

## Requirements for Associate in Science (AS) Degree

The Associate in Science degree is designed to parallel the first two years of a science-related baccalaureate degree program. Students complete freshman and sophomore level courses for majors in areas such as biology, chemistry, physics, and related professional fields. Degree requirements vary from one four-year institution to another. It is important that students work closely with an MCC academic advisor and their transfer school.

**Completion of the AS degree does not fulfill the requirements of the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC).** Many science majors are highly structured and require extensive sequential lower-division mathematics and science courses. In order to take courses in a similar pattern to those of the freshman and sophomore students at a university, some general education courses are postponed to the junior and senior years. After transfer, students either complete the general education requirements of the transfer institution or are given the opportunity to complete the IAI GECC.

The following requirements apply to students who first enrolled for Summer 2017 or later. Students who first

entered prior to Summer 2017 should contact an academic advisor for more information. Academic advisors help students choose the appropriate transfer degree and/or recommend the IAI GECC based on transfer requirements.

- Credit hours are shown in parentheses in front of the course number.
- Courses with the symbol ♦ after the course name also satisfy the Diversity/Multicultural Studies requirement.
- IAI GECC course numbers are in bold to the right of the MCC course numbers and titles (e.g., C1 900). Students must make sure courses are IAI GECC articulated during the semester in which they are taken. **The AS degree does not fulfill all requirements of the IAI GECC.** Please see an academic advisor for more information about the IAI GECC.
- Please note that your transfer school may require foreign language. It always is recommended that you complete your foreign language requirement prior to transferring.

