

PROGRAMS  
THAT LEAD TO A  
**BACHELOR'S  
DEGREE**

ASSOCIATE IN ARTS  
AND  
ASSOCIATE IN FINE ARTS



# Associate in Arts

Program Code: 0001

## Description:

These requirements are for students who are majoring in one or more of the liberal arts and who plan to transfer to a four-year institution to complete a baccalaureate degree. The curriculum guides that follow serve as a general guide to the selection of courses toward fulfilling degree requirements specific to your intended major at a four-year college or university. Since requirements vary at colleges and universities, it is important to select your courses with the assistance of an academic advisor.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 64 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, HIST 230, LIT 117, LIT 215
- \_\_\_ Social Science: ECON 115, ECON 201, GEOG 151, HIST 180, HIST 181, HIST 292, POLS 150
- \_\_\_ Behavioral Science: ANTH 210, PSYC 200, PSYC 265, PSYC 267, PSYC 277, PSYC 295, SOC 153, SOC 203, SOC 210, SOC 222, SOC 230, SOC 255, SOC 259, SOC 265

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, MUS 110, PHIL 155
- \_\_\_ Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- \_\_\_ Behavioral Science: ANTH 150

## Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Arts

## Degree Requirements Checklist

### Communications (total of 9 semester credits) A minimum grade of "C" is required in ENG 101 & 102

\_\_\_\_\_ ENG 101                      \_\_\_\_\_ ENG 102                      \_\_\_\_\_ SPCH 151

### General Humanities (total of 3 semester credits)

_____ FREN 202	_____ LIT 125	_____ LIT 214	_____ PHIL 151
_____ GERM 202	_____ LIT 133	_____ LIT 215	_____ PHIL 152
_____ HIST 230	_____ LIT 134	_____ LIT 251	_____ PHIL 153
_____ HIST 286	_____ LIT 201	_____ LIT 252	_____ PHIL 154
_____ LIT 113	_____ LIT 202	_____ LIT 290	_____ PHIL 155
_____ LIT 117	_____ LIT 205	_____ LIT 291	_____ PHIL 160
_____ LIT 120	_____ LIT 213	_____ PHIL 150	_____ SPAN 202

### Humanities-Fine Arts (total of 3 semester credits)

_____ ART 101	_____ ART 104	_____ ART 110	_____ MUS 101
_____ ART 102	_____ ART 105	_____ FILM 115	_____ MUS 102
_____ ART 103	_____ ART 106	_____ FILM 215	_____ MUS 110
			_____ THEA 120

### Additional General Humanities/Fine Arts (total of 3 semester credits)

\_\_\_\_\_ Additional course from either General Humanities or Fine Arts

### Social Science (total of 3 semester credits)

_____ ECON 115	_____ HIST 101	_____ HIST 118	_____ POLS 240
_____ ECON 201	_____ HIST 102	_____ HIST 152	_____ POLS 261
_____ ECON 202	_____ HIST 114	_____ HIST 180	_____ POLS 262
_____ GEOG 152	_____ HIST 115	_____ HIST 181	_____ POLS 270
_____ GEOG 202	_____ HIST 117	_____ POLS 150	

### Behavioral Science (total of 3 semester credits)

_____ ANTH 150	_____ PSYC 151	_____ PSYC 251	_____ SOC 153
_____ ANTH 160	_____ PSYC 210	_____ PSYC 253	_____ SOC 203
_____ ANTH 250	_____ PSYC 250	_____ PSYC 295	_____ SOC 230
			_____ SOC 255

### Additional Social Science/Behavioral Science (total of 3 semester credits)

\_\_\_\_\_ Additional course from either Social Science or Behavioral Science

### Additional Humanities or Social/Behavioral Science (select 3 additional semester credits from either General Humanities, Humanities: Fine Arts, Social Sciences, Behavioral Sciences, or the courses listed below) The courses below are not included in the IAI General Education Core Curriculum.

