

**REQUIREMENTS FOR HARPER COLLEGE ASSOCIATE IN SCIENCE DEGREE (AS) EFFECTIVE FALL 2016**

	<b>HOURS REQUIRED</b>	<b>COURSES IN THIS GROUP</b>
<b>WORLD CULTURES AND DIVERSITY REQUIREMENT</b> 1 course with a minimum grade of "D". Courses that fulfill this requirement may also be used to fulfill requirements in Groups 4-6.	<b>0-3</b>	<b>ANT</b> 101, 202, 203, 206, 207; <b>ARC</b> 223; <b>ART</b> 133; <b>DIT</b> 205; <b>DIV</b> 101; <b>EDU</b> 220; <b>FAS</b> 110; <b>FIS</b> 280; <b>FRN</b> 205, 210; <b>GEG</b> 100, 101, 103, 104; <b>GER</b> 205, 210, 230; <b>HED</b> 200, 202, 204; <b>HMS</b> 121; <b>HST</b> 121, 210, 214, 231, 232, 241, 242, 243, 245; <b>HUM</b> 104, 106, 107, 110, 125; <b>LIT</b> 208, 220, 223, 224; <b>LNG</b> 205, 225; <b>MCM</b> 200; <b>MGT</b> 165; <b>MUS</b> 104; <b>PHI</b> 160, 190, 205, 215; <b>PSC</b> 250, 260, 270, 280; <b>SGN</b> 210; <b>SOC</b> 101, 120, 205, 215, 230, 235; <b>SPA</b> 205, 210; <b>THE</b> 121
<b>GROUP 1 COMMUNICATIONS</b> 3 courses. A grade of "C" or better is required for ENG 101 & 102	<b>9</b>	<b>ENG</b> 101, 102; <b>SPE</b> 101
<b>GROUP 2 MATHEMATICS</b> 1 course	<b>3</b>	<b>MGT</b> 225 <u>or</u> <b>MTH</b> 162 <u>or</u> <b>MTH</b> 165; <b>MTH</b> 124 <sup>^</sup> , 131, 134 <u>or</u> 200, 201, 202, 220  <sup>^</sup> if taken Spring '99 or later
<b>GROUP 3 PHYSICAL &amp; LIFE SCIENCES</b> 2 courses with 1 course from the Life Sciences and 1 from the Physical Sciences. 1 course must be a lab science (marked with an *).	<b>7</b>	<b>Life Sciences:</b> <b>BIO</b> 101, 103, 104*, 105, 110*, 115*, 116*, 120*, 140*, 150*  <b>Physical Sciences:</b> <b>AST</b> 100, 101*, 112*, 115*; <b>CHM</b> 100*, 103*, 105*, 110*, 121*; <b>GEG</b> <sup>^</sup> 111, <b>GEG</b> <sup>^</sup> 112*; <b>GEO</b> 101*, 102*, 103*; <b>PHS</b> 101, 105*, 111*, 112*, 115*, 170*; <b>PHY</b> 100, 121*, 201*;  <sup>^</sup> No more than 2 GEG or 2 HST (except HST 105) courses may be used to fulfill Groups 1-5.
<b>GROUP 4 HUMANITIES &amp; FINE ARTS</b> 2 courses with at least 1 course selected from the Humanities and at least 1 from the Fine Arts. Interdisciplinary courses may be used for both categories.	