AS Curriculum: BAC 030	Credit Hours			
<b>Communications (C)</b> 3 courses A grade of C or higher is required for ENG 151 & 152.	9	<b>IAI Communications</b> (3) ENG 151 Composition I <b>C1 900</b> (3) ENG 152 Composition II <b>C1 901R</b> (3) SPE 151 Intro. to Speech <b>C2 900</b>		
<b>Humanities (H) &amp; Fine Arts (F)</b> 2 courses with 1 course from the Humanities and 1 course from the Fine Arts	6	<table border="0"> <tr> <td> <b>IAI Humanities</b>            Select 1 course from following:            (3) ART 150 Hum. Through Arts <b>HF 900</b>            (3) ENG 240 Intro. Shakespeare <b>H3 905</b>            (3) ENG 251 Intro. to Lit. <b>H3 900</b>            (3) ENG 253 World Lit. to 1650 ♦ <b>H3 906</b>            (3) ENG 254 World Lit. 1650 to Present ♦ <b>H3 907</b>            (3) ENG 255 British Lit. to 1800 <b>H3 912</b>            (3) ENG 256 British Lit. 1800 to Present <b>H3 913</b>            (3) ENG 260 Am. Lit. to 1860 <b>H3 914</b>            (3) ENG 261 Am. Lit. 1860 to Present <b>H3 915</b>            (3) ENG 270 Bible as Lit. <b>H5 901</b>            (3) ENG 271 Grk. &amp; Rom. Myth. <b>H9 901</b>            (3) ENG 272 Non-West. Myth. ♦ <b>H9 901</b>            (3) ENG 275 Women's Lit. ♦ <b>H3 911D</b>            (3) ENG 276 Asian Lit. ♦ <b>H3 908N</b>            (3) ENG 277 Intro. Children's Lit. ♦ <b>H3 918</b>            (4) FRE 252 Inter. French II ♦ <b>H1 900</b>            (4) GER 252 Inter. German II ♦ <b>H1 900</b>            (3) PHI 151 Intro. to Philosophy <b>H4 900</b>            (3) PHI 155 Intro. to Logic <b>H4 906</b>            (3) PHI 160 Eastern Philosophy ♦ <b>H4 903N</b>            (3) PHI 240 Philosophy of Rel. <b>H4 905</b> </td> <td> <b>IAI Humanities cont'd.</b>            (3) PHI 251 Intro. to Ethics <b>H4 904</b>            (3) PHI 262 Found. Rel. Texts ♦ <b>H5 901</b>            (3) PHI 261 Religions of World ♦ <b>H5 904N</b>            (4) SPA 252 Inter. Spanish II ♦ <b>H1 900</b>   <b>IAI Fine Arts</b>            Select 1 course from following:            (3) ART 150 Hum. Through Arts <b>HF 900</b>            (3) ART 151 Art Appreciation <b>F2 900</b>            (3) ART 155 Non-Western Art ♦ <b>F2 903N</b>            (3) ART 165 Ethnic Folk Art ♦ <b>F2 906D</b>            (3) ART 171 Art History I ♦ <b>F2 901</b>            (3) ART 172 Art History II ♦ <b>F2 902</b>            (3) ART 174 Studies in Cont Art ♦ <b>F2 902</b>            (3) ART 175 History of Photo. <b>F2 904</b>            (3) JRN 180 Intro. to Film <b>F2 908</b>            (3) MUS 151 Music Apprec. <b>F1 900</b>            (3) MUS 153 Intro. Non-Western Music ♦ <b>F1 903N</b>            (3) MUS 154 Intro. to Am. Music <b>F1 904</b>            (3) MUS 171 Music History I <b>F1 901</b>            (3) MUS 172 Music History II <b>F1 902</b>            (3) THE 151 Intro. to Theatre <b>F1 907</b> </td> </tr> </table>	<b>IAI Humanities</b> Select 1 course from following: (3) ART 150 Hum. Through Arts <b>HF 900</b> (3) ENG 240 Intro. Shakespeare <b>H3 905</b> (3) ENG 251 Intro. to Lit. <b>H3 900</b> (3) ENG 253 World Lit. to 1650 ♦ <b>H3 906</b> (3) ENG 254 World Lit. 1650 to Present ♦ <b>H3 907</b> (3) ENG 255 British Lit. to 1800 <b>H3 912</b> (3) ENG 256 British Lit. 1800 to Present <b>H3 913</b> (3) ENG 260 Am. Lit. to 1860 <b>H3 914</b> (3) ENG 261 Am. Lit. 1860 to Present <b>H3 915</b> (3) ENG 270 Bible as Lit. <b>H5 901</b> (3) ENG 271 Grk. & Rom. Myth. <b>H9 901</b> (3) ENG 272 Non-West. Myth. ♦ <b>H9 901</b> (3) ENG 275 Women's Lit. ♦ <b>H3 911D</b> (3) ENG 276 Asian Lit. ♦ <b>H3 908N</b> (3) ENG 277 Intro. Children's Lit. ♦ <b>H3 918</b> (4) FRE 252 Inter. French II ♦ <b>H1 900</b> (4) GER 252 Inter. German II ♦ <b>H1 900</b> (3) PHI 151 Intro. to Philosophy <b>H4 900</b> (3) PHI 155 Intro. to Logic <b>H4 906</b> (3) PHI 160 Eastern Philosophy ♦ <b>H4 903N</b> (3) PHI 240 Philosophy of Rel. <b>H4 905</b>	<b>IAI Humanities cont'd.</b> (3) PHI 251 Intro. to Ethics <b>H4 904</b> (3) PHI 262 Found. Rel. Texts ♦ <b>H5 901</b> (3) PHI 261 Religions of World ♦ <b>H5 904N</b> (4) SPA 252 Inter. Spanish II ♦ <b>H1 900</b>  <b>IAI Fine Arts</b> Select 1 course from following: (3) ART 150 Hum. Through Arts <b>HF 900</b> (3) ART 151 Art Appreciation <b>F2 900</b> (3) ART 155 Non-Western Art ♦ <b>F2 903N</b> (3) ART 165 Ethnic Folk Art ♦ <b>F2 906D</b> (3) ART 171 Art History I ♦ <b>F2 901</b> (3) ART 172 Art History II ♦ <b>F2 902</b> (3) ART 174 Studies in Cont Art ♦ <b>F2 902</b> (3) ART 175 History of Photo. <b>F2 904</b> (3) JRN 180 Intro. to Film <b>F2 908</b> (3) MUS 151 Music Apprec. <b>F1 900</b> (3) MUS 153 Intro. Non-Western Music ♦ <b>F1 903N</b> (3) MUS 154 Intro. to Am. Music <b>F1 904</b> (3) MUS 171 Music History I <b>F1 901</b> (3) MUS 172 Music History II <b>F1 902</b> (3) THE 151 Intro. to Theatre <b>F1 907</b>