_____ ANTH 210	_____ HIST 234	_____ POLS 290	_____ PSYC 277
_____ ED 252	_____ HIST 250	_____ POLS 292	_____ PSYC 280
_____ ED 293	_____ HIST 282	_____ PSYC 200	_____ PSYC 288
_____ FREN 201	_____ HIST 288	_____ PSYC 225	_____ SOC 210
_____ GEOG 151	_____ HIST 292	_____ PSYC 252	_____ SOC 222
_____ GEOG 240	_____ LIT 219	_____ PSYC 254	_____ SOC 259
_____ GEOG 241	_____ LIT 293	_____ PSYC 259	_____ SOC 265
_____ GERM 201	_____ MUS 103	_____ PSYC 260	_____ SPAN 201
_____ HIST 151	_____ PHIL 156	_____ PSYC 265	_____ SPCH 200
_____ HIST 160	_____ PHIL 171	_____ PSYC 266	_____ SPCH 256
_____ HIST 161	_____ POLS 280	_____ PSYC 267	
_____ HIST 232	_____ POLS 289	_____ PSYC 270	

### Mathematics (total of 4 semester credits)

_____ MATH 106	_____ MATH 113	_____ MATH 203	_____ MATH 213
_____ MATH 107	_____ MATH 191	_____ MATH 204	_____ BUS 205
_____ MATH 111		_____ MATH 205	

### Life Science (total of 4 semester credits)

\_\_\_\_\_ BIOL 100  
\_\_\_\_\_ BIOL 101  
\_\_\_\_\_ BIOL 104  
\_\_\_\_\_ BIOL 108

### Physical Science (total of 4 semester credits)

_____ ATY 101	_____ ES 180
_____ CHEM 100	_____ ES 250
_____ CHEM 101	_____ PHYS 101
_____ CHEM 105	_____ PHYS 104
_____ ES 101	_____ PHYS 151
_____ ES 102	_____ PHYS 204
_____ ES 114	

### Human Well-Being (total of 2 semester credits) The courses below are not included in the IAI General Education Core Curriculum.

_____ HES 130	_____ HES 152	_____ HES 155	_____ HES 158
_____ HES 131	_____ HES 154	_____ HES 156	_____ HRO 150
_____ HES 151			

### Transfer Major/Minor Fields and Electives (total of 20 semester credits)

Applicable elective courses are identified in the Course Description Guide as "T" type classes. See an academic advisor to assist you with the selection of courses to fulfill the above requirements. Specific course requirements vary among colleges and universities.

XXX Human Relations Classes    XXX Non-Western Culture

# Associate in Fine Arts/Art

Program Code: 0052

## Description:

These requirements are for students who are majoring in Art and who plan to transfer to a four-year institution to complete a baccalaureate degree. AFA students complete their general education requirements after they transfer to a four-year college or university. Students who are interested in pursuing the AFA-Art degree program should consult with a full-time art faculty member or an academic advisor. A portfolio review is often required for admission into a BA or BFA in Art at a four-year institution. For more information, see the Art curriculum in this section.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 65 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, HIST 230, LIT 117, LIT 215
- \_\_\_ Social Science: ECON 115, ECON 201, HIST 180, HIST 181, POLS 150
- \_\_\_ Behavioral Science: PSYC 295, SOC 153, SOC 203, SOC 230, SOC 255

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, MUS 110, PHIL 155
- \_\_\_ Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- \_\_\_ Behavioral Science: ANTH 150

## Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Fine Arts/Art Degree Requirements Checklist

## Communications (total of 9 semester credits) A minimum grade of "C" is required in ENG 101 & 102

\_\_\_\_\_ ENG 101                      \_\_\_\_\_ ENG 102                      \_\_\_\_\_ SPCH 151

## Humanities (total of 6 semester credits) Courses must be selected from two subject areas

_____ <b>ART 103</b>	_____ <b>LIT 117</b>	_____ LIT 214	_____ PHIL 150
_____ <b>ART 110</b>	_____ LIT 120	_____ <b>LIT 215</b>	_____ PHIL 151
_____ FILM 115	_____ LIT 125	_____ LIT 251	_____ PHIL 152
_____ FILM 215	_____ LIT 133	_____ LIT 252	_____ PHIL 153
_____ FREN 202	_____ LIT 134	_____ LIT 290	_____ PHIL 154
_____ GERM 202	_____ LIT 201	_____ LIT 291	_____ <b>PHIL 155</b>
_____ <b>HIST 230</b>	_____ LIT 202	_____ MUS 101	_____ PHIL 160
_____ <b>HIST 286</b>	_____ <b>LIT 205</b>	_____ MUS 102	_____ SPAN 202
_____ LIT 113	_____ LIT 213	_____ <b>MUS 110</b>	_____ THEA 120

