**MSU General Ed. Requirements**

### Communications Area (WRA)
- MSU requires ENG 112

### Natural Science Area (ISB/ISP)
- MSU requires: at least MTH 121 + 2 science w/ labs
- ONE Biological Science & ONE Physical Science

#### Biological Science - Choose ONE course
- BIO 106 Human Biology 4
- BIO 108 Plant Biology 4
- BIO 110 Essential Biology ‡ 4
- BIO 115 Cell, Plant & Ecosystem Bio 4
- BIO 116 Cell & Animal Biology 4
- BIO 208 Microbiology **** 4
- BIO 215 Genetics (no lab) 3
- BIO 227 Human A & P I ‡ 4
- BIO 228 Human A & P II † 4
- BIO 250 Nat. History/Vertebrates 4

#### Environmental Science dept.
- ENV 104 Life of the Past 4
- ENV 131 Oceanography 4
- ENG 231 Environmental Science † 4

#### Physical Science - Choose ONE course

### Astronomy dept.
- AST 109 Planetary Astronomy 4
- AST 119 Astronomy 4

### Chemistry dept.
- CHM 101 Intro. to Chemistry † 4
- CHM 150-150R General Chemistry I 5
- CHM 151-151R General Chemistry II 5
- CHM 250 Organic Chemistry I † 5
- CHM 251 Organic Chemistry II † 5

### Environmental Science dept.
- ENV 103 Earth Science 4
- ENV 111 Physical Geology 4
- ENV 112 Historical Geology 4
- ENV 270a MI Basin Geology 2
- ENV 270b Field Mapping 2
- ENV 270c Precambrian Geology of MI 2

### Physics department.
- PHY 105 Physics World Around Us 4
- PHY 121 General Physics I 4
- PHY 122 General Physics II 4
- PHY 221&221R Prob & Prin Physics 5
- PHY 222&222R Prob & Prin Physics 5

#### Group 2 Courses
- (Will NOT count toward MACRAO or MTA)
- AST 107 Observational Astronomy 2

#### Group 2 Courses
- (Will NOT count toward MACRAO or MTA)
- HST 111 Intro to Humanities **** 3
- HUM 102 Intro to Humanities **** 3
- HUM 116 World Cultures **** 4

### Humanities Area (IAH)
- MSU requires 8 credits from 2 depts.
- HST 111 or 112 strongly recommended

### English dept.
- ART 100 Art Appreciation 3
- ART 111 Hist Western Art I 4
- ART 112 Hist Western Art II **** 4
- ART 213 Modern Art History 3
- ART 214 Women in Art 3

### History dept.
- HST 101 Wtrmn CIV to 1500AD **** 4
- HST 102 Wtrmn CIV from 1500AD 4
- HST 111 US History to 1865 4
- HST 112 US History from 1865 4
- HST 211 Native Am History 3
- HST 212 African Am History 3
- HST 213 Am Women’s History 3
- HST 225 American Civil War 3
- HST 228 Vietnam War 3
- HST 235 20th Century Europe 3

### Anthropology dept.
- ANT 115 Cultural Anthropology 3

### Economics dept.
- ECO 201 Macroeconomics ‡ 3
- ECO 202 Microeconomics † 3

### Env Sciece dept.
- ENV 117 Meteorology & Climat 4
  (Will count as Group 1
  Science for MACRAO or MTA)

### Geography dept.
- GEO 101 Intro to Geography 3
- GEO 105 & 105L Phys Geo 4
- GEO 108 Geo of US/Canada 3
- GEO 109 World Regional Geo 3
- GEO 115 Introduction to GIS 3

### Political Science dept.
- PLS 101 Intro to Am Politics 3
- PLS 132 Comparative Politics 3
- PLS 211 International Relations 3
- PLS 222 Intro to Poli Theory 3

### Psychology dept.
- PSY 101 Intro to Psychology † 3
- PSY 211 Develop Psychology † 3
- PSY 212 Psy Exceptn Child *** 3
- PSY 221 Psych of Personality † 3
- PSY 223 Intro to Social Psy † 3
- PSY 250 Developmental Psych † 3

### Sociology dept.
- SOC 101 Intro to Sociology 3
- SOC 201 Modern Social Problems 3
- SOC 220 Gender and Society 3

### Group 2 Courses
- (Will NOT count toward MACRAO or MTA)
- ANT 102 Underwater Archeology 3
- CJ 101 Intro to Criminal Jus 4
- CJ 211 Criminal Law 3
- LWE 102 Police Operations 4
- LWE 226 Michigan Criminal Law 3
- LWE 227 Criminal Procedures 3
- SWK 121 Intro to Social Work 2

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* Equivalency expires spring ’16
** Equivalency expires fall ’16
*** Equivalency expires summer ’17
**** Equivalency expires spring ’18
† Equivalency expires summer ’18
‡ Equivalency expires fall ’18
§ Equivalency expires spring ’19
¶ Equivalency expires spring ’20

Updated February 4, 2016