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<p><b>Social &amp; Behavioral Sciences (S)</b> 2 courses from at least 2 different departments</p>	6	<p><b>IAI Social &amp; Behavioral Sciences</b></p> <p>(3) ANT 151 Intro. to Anthro. ♦ <b>S1 900N</b>  (3) ANT 155 Intro. to Archaeol. ♦ <b>S1 903</b>  (3) ANT 160 Intro. Phys. Anthro. <b>S1 902</b>  (3) ANT 170 Intro. Cult. Anthro. ♦ <b>S1 901N</b>  (3) ECO 150 Intro. Economics <b>S3 900</b>  (3) ECO 251 Microeconomics <b>S3 902</b>  (3) ECO 252 Macroeconomics <b>S3 901</b>  (3) GEG 202 Geography of the Developed World ♦ <b>S4 901</b>  (3) GEG 203 Geography of the Developing World ♦ <b>S4 902N</b>  (3) GEG 204 Economic Geog. ♦ <b>S4 903N</b>  (3) HIS 131 Western Civ. I ♦ <b>S2 902</b>  (3) HIS 132 Western Civ. II <b>S2 903</b>  (3) HIS 165 History of Latin Am. ♦ <b>S2 910N</b>  (3) HIS 170 US History I ♦ <b>S2 900</b></p>	<p>(3) HIS 172 US History II ♦ <b>S2 901</b>  (3) PLT 150 Intro. Pol. Thought ♦ <b>S5 903</b>  (3) PLT 151 US Government <b>S5 900</b>  (3) PLT 155 State &amp; Local Govt. <b>S5 902</b>  (3) PLT 251 Internat'l. Relations ♦ <b>S5 904</b>  (3) PLT 255 Comparative Govt. ♦ <b>S5 905</b>  (3) PSY 151 Intro. to Psychology <b>S6 900</b>  (3) PSY 250 Hum Dev/Life Span ♦ <b>S6 902</b>  (3) PSY 251 Child Psychology ♦ <b>S6 903</b>  (3) PSY 255 Adult Development ♦ <b>S6 905</b>  (3) PSY 260 Intro. Gerontology ♦ <b>S6 905</b>  (3) PSY 265 Social Psychology <b>S8 900</b>  (3) SOC 151 Intro. to Sociology <b>S7 900</b>  (3) SOC 175 Soc. of Families ♦ <b>S7 902</b>  (3) SOC 251 Social Problems <b>S7 901</b>  (3) SOC 260 Soc. of Race &amp; Eth. ♦ <b>S7 903D</b>  (3) SOC 261 Soc. of Sex &amp; Gen. ♦ <b>S7 904D</b></p>
<p><b>Physical (P) &amp; Life (L) Sciences</b> Minimum 3 courses</p> <p>1 IAI Physical Sciences w/lab, 1 IAI Life Sciences w/lab and 1 from the additional science course list</p>	Minimum 11 Credits	<p><b>IAI Physical Sciences</b> Select minimum 1 course w/lab from following:</p> <p>(4) CHM 115 Chem. &amp; Society <b>P1 903L</b>  (4) CHM 164 Introductory Chem. <b>P1 902L</b>  (5) CHM 165 General Chem. I <b>P1 902L</b>  (4) EAS 120 Intro. Meteorology <b>P1 905L</b>  (4) EAS 170 Geology &amp; Oceanography <b>P1 905L</b>  (4) EAS 171 Astronomy &amp; Meteorology <b>P1 905L</b>  (4) EAS 180 Intro. to Astronomy <b>P1 906L</b>  (3) EAS 185 Natural Hazards &amp; Disaster <b>P1 908</b>  (4) GEG 107 Physical Geog. <b>P1 909L</b>  (3) GEG 123 Energy Resources <b>P9 900</b>  (1) GEG 124 Energy Res. Lab <b>P9 900L</b>  (3) GEG 220 Global Env. <b>P9 901</b>  (1) GEG 221 Global Env. Lab <b>P9 901L</b>  (4) GEL 105 Physical Geology <b>P1 907L</b>  (3) GEL 110 Geol. of Nat'l Parks <b>P1 907</b>  (4) PHY 280 General Physics I <b>P1 900L</b>  (4) PHY 291 Prin. of Physics <b>P2 900L</b></p>	<p><b>IAI Life Sciences</b> Select minimum 1 course w/lab from following:</p> <p>(4) BIO 110 Intro. to Human Bio. <b>L1 904L</b>  (4) BIO 130 Env. Field Bio. <b>L1 905L</b>  (4) BIO 137 Heredity &amp; Ethics <b>L1 906L</b>  (4) BIO 157 Fund. of Bio. <b>L1 910L</b>  (4) BIO 158 Evolution &amp; Biodiv. <b>L1 910L</b>  (4) HRT 103 Plant Science <b>L1 901L</b></p> <p><b>Additional Science Course</b> Select 1 course from following prefixes and numbers: BIO; CHM; EAS; GEG107, 123, 124, 220, 221; GEL; HRT103, 105; PHY</p> <p><b>Note: Only one of the following courses can apply toward degree requirements:</b> EAS 120 or EAS171 EAS 171 or EAS 180 EAS 170 or GEL 105</p> <p><b>Note: GEG 220 and GEG 221 were IAI Life Science course options prior to Summer 2016. If GEG 220 and GEG 221 were completed prior to Summer 2016 (with L1 905/L IAI code), they can satisfy the IAI Life Science requirement in this catalog.</b></p>
<p><b>Mathematics (M)</b> Minimum 2 courses</p> <p><b>Note: At least 1 course must be from the IAI Mathematics List</b></p>	Minimum 6 Credits	<p><b>IAI Mathematics</b> Select minimum of 1 course from following:</p> <p>(3) MAT 120 Gen. Ed. Statistics <b>M1 902</b>  (3) MAT 150 Elements of Math. <b>M1 904</b>  (3) MAT 170 Finite Math. <b>M1 906</b>  (4) MAT 171 Calc. Bus./Soc.Sci <b>M1 900-B</b>  (5) MAT 175 Calc./Anal. Geo. I <b>M1 900-1</b>  (3) MAT 202 Math. Fdns./El.Ed.II <b>M1 903</b>  (5) MAT 245 Calc./Anal. Geo. II <b>M1 900-2</b>  (3) MAT 220 Statistics <b>M1 902</b>  (4) MAT 255 Calc./Anal. Geo. III <b>M1 900-3</b></p>	<p><b>Additional Mathematics Course List</b> Select 1 course from this list or from the IAI Mathematics list:</p> <p>(3) MAT 161 College Algebra  (5) MAT 165 College Algebra with Trig.  (3) MAT 201 Math. Fdns./El. Ed. I  (4) MAT 253 Linear Algebra  (3) MAT 260 Differential Equations</p> <p><b>Note: Only one of the following courses can apply toward degree requirements:</b> MAT 161 or MAT 165 MAT 171 or MAT 175 MAT 120 or MAT 220</p>