## Social Science (total of 3 semester credits)

_____ <b>ECON 115</b>	_____ <b>HIST 101</b>	_____ <b>HIST 118</b>	_____ POLS 240
_____ <b>ECON 201</b>	_____ <b>HIST 102</b>	_____ HIST 152	_____ POLS 261
_____ ECON 202	_____ <b>HIST 114</b>	_____ <b>HIST 180</b>	_____ POLS 262
_____ <b>GEOG 152</b>	_____ <b>HIST 115</b>	_____ <b>HIST 181</b>	_____ POLS 270
_____ <b>GEOG 202</b>	_____ <b>HIST 117</b>	_____ <b>POLS 150</b>	

## Behavioral Science (total of 3 semester credits)

_____ <b>ANTH 150</b>	_____ PSYC 151	_____ PSYC 251	_____ <b>SOC 153</b>
_____ ANTH 160	_____ PSYC 210	_____ <b>PSYC 253</b>	_____ <b>SOC 203</b>
_____ ANTH 250	_____ PSYC 250	_____ <b>PSYC 295</b>	_____ <b>SOC 230</b>
			_____ <b>SOC 255</b>

## Mathematics (total of 4 semester credits)

_____ MATH 106	_____ MATH 111	_____ MATH 203	_____ MATH 213
_____ MATH 107	_____ MATH 113	_____ MATH 204	_____ BUS 205
	_____ MATH 191	_____ MATH 205	

## Life Science

(total of 4 semester credits)

\_\_\_\_\_ BIOL 100  
 \_\_\_\_\_ BIOL 101  
 \_\_\_\_\_ BIOL 104  
 \_\_\_\_\_ BIOL 108

## Physical Science

(total of 4 semester credits)

\_\_\_\_\_ ATY 101  
 \_\_\_\_\_ CHEM 100  
 \_\_\_\_\_ CHEM 101  
 \_\_\_\_\_ CHEM 105

_____ ES 101	_____ PHYS 101
_____ ES 102	_____ PHYS 104
_____ ES 114	_____ PHYS 151
_____ ES 180	_____ PHYS 204
_____ ES 250	

## Art Core Requirements (total of 21 semester credits)

_____ ART 104	_____ ART 111	_____ ART 150	_____ ART 252
_____ ART 105	_____ ART 112	_____ ART 250	

## Media-specific Studio Course Options (total of 9 semester credits in at least two areas)

### Ceramics

\_\_\_\_\_ ART 113  
 \_\_\_\_\_ ART 114

### Photography

\_\_\_\_\_ ART 116  
 \_\_\_\_\_ ART 217

### Painting

\_\_\_\_\_ ART 211  
 \_\_\_\_\_ ART 212

### Sculpture

\_\_\_\_\_ ART 218  
 \_\_\_\_\_ ART 219

### Digital Imaging

\_\_\_\_\_ ART 240  
 \_\_\_\_\_ ART 241

### Design

\_\_\_\_\_ ART 213

## Human Well-Being (total of 2 semester credits)

_____ HES 130	_____ HES 151	_____ HES 154	_____ HES 156
_____ HES 131	_____ HES 152	_____ HES 155	_____ HES 158
			_____ HRO 150

