

# Associate in Arts in Teaching Secondary Mathematics Degree (A.A.T. Math)

## Degree Requirements

**(Total Minimum Credits Required: 64)**

Each candidate for an Associate in Arts in Teaching Secondary Mathematics (A.A.T.) degree shall:

1. Select courses to complete the required credits from:
  - a. General education core requirement courses; one of these courses must have the IAI program suffix N or D to fulfill state requirements for a global diversity and multiculturalism-related course as part of an education degree program.
  - b. Coursework in the Human Relations and Global/Multicultural Studies categories from courses which also fulfill the general education core requirements and Education 1100 to fulfill the Contemporary Life Skills requirement,
  - c. Mathematic specialty courses,
  - d. Education specialty courses and
  - e. Additional coursework to a minimum of 64 credits.
2. Satisfactorily complete a minimum of 40 credits in General Education Core ; 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 below. One of these courses must have the IAI program suffix N or D to fulfill state requirements for a global diversity and multiculturalism-related course as part of an education degree program as specified on page 2.
3. **Mathematics Specialty Courses..... 13 credits**  
Mathematics 2232 (M1 900-2), 2233 (M1 900-3), 2245
4. **Education Specialty Courses..... 9 credits**  
Education 1100 Required. To complete the 9 credits, choose from Education 1150, 2201, Psychology 2220, 2230, 2233 or 2237
5. Fulfill these requirements in the categories specified
  - a. Complete at least one course from the Human Relations category which also fulfills General Education Core Requirements:  
**Anthropology** 1100 (S1 901N), 1101 (S1 900N), 1105 (S1 904D), 1130 (S1 904D)  
**Art** 1100 (F2 900)  
**English** 1160 (H3 910D), 1161 (H3 910D), 1165 (H3 911D)  
**Geography** 1130 (S4 900N)  
**Humanities** 1110 (HF 906D)  
**Philosophy** 1110 (H4904), 2010 (H4 901), 2011 (H4 902)  
**Psychology** 2235 (S6 905), 2240 (S8 900)  
**Sociology** 1100 (S7 900), 1120 (S7 904D), 2215 (S7 903D)
  - b. Complete at least one course from the Global/Multicultural Studies category which also fulfills General Education Core Requirements.

**Anthropology** 1000 (S1 900N), 1100 (S1 901N), 1105 (S1 904D), 1125 (S1 902), 1130 (S1 904D)

**Art** 1100 (F2 900), 2214 (F2 903N)

**Chinese** 2202 (H1 900)

**English** 1160 (H3 910D), 1161 (H3 910D), 2226 (H3 907), 2227 (H3 907)

**French** 2202 (H1 900), 2251 (H1 900), 2252 (H1 900)

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

**German** 2202 (H1 900), 2251 (H1 900), 2252 (H1 900)

**History** 2205 (H2 903N), 2210 (S2 907N), 2215 (S2 916N), 2220 (H2 903N), 2225 (H2 908), 2230 (H2 908), 2235 (H2 903N)

**Humanities** 1105 (HF 904N)

**Italian** 2202 (H1 900), 2251 (H1 900), 2252 (H1 900)

**Japanese** 2202 (H1 900), 2251 (H1 900), 2252 (H1 900)

**Korean** 2202 (H1 900)

**Music** 1104 (IAI F1 904), 1115 (F1 903N)

**Philosophy** 1110 (H4 904), 1116 (H4 904), 1150 (H5 904N)

**Political Science** 2203 (S5 905), 2220 (S5 9404N)

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

**Russian** 2202 (H1 900)

**Sociology** 2210 (S7 901), 2220 (S7 902)

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

- c. Complete this course from the Contemporary Life Skills category which also fulfills Education Specialty Course Requirements: Education 1100.
6. Select courses to complete the minimum required 64 credits from General Education Core Curriculum courses, elective courses and Career/Technical Education courses.
7. Satisfy graduation requirements for all associate's degrees (refer to p. 19).
8. Earn no credit with a satisfactory/fail grade option.
9. 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. However, policies on acceptance of AP, CLEP and Proficiency by Instructor credits vary among academic programs and from institution to institution. Be sure to consult Education and Mathematics advisors as to the transferability of these credits to a specific baccalaureate-granting institution.

### Notes:

See a Counselor or Advisor for the appropriate choices in Mathematics, Physical and Life Sciences, Humanities, Social and Behavioral Sciences, and Fine Arts for transfer to a chosen program of study.

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

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## General Education Core Requirement Courses

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

Written (6 credits) English 1101 (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..... 8 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), 1151 (L1 900L)

#### *Physical Sciences*

**Chemistry** 1105 (P1 903L), 1137 (P1903L), 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), 1119 (P1 905) (No Lab), 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) (Recommended because of applied calculus content.)

### **Mathematics ..... 5 credits**

**Mathematics** 2231 (M1 900-1)

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

Select at least one course from Humanities and at least one  
course from Fine Arts; the third course can be from either  
Humanities or 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),  
1125 (S1 902), 1130 (S1 904D), 1200 (S1 903)

**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 904N)

**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)