

# Associate in Science Degree (A.S.)

## Degree Requirements

### (Total Minimum Credits Required: 64)

(A complete list of General Education Core Curriculum transfer courses is available at the Illinois Articulation Initiative web site: [www.itransfer.org](http://www.itransfer.org)).

Each candidate for an Associate in Science (A.S.) degree shall:

1. Select courses to complete the required credits from:
  - a. General education core requirement courses,
  - b. Coursework in the Human Relations and Global/Multicultural Studies, or Contemporary Life Skills categories
  - c. Additional mathematics and science requirements, and
  - d. Additional coursework (See Notes at end of A.S. degree) to a minimum of 64 credits.
2. Satisfactorily complete a minimum of 37 credits in General Education Core Curriculum (Illinois Articulation Initiative course codes are listed in parentheses after each course or sequence) in the Communication, Physical and Life Sciences, Mathematics, Humanities and Fine Arts, and Social and Behavioral Sciences categories as specified on page 2.
3. Fulfill these requirements in the categories specified
  - a. Complete at least one course from the Human Relations category.
  - b. Complete at least one course from the Global/Multicultural Studies or Contemporary Life Skills category.
4. Additional Mathematics and Science Requirements  
Select at least three courses from Physical and Life Sciences, and at least two courses from Mathematics.
  - a. **Physical and Life Sciences**  
Select at least two courses with a minimum total of 6 credits.  
**Anatomy and Physiology** 1551, 1571, 1552, 1572  
**Biology** 1130\*, 1140, 1151\*, 1152, 2150, 2151  
**Botany** 1320, 2350, 2360  
**Microbiology** 1420\*  
**Zoology** 1220, 2250, 2260  
**Chemistry** 1137, 1212, 1237, 1552, 2213, 2551, 2552  
**Earth Science**, 1101\*, 1102\*, 1105\*, 1110\*, 1111\*, 1115\*, 1116, 1117, 1119\*, 1120\*, 1122\*, 1124\*, 1126\*, 1130\*, 1135\*, 1140\*, or 1141\* (but not both in combination of General Education Requirements and Additional Requirements), 2102, 2103, 2110, 2115, 2116, 2117  
**Physics** 1202, 2111\*, 2112, 2115
  - b. **Mathematics**  
Select at least one course with a minimum total of 3 credits.  
**Mathematics** 1218\*, 1220\*, 1321, 1322\*, 1340, 1428, 1431, 1432, 1533\*, 1635\*, 2115\*, 2134\*, 2231\*, 2332\*, 2233\*, 2245, 2270, 2300(\*Courses also meet general education requirements. If any of these courses is chosen to fulfill requirements for the General Education Core Curriculum, choose others to meet the Additional Mathematics and Science Requirements.)  
Select courses to complete the required 64 credits from General Education Core Curriculum courses, elective

courses and up to 10 credits in Career/Technical Education courses.

5. Satisfy graduation requirements for all associate's degrees.
6. Earn no more than 6 credits in History in the Humanities and Fine Arts, and Social and Behavioral Sciences categories combined for general education credit. Additional credits in History from general education or other categories may be earned as elective credit, unless restricted by degree requirements.
7. Earn no more than 4 credits in Physical Education activity courses.
8. Only one of the following courses may count toward the degree: Mathematics 1428 or Mathematics 1431.
9. Complete a minimum of two courses with a minimum of 6 credits in Physical and Life Sciences from the Additional Mathematics and Science Requirements category.
10. Complete a minimum of one course with a minimum of 3 credits in Mathematics from the Additional Mathematics and Science Requirements category.
11. Earn no more than 16 credits in courses numbered 1800 or 2800, 1840 or 2840, 1820 to 1829, and 2820 to 2829, or labeled as independent study, experimental/pilot, selected topics or field/experiential.
12. Earn no more than 12 credits with a satisfactory/fail grade option in courses counted toward elective credit.
13. Earn General Education Core Curriculum course credit with letter grades, not satisfactory/fail grades.
14. Earn no more than 42 credits for the Communication, Physical and Life Sciences, Mathematics, Humanities and Fine Arts, and Social and Behavioral Sciences categories by demonstrated competence through the Advanced Placement Program (AP), designated course-specific subject examinations of the College Level Examination Program (CLEP), and the College of DuPage Proficiency Through an Instructor Program.
15. Earn the remaining credits in courses that normally apply to a bachelor's degree as indicated in the transfer program guides.

### Notes:

For help in choosing additional coursework beyond the General Education Core to fulfill this degree, students should consult a Student Success Counselor or Program Advisor from their area of interest for suggestions regarding course selection from the range of offerings in a specific field of study.

There is no guarantee that elective or Career/Technical education courses will transfer as specific course equivalents to a baccalaureate-granting institution or other colleges. The transferability of these courses needs to be validated with a transfer institution.

Degree-seeking students should complete the General Education Core Curriculum and required sequence courses before transfer to another participating IAI institution to guarantee the completion of lower division general education coursework.

A helpful resource for a guide to college transfer can be found at [www.transfer.org/uselect](http://www.transfer.org/uselect).

## General Education Core Requirement Courses

### **Communication..... 9 credits**

Written (6 credits) **English** (C1 900) and 1102 (C1 901R)  
(Grade of “C” or higher required for both courses)  
Oral (3 credits) **Speech** 1100 (C2 900) (Grade of “C” or higher required)

### **Physical and Life Sciences..... 7 to 10 credits**

Select one course from Life Sciences and one course from Physical Sciences  
At least one course must have a laboratory component.