**XXX** Human Relations Classes    **XXX** Non-Western Culture

# Associate in Fine Arts/Music Education

Program Code: 0051

## Description:

These requirements are for students who are majoring in Music Education and who plan to transfer to a four-year institution to complete a baccalaureate degree. AFA students complete their general education requirements after they transfer to a four-year college or university. Students who are interested in pursuing the AFA-Music Education degree program should consult with a full-time Music faculty member or an academic advisor. Students pursuing the music major must audition in the instrumental or vocal area of their choice in order to determine whether or not they may receive department permission to enroll in Applied Instruction. In addition, students are required to take a fundamental theory skills test to determine placement in MUS 104 or MUS 105. Students are strongly encouraged to audition and take the theory placement in the spring semester before the fall semester in which they intend to enroll. For more information, see the Music curriculum in this section.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 67 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Social Science General Education requirement. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, LIT 117, LIT 215
- \_\_\_ Social Science: HIST 180, HIST 181, POLS 150

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities General Education requirement. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, PHIL 155

## Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Fine Arts/Music Education

## Degree Requirements Checklist

**Communications** (total of 9 semester credits) A minimum grade of "C" is required in ENG 101 & 102

\_\_\_\_\_ ENG 101                      \_\_\_\_\_ ENG 102                      \_\_\_\_\_ SPCH 151

**Humanities** (total of 6 semester credits)

_____ ART 101	_____ FILM 215	_____ LIT 133	_____ LIT 251	_____ PHIL 154
_____ ART 102	_____ FREN 202	_____ LIT 134	_____ LIT 252	_____ <b>PHIL 155</b>
_____ <b>ART 103</b>	_____ GERM 202	_____ LIT 201	_____ LIT 290	_____ PHIL 160
_____ ART 104	_____ <b>HIST 286</b>	_____ LIT 202	_____ LIT 291	_____ SPAN 202
_____ ART 105	_____ LIT 113	_____ <b>LIT 205</b>	_____ PHIL 150	_____ THEA 120
_____ ART 106	_____ <b>LIT 117</b>	_____ LIT 213	_____ PHIL 151	
_____ <b>ART 110</b>	_____ LIT 120	_____ LIT 214	_____ PHIL 152	
_____ FILM 115	_____ LIT 125	_____ <b>LIT 215</b>	_____ PHIL 153	

**Social Science** (total of 3 semester credits-one of the following)

\_\_\_\_\_ **POLS 150**                      \_\_\_\_\_ **HIST 180**                      \_\_\_\_\_ **HIST 181**

**Mathematics** (total of 4 semester credits)

_____ MATH 106	_____ MATH 191	_____ MATH 213
_____ MATH 107	_____ MATH 203	_____ BUS 205
_____ MATH 111	_____ MATH 204	
_____ MATH 113	_____ MATH 205	

**Life Science** (total of 4 semester credits)

\_\_\_\_\_ BIOL 100  
\_\_\_\_\_ BIOL 101  
\_\_\_\_\_ BIOL 104  
\_\_\_\_\_ BIOL 108

**Physical Science** (total of 4 semester credits)

_____ ATY 101	_____ ES 180
_____ CHEM 100	_____ ES 250
_____ CHEM 101	_____ PHYS 101
_____ CHEM 105	_____ PHYS 104
_____ ES 101	_____ PHYS 151
_____ ES 102	_____ PHYS 204
_____ ES 114	

**Music Theory** (total of 16 semester credits)

\_\_\_\_\_ MUS 105                      \_\_\_\_\_ MUS 205  
\_\_\_\_\_ MUS 106                      \_\_\_\_\_ MUS 206

**Music Literature/History** (total of 3 semester credits)

\_\_\_\_\_ MUS 103

**Keyboard Skills** (total of 4 semester credits)

Two courses required in sequence, depending upon students' piano background.