<b>Diversity/Multicultural Studies (IS)</b> 1 course	Required	One course is required. The course that fulfills this requirement may be used to fulfill credits in Humanities/Fine Arts, Social/Behavioral Sciences, or Electives. See chart below for complete list of Diversity/Multicultural Studies course options and how they can apply as credits toward degree requirements (◆).
<b>Electives</b> Number of courses vary  <i>Note: Total number of elective credits must complete 60-credit-hour degree requirement.</i>	Approx. 22 credits  Total elective credits vary	<b>Select elective coursework that is transferable and applicable toward intended major at your transfer college/university.</b> It is your responsibility to work closely with an MCC academic advisor to select appropriate coursework. Courses may be selected from the following: <ul style="list-style-type: none"> <li>those listed in MCC's academic catalog with descriptions indicating 1.1 or 1.2 Articulated</li> <li>other categories on this AS degree planning sheet</li> <li>the Diversity/Multicultural options listed below</li> </ul> (See <b>Degree Notes</b> for pairs of courses in which both courses cannot count toward degree requirements.)
<b>Total Degree Credits</b>	60	

### Diversity/Multicultural Studies Course Options:

Diversity/Multicultural Studies explores the dynamics of difference in our global and local societies. In an effort to encourage global citizenship, students will think critically about cultural, historical, and political intersections that prompt or prevent equality and justice.