#### *Life Sciences*

**Biology** 1100 (L1 900L), 1110 (L1 905L), 1120 (No Lab) (L1 906), 1130 (L1 906L), 1151 (L1 910L), 1152 (L1 910L)

#### *Physical Sciences*

**Chemistry** 1105 (P1 903L), 1137 (P1 903L), 1205 (P1 903L), 1211 (P1 902L), 1551 (P1 902L)  
**Earth Science** 1101 (P1 907L), 1102 (P1 907L), 1105 (P1 908L), 1110 (P1 905L), 1111 (No Lab) (P1 905), 1115 (P1 905L), 1120 (P1 906), 1122 (P1 906L), 1124 (P1 906L), 1126 (P1 906L), 1130 (P1 905L), 1135 (P1 905L), 1140 (P1 905L) or 1141 (P1 905) (not both)  
**Physics** 1100 (P1 900L), 1150 (P1 901), 1201 (P1 900L), 2111 (P2 900L)

### **Mathematics ..... 3 to 5 credits**

**Mathematics** 1218 (M1 904), 1220 (M1 901), 1322 (M1 903), 1533 (M1 906), 1635 (M1 902)\*, 2115 (M1 905), 2134 (M1 900-B), 2231 (M1 900-1), 2232 (M1 900-2), 2233 (M1 900-3)  
**Psychology** 2280 (M1 902)\*  
**Sociology** 2205 (M1 902)\*  
\*Only one from these three courses may count toward overall degree requirement credit.

### **Humanities and Fine Arts ..... 9 credits**

Select at least one course from Humanities and at least one course from Fine Arts.

#### *Humanities*

**Chinese** 2202 (H1 900)  
**English** 1130 (H3 900), 1150 (H3 901), 1151 (H3 901), 1152 (H3 903), 1153 (H3 902), 1154 (HF 908)\*, 1158 (H5 901), 1159 (H9 901), 1160 (H3 910D), 1161 (H3 910D), 1165 (H3 911D), 2220 (H3 912), 2221 (H3 913), 2223 (H3 914), 2224 (H3 915), 2226 (H3 907), 2227 (H3 907), 2228 (H3 905), 2262 (H3 908N)  
**French** 2202 (H1 900), 2251 (H1 900), 2252 (H1 900)  
**German** 2202 (H1 900), 2251 (H1 900), 2252 (H1 900)  
**History** 1110 (H2 901), 1120 (H2 902), 1160 (H2 907), 2205 (H2 903N), 2220 (H2 903N), 2225 (H2 908), 2230 (H2 908), 2235 (H2 903N)  
**Humanities** 1102 (H9 900), 1103 (H9 901), 1105 (HF 904N)\*, 1110 (HF 906D)\*, 2019 (HF 907D)\*  
**Italian** 2202 (H1 900)

**Japanese** 2202 (H1 900)

**Korean** 2202 (H1 900)

**Philosophy** 1100 (H4 900), 1110 (H4 904), 1116 (H4 904), 1120 (H4 906), 1125 (H4 906), 1150 (H5 904N), 2010 (H4 901), 2011 (H4 902), 2150 (H4 905)

**Religious Studies** 1100 (H5 900), 1110 (H5 901), 1120 (H5 901), 1150 (H5 904N), 1155 (H4 903N), 2160 (H5 901)

**Russian** 2202 (H1 900)

**Spanish** 2202 (H1 900), 2206 (H1 900), 2208 (H1 900), 2251 (H1 900), 2252 (H1 900)

#### *Fine Arts*

**Art** 1100 (F2 900), 2211 (F2 901), 2212 (F2 902), 2213 (F2 902), 2214 (F2 903N)

**English** 1135 (F2 908), 1154 (HF 908)\*

**Humanities** 1101 (F9 900), 1105 (HF 904N)\*, 1110 (HF 906D)\*, 2019 (HF 907D)

**Music** 1100 (F1 900), 1104 (F1 904), 1115 (F1 903N)

**Theater** 1100 (F1 907)

\**Interdisciplinary credit (HF) may be earned as either Fine Arts or Humanities.*

### **Social and Behavioral Sciences ..... 9 credits**

Courses must be selected from at least two disciplines.

**Anthropology** 1000 (S1 900N), 1100 (S1 901N), 1105 (S1 904D), 1130 (S1 904D), 1200 (S1 903), 1400 (S1 902)

**Economics** 2200 (S3 900), 2201 (S3 901), 2202 (S3 902)

**Geography** 1100 (S4 901), 1105 (S4 902N), 1120 (S4 903N), 1130 (S4 900N), 1140 (S4 901)

**History** 1130 (S2 900), 1140 (S2 901), 2210 (S2 907N), 2215 (S2 916N), 2260 (S2 901)

**Political Science** 1100 (S5 903), 1101 (S5 900), 1105 (S5 902), 2203 (S5 905), 2220 (S5 904)

**Psychology** 1100 (S6 900), 2230 (S6 903), 2233 (S6 904), 2235 (S6 905), 2237 (S6 902), 2240 (S8 900)

**Sociology** 1100 (S7 900), 1120 (S7 904D), 2210 (S7 901), 2215 (S7 903D), 2220 (S7 902)