\_\_\_\_\_ MUS 111                      \_\_\_\_\_ MUS 213  
\_\_\_\_\_ MUS 112                      \_\_\_\_\_ MUS 214

**Ensemble** (total of 4 semester credits)

Choose either College Choir, Jazz Band, Concert Band, or Guitar Ensemble

College Choir	Jazz Band	Concert Band	Guitar Ensemble
_____ MUS 161	_____ MUS 163	_____ MUS 159	_____ MUS 175
_____ MUS 162	_____ MUS 164	_____ MUS 160	_____ MUS 176
_____ MUS 261	_____ MUS 263	_____ MUS 259	_____ MUS 275
_____ MUS 262	_____ MUS 264	_____ MUS 260	_____ MUS 276

**Applied Instruction** (total of 8 semester credits, preferably in one area or instrument)

(Each course may be taken four times for credit)

_____ MUS 219 Piano	_____ MUS 225 Flute	_____ MUS 231 Viola
_____ MUS 220 Voice	_____ MUS 226 Clarinet	_____ MUS 232 Cello
_____ MUS 221 Trumpet	_____ MUS 227 Oboe	_____ MUS 233 Double Bass
_____ MUS 222 French Horn	_____ MUS 228 Bassoon	_____ MUS 234 Guitar
_____ MUS 223 Trombone	_____ MUS 229 Saxophone	_____ MUS 235 Bass Guitar
_____ MUS 224 Tuba/Euphonium	_____ MUS 230 Violin	_____ MUS 236 Percussion

**Human Well-Being** (total of 2 semester credits)

\_\_\_\_\_ HES 151

**XXX** Human Relations Classes    **XXX** Non-Western Culture

# Associate in Fine Arts/Music Performance

Program Code: 0050

## Description:

These requirements are for students who are majoring in Music Performance and who plan to transfer to a four-year institution to complete a baccalaureate degree. AFA students complete their general education requirements after they transfer to a four-year college or university. Students who are interested in pursuing the AFA-Music Performance degree program should consult with a full-time Music faculty member or an academic advisor. Students pursuing the Music major must audition in the instrumental or vocal area of their choice in order to determine whether or not they may receive department permission to enroll in Applied Instruction. In addition, students are required to take a fundamental theory skills test to determine placement in MUS 104 or MUS 105. Students are strongly encouraged to audition and take the theory placement in the spring semester before the fall semester in which they intend to enroll. For more information see the Music curriculum in this section.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 67 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## Subject Areas:

Courses must be selected from two subject areas in Humanities.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, HIST 230, LIT 117, LIT 215
- \_\_\_ Social Science: ECON 115, ECON 201, HIST 180, HIST 181, POLS 150
- \_\_\_ Behavioral Science: PSYC 295, SOC 153, SOC 203, SOC 230, SOC 255

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, PHIL 155
- \_\_\_ Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- \_\_\_ Behavioral Science: ANTH 150

## Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Fine Arts/Music Performance

## Degree Requirements Checklist

### Communications (total of 9 semester credits) A minimum grade of "C" is required in ENG 101 & 102

\_\_\_\_\_ ENG 101                      \_\_\_\_\_ ENG 102                      \_\_\_\_\_ SPCH 151

### Humanities (total of 6 semester credits) Courses must be selected from two subject areas

_____ ART 101	_____ FILM 215	_____ LIT 125	_____ <b>LIT 215</b>	_____ PHIL 153
_____ ART 102	_____ FREN 202	_____ LIT 133	_____ LIT 251	_____ PHIL 154
_____ <b>ART 103</b>	_____ GERM 202	_____ LIT 134	_____ LIT 252	_____ <b>PHIL 155</b>
_____ ART 104	_____ <b>HIST 230</b>	_____ LIT 201	_____ LIT 290	_____ PHIL 160
_____ ART 105	_____ <b>HIST 286</b>	_____ LIT 202	_____ LIT 291	_____ SPAN 202
_____ ART 106	_____ LIT 113	_____ <b>LIT 205</b>	_____ PHIL 150	_____ THEA 120
_____ <b>ART 110</b>	_____ <b>LIT 117</b>	_____ LIT 213	_____ PHIL 151	
_____ FILM 115	_____ LIT 120	_____ LIT 214	_____ PHIL 152	