<b>6</b>	<b>Humanities:</b> <b>CHN</b> 202 <u>or</u> <b>FRN</b> 202 <u>or</u> <b>GER</b> 202 <u>or</u> <b>JPN</b> 202 <u>or</u> <b>SGN</b> 210 <u>or</u> <b>SPA</b> 202; <b>FRN</b> 210 <u>or</u> <b>GER</b> 210 <u>or</u> <b>SPA</b> 210; <b>HST</b> 105 <u>or</u> <b>HUM</b> 105; <b>HUM</b> 104, 120, 125; <b>LIT</b> 105, 110, 115, 206, 207, 208, 210, 220, 221, 222, 223, 224, 231, 232; <b>PHI</b> 101, 105, 115, 160, 205, 215, 220, 225, 231, 232, 999; <b>Fine Arts:</b> <b>ART</b> 105, 114 130, 131 <u>or</u> 132,133; <b>MCM</b> 200; <b>MUS</b> 103, 104, 107, 120; <b>THE</b> 111, 121; <b>Interdisciplinary Studies:</b> <b>HUM</b> 101, 102, 103, 107, 110; <b>LIT</b> 112  <sup>^</sup> No more than 2 GEG or 2 HST (except HST 105) courses may be used to fulfill Groups 1-5.
<b>GROUP 5 SOCIAL &amp; BEHAVIORAL SCIENCES</b> 2 courses with courses selected from at least 2 departments	<b>6</b>	<b>ANT</b> 101, 202, 205, 206; <b>ECO</b> 200, 211, 212; <b>GEG</b> <sup>^</sup> 101 <u>or</u> 100, 103, 104, 210; <b>HST</b> <sup>^</sup> 111, 112, 121, 141, 142, 231, 232, 241, 242, 243 245; <b>PSC</b> 101, 220, 250, 270, 280; <b>PSY</b> 101, 216, 217, 218, 228; <b>SOC</b> 101, 120, 205, 215 <sup>^^</sup> ; 230, 235  <sup>^</sup> No more than 2 GEG or 2 HST (except HT 105) courses may be used to fulfill Groups 1-5. <sup>^^</sup> cannot take SOC 215 and two PSY courses
<b>TOTAL GENERAL EDUCATION</b>	<b>31</b>	
<b>ADDITIONAL MATHEMATICS COURSE</b>	<b>3</b>	<b>MGT</b> 225 <u>or</u> <b>MTH</b> 162 <u>or</u> <b>MTH</b> 165; <b>MTH</b> 101, 103, 124, 130, 131, 134 <u>or</u> 200, 140, 201, 202, 203, 212, 220
<b>ADDITIONAL SCIENCE COURSE</b>	<b>3</b>	<b>AST</b> 100, 101, 112, 115, 150, 201; <b>BIO</b> 101, 103, 104, 105, 110, 115, 116, 120, 130, 135, 136, 140, 150, 160, 161, 295, 296, 297; <b>CHM</b> 100, 103, 105, 110, 121, 122, 125, 201, 204, 205, 210, 220, 295, 296, 297; <b>CSC</b> 121, 122, 208, 211, 214, 216, 217; <b>EGR</b> 100, 110, 120, 121, 210, 211, 240, 260, 262, 270; <b>GEG</b> 111, 112; <b>GEO</b> 101, 102, 103; <b>PHS</b> 101, 105, 111, 112, 115, 170; <b>PHY</b> 100, 121, 122, 201, 202, 203
<b>GROUP 6 MAJOR DISCIPLINE AND TRANSFER ELECTIVES</b>	<b>23</b>	<b>COURSES MUST BE SELECTED FROM:</b> 1. Additional credit hours from Groups 1-5 from the A.A. or A.S. degrees 2. Credit hours from approved elective courses 3. Up to 10 credit hours from 100-200 level courses from any department 4. A maximum of 2 hours of 100 level KIN courses may count toward the degree. 5. Up to 4 hours of independent study credit

