### Communications/Composition List
The MTA requires 2 semesters of English Composition.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111 English Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENG 112 English Composition</td>
<td>4</td>
</tr>
</tbody>
</table>

### Social Science List
The MTA requires 2 courses (6 semester credits) representing 2 departments below.

**Anthropology dept.**
- *ANT 113 Cultural Anthropology 3*

**Economics dept.**
- ECO 201 Macroeconomics 3
- ECO 202 Microeconomics 3

**Geography dept.**
- *GEO 101 Intro to Geography 3*
- GEO 105 & 105L Phys Geog/Lab 4
- *GEO 108 Geography of US/Canada 3*
- *GEO 109 World Regional Geog 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 Political Theory 3
- *PLS 233 U.S. Foreign Policy 3*

**Psychology dept.**
- PSY 101 Intro to Psychology 3
- PSY 211 Develop Psychology 3
- PSY 221 Psych of Personality 3
- PSY 223 Intro to Social Psych 3
- PSY 225 Human Sexuality 3
- PSY 231 Psych of Adjustment 3
- PSY 250 Abnormal Psychology 3

**Sociology dept.**
- *SOC 101 Intro to Sociology 3*
- SOC 201 Modern Social Problems 3
- *SOC 211 Marriage and Family 3*
- *SOC 220 Gender and Society 3*
- *SOC 231 Deviance & Crim Behav 3*

Effective Fall 2009:
Cultural Perspectives/Diversity (CPD) is a requirement for the ASA and AGS degrees. To meet this requirement, choose any course marked with an asterisk * or a 100 level French or Spanish course.

**MICHIGAN TRANSFER AGREEMENT**
Upon completion of all Group 1 requirements in each of the areas listed above, the transcript will state, “MTA satisfied.”

CPD is not a requirement of the MTA.

### Natural Science List
The MTA requires 2 courses (6 semester credits) representing 2 departments below. Must include a LECTURE/LAB course. All natural science courses contain a lecture/lab unless otherwise stated.

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

**Biology dept.**
- BIO 106 Human Biology 4
- BIO 108 Plant Biology 4
- BIO 110 Essential Biology 4
- BIO 115 Cell, Plant & Animal Biology 4
- BIO 208 Microbiology 4
- BIO 215 Genetics (no lab) 3
- BIO 227 Human Anatomy & Physiology 4
- BIO 228 Human Anatomy & Physiology 4
- BIO 255 Pathophysiology (no lab) 4
- BIO 268 Biochemistry (no lab) 3

**Chemistry dept.**
- CHM 101 Intro. to Chemistry 4
- CHM 150-150R General Chemistry I 5
- CHM 151-151R General Chemistry II 5
- CHM 201 Intro to Organic Chemistry 5
- CHM 250 Organic Chemistry I 5
- CHM 251 Organic Chemistry II 5

**Environmental Science dept.**
- ENV 103 Earth Science 4
- ENV 104 Life of the Past 4
- ENV 111 Physical Geology 4
- ENV 112 Historical Geology 4
- ENV 117 Meteorology & Climatology 4
- ENV 131 Oceanography 4
- ENV 140 Watershed Science 4
- +ENV 270a MI Basin Geology 2
- +ENV 270b Field Mapping 2
- +ENV 270c Precambrian Geology of MI 2

**Physics dept.**
- PHY 105 Physics World Around Us 4
- PHY 121 General Physics I 4
- PHY 122 General Physics II 4
- PHY 221d222R Prob & Prin Physics 5
- PHY 222d222R Prob & Prin Physics 5
+ Indicates a lab only course

### Mathematics List
The MTA requires a minimum of 3 Math credits (excluding MTH 116)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 120 Mathematical Explorations</td>
<td>3</td>
</tr>
<tr>
<td>MTH 121 College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 122 Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MTH 131 Intro. to Prob &amp; Stats</td>
<td>3</td>
</tr>
<tr>
<td>MTH 141 Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MTH 142 Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>MTH 241 Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MTH 251 Differential Equations</td>
<td>4</td>
</tr>
</tbody>
</table>

### Humanities List
The MTA requires 2 courses (6 semester credits) representing 2 departments below.

**Art dept.**
- ART 100 Art Appreciation 3
- *ART 111 Hist. of Western Art I 4*
- *ART 112 Hist. of Western Art II 4*
- ART 213 Modern Art History 3

**History dept.**
- HST 101 Western Civ to 1500AD 4
- HST 102 Western Civ. from 1500AD 4
- HST 111 US History to 1865 4
- HST 112 US History Since 1865 4
- HST 211 Native Am History 3
- HST 212 African-Am. History 3
- HST 213 American Women's History 3
- HST 225 American Civil War 3
- HST 228 The Vietnam War 3
- HST 230 A History of Michigan 3
- HST 235 20th Century Europe 3

**Humanities dept.**
- HUM 101 Intro. to Humanities 3
- HUM 102 Intro. to Humanities 3
- HUM 116 World Cultures 4

**Literature dept.**
- ENG 210 Children’s Literature 3
- ENG 240 Intro to Literature 3
- *ENG 241 World Mythology 3*
- *ENG 242 Intro to Women Writers 3*
- *ENG 246 British Literature I 3*
- *ENG 247 British Literature II 3*
- ENG 254 Shakespeare 3
- ENG 256 Environmental Literature 3
- ENG 262 American Literature 3
- *ENG 263 World Literature 3*
- ENG 265 Science Fiction/Fantasy 3
- ENG 266 Popular Culture 3
- ENG 267 Film as Literature 3
- *ENG 271 Adolescence Cul Divers 3*

**Music dept.**
- MUS 110 Music App Standard Lit 3
- MUS 111 Music Appreciation Jazz 3
- MUS 129 History of Rock & Roll 3
- MUS 201 Theory of Music 3
- MUS 202 Theory of Music 3

**Philosophy dept.**
- *PHL 101 Intro to Philosophy 3*
- *PHL 105 Critical Thinking 3*
- *PHL 121 Western Religions 4*
- *PHL 122 Eastern Religions 4*
- *PHL 201 Ethics 3*
- *PHL 202 Contemp Ethical Dilemma 3*
- *PHL 203 Environmental Ethics 3*

**World Languages dept.**
(Intermediate Level)
- *FNN 201 Intermediate French I 4*
- *FNN 202 Intermediate French II 4*
- *GRM 201 Intermediate German I 4*
- *GRM 202 Intermediate German II 4*
- *SPH 201 Intermediate Spanish I 4*
- *SPH 202 Intermediate Spanish II 4*
- *SPN 227a Spanish for Env Mgmt 3*