### Social or Behavioral Science (total of 3 semester credits)

_____ <b>ANTH 150</b>	_____ <b>HIST 102</b>	_____ POLS 240	_____ <b>PSYC 295</b>
_____ ANTH 160	_____ <b>HIST 114</b>	_____ POLS 261	_____ <b>SOC 153</b>
_____ ANTH 250	_____ <b>HIST 115</b>	_____ POLS 262	_____ <b>SOC 203</b>
_____ <b>ECON 115</b>	_____ <b>HIST 117</b>	_____ POLS 270	_____ <b>SOC 230</b>
_____ <b>ECON 201</b>	_____ <b>HIST 118</b>	_____ PSYC 151	_____ <b>SOC 255</b>
_____ ECON 202	_____ HIST 152	_____ PSYC 210	
_____ <b>GEOG 152</b>	_____ <b>HIST 180</b>	_____ PSYC 250	
_____ <b>GEOG 202</b>	_____ <b>HIST 181</b>	_____ PSYC 251	
_____ <b>HIST 101</b>	_____ <b>POLS 150</b>	_____ PSYC 253	

### Mathematics (total of 4 semester credits)

_____ MATH 106	_____ MATH 111	_____ MATH 203	_____ MATH 213
_____ MATH 107	_____ MATH 113	_____ MATH 204	_____ BUS 205
	_____ MATH 191	_____ MATH 205	

### Life Science (total of 4 semester credits)

\_\_\_\_\_ BIOL 100  
 \_\_\_\_\_ BIOL 101  
 \_\_\_\_\_ BIOL 104  
 \_\_\_\_\_ BIOL 108

### Physical Science (total of 4 semester credits)

_____ ATY 101	_____ ES 180
_____ CHEM 100	_____ ES 250
_____ CHEM 101	_____ PHYS 101
_____ CHEM 105	_____ PHYS 104
_____ ES 101	_____ PHYS 151
_____ ES 102	_____ PHYS 204
_____ ES 114	

### Music Theory (total of 16 semester credits)

\_\_\_\_\_ MUS 105  
 \_\_\_\_\_ MUS 106  
 \_\_\_\_\_ MUS 205  
 \_\_\_\_\_ MUS 206

### Keyboard Skills (total of 4 semester credits) Two courses required in sequence, depending upon students' piano background

\_\_\_\_\_ MUS 111  
 \_\_\_\_\_ MUS 112  
 \_\_\_\_\_ MUS 213  
 \_\_\_\_\_ MUS 214

### Music Literature/History (total of 3 semester credits)

\_\_\_\_\_ MUS 103

### Ensemble (total of 4 semester credits)

Choose either College Choir, Jazz Band, Concert Band, or Guitar Ensemble

#### College Choir

\_\_\_\_\_ MUS 161  
 \_\_\_\_\_ MUS 162  
 \_\_\_\_\_ MUS 261  
 \_\_\_\_\_ MUS 262

#### Jazz Band

\_\_\_\_\_ MUS 163  
 \_\_\_\_\_ MUS 164  
 \_\_\_\_\_ MUS 263  
 \_\_\_\_\_ MUS 264

#### Concert Band

\_\_\_\_\_ MUS 159  
 \_\_\_\_\_ MUS 160  
 \_\_\_\_\_ MUS 259  
 \_\_\_\_\_ MUS 260

#### Guitar Ensemble

\_\_\_\_\_ MUS 175  
 \_\_\_\_\_ MUS 176  
 \_\_\_\_\_ MUS 275  
 \_\_\_\_\_ MUS 276

### Applied Instruction (total of 8 semester credits, preferably in one area or instrument)

(Each course may be taken four times for credit)

_____ MUS 219 Piano	_____ MUS 225 Flute	_____ MUS 231 Viola
_____ MUS 220 Voice	_____ MUS 226 Clarinet	_____ MUS 232 Cello
_____ MUS 221 Trumpet	_____ MUS 227 Oboe	_____ MUS 233 Double Bass
_____ MUS 222 French Horn	_____ MUS 228 Bassoon	_____ MUS 234 Guitar
_____ MUS 223 Trombone	_____ MUS 229 Saxophone	_____ MUS 235 Bass Guitar
_____ MUS 224 Tuba/Euphonium	_____ MUS 230 Violin	_____ MUS 236 Percussion