**Liberal Arts and Languages:** **CHN** 101, 102, 201; **ENG** 200, 201, 220, 221, 222, 230; **FRN** 101, 102, 201, 205; **GER** 101, 102, 201, 205, 230; **HUM** 115; **JPN** 101, 102, 201, 205; **LIT** 215, 216, 217, 219, 241, 250; **LNG** 105, 205, 220, 225; **MCM** 120, 130, 156, 205, 233; **PHI** 102, 120, 150, 170, 180, 190, 210; **SGN** 101, 102, 212; **SPA** 101, 102, 112, 113,121, 122, 201, 205

**Fine and Performing Arts:** **ART** 100, 110, 111, 121, 122, 150, 151, 206, 225, 261, 280, 281, 291, 296; **MUS** 100, 101, 102, 106, 111, 112, 115, 116, 130, 136, 140, 145, 150, 165, 166, 167, 169, 180-199, 211, 212, 215, 216, 223, 224, 261, 262, 263, 265, 266, 280-299; **SPE** 102, 107, 180, 181, 182, 183, 200, 205; **THE** 190, 191, 192, 193, 212, 213, 216

**Science and Mathematics:** **AST** 150, 201; **BIO** 130, 135, 160, 161, 295, 296, 297; **CHM** 122, 125, 201, 204, 205, 210, 220, 295, 296, 297; **CSC** 121, 122, 208, 211, 214, 216, 217; **EGR** 100, 110, 120, 121, 210, 211, 212, 240, 260, 262, 270; **MTH** 103, 130, 140, 203, 212; **PHY** 122, 202, 203

**Social Sciences:** **ANT** 203, 207, 208, 209, 210, 215, 220, 250, 255; **ECE** 101, 102, 250, 252, 291; **ECO** 115, 210; **EDU** 201, 202, 211, 219, 220, 230, 250, 290, 999; **GEG** 150, 151, 152, 153; **HST** 151, 152, 153, 202, 210, 212, 214, 219, 261, 270, 281, 282; **LEJ** 101, 104, 201, 202, 205, 210; **PSC** 210, 260; **PSY** 210, 220, 225, 230, 235, 245; **SOC** 210, 220

**Wellness and Life Skills:** **DIT** 101, 110, 205, 225; **DIV** 101; **FYE** 101; **FYS** 101; **HED** 200, 201, 202, 203, 204, 206, 250; **HSC** 213; **KIN** 120, 200, 201, 202, 203, 204, 205, 207, 208, 209, 210, 211, 212, 220, 221, 222, 223, 224, 225, 230, 231, 234, 250; **PSY** 106, 107, 108; **RDG** 106

**Business and Work Skills:** **ACC** 101, 102, 201, 202, 203, 211, 213; **ARC** 105, 106, 110, 113, 125, 201, 202, 213, 223; **CDV** 110; **CIS** 100, 101; **MGT** 111, 218, 275; **MKT** 245

Courses that do not appear listed may still count towards your degree. Check with a Harper Counselor.

## ASSOCIATE IN SCIENCE DEGREE

### GRADUATION REQUIREMENTS (see reverse side for details and course selection)

<b>World Cultures and Diversity Requirement</b>	<b>0-3 hours</b>	_____
<b>Group 1 – Communications</b>	<b>9 hours</b>	_____
<b>Group 2 – Mathematics</b>	<b>3 hours</b>	_____
<b>Group 3 – Physical &amp; Life Science</b>	<b>7 hours</b>	_____ <input type="checkbox"/> Lab _____ <input type="checkbox"/> Lab
<b>Group 4 – Humanities &amp; Fine Arts</b>	<b>6 hours</b>	_____
<b>Group 5 – Social &amp; Behavioral Sciences</b>	<b>6 hours</b>	_____
<b>Additional Mathematics Course</b>	<b>3 hours</b>	_____
<b>Additional Science Course</b>	<b>3 hours</b>	_____
<b>Group 6 – Major Discipline and Transfer Electives</b>	<b>23 hours</b>	_____ _____ _____

PLEASE CHECK (✓) WHEN COMPLETED

- \_\_\_\_\_ Sixty (60) semester hours in courses 100 or above.
- \_\_\_\_\_ 2.0 (C) grade point average.
- \_\_\_\_\_ Thirty-seven (37) hours of general education requirements completed.
- \_\_\_\_\_ Residency requirement – Eighteen (18) semester hours must be earned in attendance at Harper College (including online courses) and be in courses numbered 100 or above.
- \_\_\_\_\_ Apply for graduation in Registrar's Office (Building A, Room A213) by midterm of last semester.
- \_\_\_\_\_ No more than four (4) hours of Independent Study credit may count toward electives.
- \_\_\_\_\_ No more than two (2) hours of kinesiology activity credit may count toward the degree.
- \_\_\_\_\_ Satisfy all financial and other specific requirements.

### EACH STUDENT IS RESPONSIBLE FOR:

- Meeting degree requirements.
- Meeting prerequisites for courses as outlined in the college catalog.
- Checking requirements of the college to which the student plans to transfer.
- Arranging a time schedule for each semester.
- Scheduling his/her own courses.
- Contacting an Academic Counselor/Specialist in the Academic Advising and Counseling Center, Building I, Room 117 (925-6393) or the Career Development Center, Building A, Room 347 (925-6220) for assistance with educational planning.

### TRANSFER INFORMATION

The Student Development Centers in Building A, Room A347 and Building I, Room I117 have resources for students planning to transfer including:

- transfer agreements
- transfer guides and course equivalency information
- college catalogs and applications
- scholarship information
- schedule of on-campus visits from four-year colleges