Credit for these courses may count toward **Humanities, Fine Arts or Electives**

- (3) ART 155 Non-Western Art ◆
- (3) ART 165 Ethnic Folk Art ◆
- (3) ART 171 Art History I ◆
- (3) ART 172 Art History II ◆
- (3) ART 174 Studies in Contemporary Art ◆
- (3) ENG 253 World Lit. to 1650 ◆
- (3) ENG 254 World Lit. 1650 to Present ◆
- (3) ENG 272 Non-Western Myth. ◆
- (3) ENG 275 Women's Lit. ◆
- (3) ENG 276 Asian Lit. ◆
- (3) ENG 277 Intro. to Children's Lit. ◆
- (4) FRE 252 Intermediate French II ◆
- (4) GER 252 Intermediate German II ◆
- (3) MUS 153 Intro. to Non-Western Music ◆
- (3) PHI 160 Eastern Philosophy ◆
- (3) PHI 261 Religions of the World ◆
- (3) PHI 262 Foundational Religious Texts ◆
- (4) SPA 252 Intermediate Spanish II ◆

Credit for these courses may count toward **Social & Behavioral Sciences or Electives**

- (3) ANT 151 Intro. to Anthropology ◆
- (3) ANT 155 Introduction to Archaeology ◆
- (3) ANT 170 Intro. to Cultural Anthro. ◆
- (3) GEG 202 Geog./Developed World ◆
- (3) GEG 203 Geog./Developing World ◆
- (3) GEG 204 Economic Geography ◆
- (3) HIS 131 Western Civ. 300BCE to 1500 ◆
- (3) HIS 165 History of Latin America ◆
- (3) HIS 170 United States History I ◆
- (3) HIS 172 United States History II ◆
- (3) PLT 150 Intro. to Political Thought ◆
- (3) PLT 251 International Relations ◆
- (3) PLT 255 Comparative Government ◆
- (3) PSY 250 Hum Dev/Life Span ◆
- (3) PSY 251 Child Psychology ◆
- (3) PSY 255 Adult Development ◆
- (3) PSY 260 Intro to Gerontology ◆
- (3) SOC 175 Sociology of Families ◆
- (3) SOC 260 Soc. of Race & Ethnicity ◆
- (3) SOC 261 Soc. of Sex & Gender ◆

Credit for these courses may count toward **Electives**

- (3) ANT 255 Archaeological Field School ◆
- (3) ANT 260 Arch. Ancient Near East ◆
- (3) ART 176 Fashion and Art ◆
- (4) FRE 151 Elementary French I ◆
- (4) FRE 152 Elementary French II ◆
- (4) FRE 251 Intermediate French I ◆
- (4) GER 151 Elementary German I ◆
- (4) GER 152 Elementary German II ◆
- (4) GER 251 Intermediate German I ◆
- (3) HIS 130 Ancient Civilization ◆
- (3) HIS 141 Women's History ◆
- (3) HFE 152 Women's Health Issues ◆
- (3) PHI 158 Studies About Women ◆
- (3) PLT 261 Modern Latin America ◆
- (3) PLT 281 Intro. to Asia ◆
- (3) PSY 175 Human Sexuality ◆
- (3) PSY 271 Educational Psychology ◆
- (3) PSY 275 Abnormal Psychology ◆
- (3) SOC 256 Sociology of Deviance ◆
- (4) SPA 151 Elementary Spanish I ◆
- (4) SPA 152 Elementary Spanish II ◆
- (4) SPA 251 Intermediate Spanish I ◆
- (3) SPA 290 Topics in Spanish ◆
- (3) SPE 251 Intercultural Communication ◆

### Other Graduation Requirements:

#### Associate in Science Degree (AS)

- Minimum of 60 credit hours
- 2.0 minimum cumulative GPA at MCC on completion of program
- 15 semester hours taken at MCC
- Completion of graduation application
- Completion of E-Portfolio end-of-program assessment

#### Degree Notes:

- The following pairs of courses have similar course content. Only one course from each pair can be used to satisfy degree requirements: EAS120 or EAS171; EAS170 or GEL105; EAS172 or EAS180; MAT120 or MAT220; MAT161 or MAT165; MAT171 or MAT175
- No single course can be used to meet two different requirements (exception—Diversity/Multicultural Studies requirement).
- Acceptance of a D grade and non-traditional credit (CLEP, AP, DANTES, military service, proficiency exam) varies from institution to institution.