### Human Well-Being (total of 2 semester credits)

_____ HES 130	_____ HES 151	_____ HES 154	_____ HES 158
_____ HES 131	_____ HES 152	_____ HES 155	_____ HRO 150
		_____ HES 156	

**XXX** Human Relations Classes    **XXX** Non-Western Culture

# Associate in Arts in Teaching – Secondary Mathematics

Program Code: 0092

## Description:

The Associate in Arts in Teaching – Secondary Mathematics is intended for students interested in becoming high school mathematics teachers. Completion of this degree should enable students to transfer as juniors into an upper division teacher preparation program at an Illinois public university. A bachelor's degree in mathematics with secondary teaching certification is required to teach high school mathematics in Illinois.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 64 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## Graduation Requirement:

Students must pass the [Illinois Basic Skills Test](#) for pre-service teachers prior to graduation. Contact the program coordinator for more information.

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, HIST 230, LIT 117, LIT 215
- \_\_\_ Social Science: ECON 115, ECON 201, HIST 180, HIST 181, HIST 230, POLS 150
- \_\_\_ Behavioral Science: PSYC 295, SOC 153, SOC 203, SOC 230, SOC 255

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, MUS 110, PHIL 155
- \_\_\_ Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- \_\_\_ Behavioral Science: ANTH 150

## Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15



# Accounting Pre-Major

## Associate in Arts Degree

Department Chair: Dawn Peters  
Faculty: Dawn Peters, CPA, Jessica Talleur, CPA

Dean: Janet Fontenot

Accounting courses are useful to everyone in business. A major in accounting may lead to careers in business, industry or government. The Accounting pre-major prepares students to transfer to a four-year college or university and continue for a baccalaureate degree.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you **KNOW** where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you **DON'T KNOW** where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Accounting Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in accounting should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - ACCT 110 Financial Accounting
  - ACCT 111 Managerial Accounting
  - ECON 201 Principles of Economics I (Macro)
  - ECON 202 Principles of Economics II (Micro)
3. **Most** four-year colleges and universities will accept the following classes as accounting major credit:
  - ACCT 110 Financial Accounting
  - ACCT 111 Managerial Accounting
  - ECON 201 Principles of Economics I (Macro)
  - ECON 202 Principles of Economics II (Micro)
4. The **optional** courses listed below may be applicable toward a baccalaureate accounting major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BUS 209 Business Computer Systems
  - MATH 213 Calculus for Business & Social Science
  - BUS 205 Economic and Business Statistics
  - SPCH 151 Fundamentals of Public Speaking
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in accounting including:

- Certified public accountant
- Internal auditor
- Controller
- Assistant controller
- Tax accountant
- Investment banker
- Management consultant
- Cost accountant
- Financial analyst
- IRS agent

# Aerospace Studies (AS)

Dean: Richard Spencer

**For information on the Air Force Reserve Officer Training Corps (AFROTC) and class schedules, please visit [www.afrotc.com](http://www.afrotc.com) or call 314-977-8227.**

The objective of the AFROTC is to qualify students for appointment as second lieutenants in the United States Air Force. However, any student may enroll in the freshman/sophomore level aerospace studies courses and students may enroll in the junior/senior-level courses with the permission of the professor of Aerospace Studies.

The Department of Aerospace Studies at Parks College of Saint Louis University and Southern Illinois University Edwardsville offers two- and four-year programs. Through an agreement, students register at SWIC and then attend classes at the Edwardsville campus, Parks College, or any other school offering Aerospace Studies. Aerospace Studies courses are not offered at any SWIC location.

The four-year program is tailored for students with three or more years of undergraduate studies remaining. Students with junior standing or above may apply for entry into the two-year program. The two-year program is competitive and based on standardized scores, academic major, grade-point average, physical examination, personal interview with the professor of Aerospace Studies and successful completion of a summer field training session at an Air Force base. Applicants must be full-time students and must remain in good academic standing.

