs: (EC2001 or EC3002 or EC3003) and (BUS2100 or MA2710 or MA2720 or MA3710) and (MA1135 or MA1160 or MA1161 or MA1121)*
- ENG 1101 Engineering Analysis & Problem Solving (3) *Prereqs: (MA1031(C) or MA1032(C) or MA1120(C) or MA1160(C) or MA1161(C) or MA1121(C) or MA2160(C) or MA3160(C))*
- FW 2081 Intro to the Circular Economy (3) *Prereqs: none*
- FW 3510 Outdoor Recreation & Tourism (3) *Prereqs: none*
- FW 3540 Intro to GIS for Natural Resource Management (3) *Prereqs: MA2710(C) or MA2720(C) or MA3710(C) or ENVE3502 or CEE3502(C)*
- FW 4080 Forest Economics and Finance (3) *Prereqs: none*
- GE 2010 Introduction to Geographic Information Systems (3) *Prereqs: MA1160 or MA1161 or MA1121*
- MA 2320 Elementary Linear Algebra (2) *Prereqs: MA1160 or MA1161 or MA1135 or MA1121*
- MA 2321 Elementary Linear Algebra (2) *Prereqs: MA2160*
- MA 2330 Introduction to Linear Algebra (3) *Prereqs: MA1160 or MA1161 or MA1135 or MA1121*
- MA 3160 Multivariate Calculus w/Tech (4) *Prereqs: MA2160*
- MA 3520 Elementary Differential Equations (2) *Prereqs: MA 2160 and (MA2320 or MA2321 or MA2330)*
- MA 3521 Elementary Differential Equations (2) *Prereqs: MA2160*
- MA 3530 Introduction to Differential Equations (3) *Prereqs: MA2160 and (MA2320 or MA2321 or MA2330)*
- MA 3720 Probability (3) *Prereqs: MA 2160*
- MA 4780 Time Series Analysis & Forecasting (3) *Prereqs: (MA2710 or MA2720 or MA3710 or MA3715) and (MA3720 or EE3180)*
- MIS 2100 Intro to Business Programming (3) *Prereqs: none*
- MIS 3100 Business Database Management (3) *Prereqs: MIS2000 or MIS2100 or CS1122 or CS1131*
- MIS 4400 Business Intelligence and Analytics (3) *Prereqs: (MIS2100 or CS1122 or CS1131) and (MIS3100 or CS3425)*
- MKT 3600 Marketing Data Analytics (3) *Prereqs: (MA2710 or MA2720 or MA3710 or BUS2100) and MKT3000*
- OSM 3150 Introduction to Supply Chain Management (3) *Prereqs: none*
- OSM 3600 Procurement and Supply Management (3) *Prereqs: none*
- SS 2050 Foundations of GIS (3) *Prereqs: none*
- SS 3315 Population and Environment (3) *Prereqs: UN1015*
- SS 3755 Sustainability and the Private Sector (3) *Prereqs: UN1015*
- SS 4120 Sustainable Development (3) *Prereqs: UN1015*

ePortfolio Submission (1 credit)

- UN 3023 Advanced Portfolio for Essential Ed (1) *Prereqs: none*