The Aerospace Studies program is divided into two parts: the General Military Course, the freshman/sophomore-level curriculum, and the Professional Officer Course, the junior/senior-level curriculum. The GMC covers two main themes: The Air Force Today and The Air Force Way. Freshmen cadets will enroll in the AS 101/102 courses which take place at SLU on Wednesdays from 2-3 p.m. Cadets who enroll in AFROTC with only three years left until graduation will be enrolled as members of the AS 200 class and participate in field training preparation activities. The courses of the POC emphasize the professional development of the future Air Force officer. The curriculum covers Air Force Leadership and Management and Preparation for Active Duty. Field trips to Air Force bases supplement classroom instruction and familiarize the cadet with Air Force operations and organizations.

## **To be commissioned, AFROTC cadets must:**

Pass a medical exam at a military facility.

- Obtain a favorable evaluation on an Armed Forces personal history security investigation.
- Be at least 18 years old. Flying applicants must complete commissioning requirements before age 26 1/2 and non-flying applicants must complete commissioning requirements by age 30. However, the age limit for non-flying applicants may be extended to age 35 for outstanding individuals.
- Be of good character (as determined by a favorable record with law enforcement authorities).
- Successfully complete all AFROTC course requirements.
- Complete at least a baccalaureate degree.

AFROTC cadets must also successfully complete supplemental courses to enhance their utility and performance as commissioned officers. These include university courses in English composition and mathematical reasoning. Specific courses are designated by the professor of Aerospace Studies.

The Air Force ROTC textbooks are loaned to all ROTC students without charge. Students in the POC will receive a subsistence allowance of \$350 per month for a maximum of 20 months.

In addition to the AFROTC courses offered for academic credit, the Aerospace Studies Department sponsors the Arnold Air Society. Arnold Air Society is a national honorary service organization open to selected AFROTC cadets.

## **Field Training**

Cadets in the four-year program participate in four weeks of field training. Cadets in the two- or three-year programs (exception for prior AF service) must attend the six-week FT session, which is identical to the four-week program plus 90 hours of GMC curriculum. Field training is offered during the summer months at selected bases throughout the United States, usually between a student's sophomore and junior years. Major areas of study include: Air Force Orientation, Officer Training, aircrew/aircraft orientation, survival training, base functions and physical training.

## **Leadership Laboratory**

In conjunction with Aerospace Studies curriculum, leadership laboratory is taken two hours per week throughout the student's enrollment in the AFROTC and is both organized and lead by cadets enrolled in the professional officer course. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. The first two years of the leadership laboratory include a study of Air Force customs and courtesies, drill and ceremonies, studying the environment of an Air Force officer; and learning about areas of opportunity available to commissioned officers. The last two years of the leadership laboratory involve planning and controlling of military activities of the cadet corps. LLAB is held at SLU on Wednesdays from 3:30-5:30 p.m. and is mandatory for all cadets in the AFROTC program.

Incoming freshmen can join by registering for the Aerospace Studies course title AS 101: Foundations of USAF 1. Students with three years or less left until graduation can join by contacting the Unit Admissions Officer at AFROTC Detachment 207 at 314-977-8772 or by visiting their website at [parks.slu.edu/afrotc](http://parks.slu.edu/afrotc).

## **Air Force Scholarships**

The Air Force presently offers four, three-and-one-half, three, two-and-one-half, and two-year scholarships to qualified students. These scholarships pay tuition, certain fees, and textbook costs. Scholarship participants receive the \$150 per month subsistence allowance.

Federal and Illinois state scholarships are available for AFROTC cadets – any academic major may apply. Applications for federal scholarships should be submitted by detachment personnel to Headquarters Reserve Officers Training Corps, Maxwell Air Force Base, Alabama. Additionally, Illinois Veterans Tuition Assistance is available for Illinois Veterans who qualify. Information on scholarships can be acquired by telephoning Air Force ROTC Detachment 207 at 888-423-7682.

## **AEROSPACE STUDIES – U.S. AIR FORCE**

Professor: Lt. Col. Angela Johnson

- Participation in AFROTC is not required to take Aerospace courses.
- Aerospace Studies courses (AS 101 through AS 202) are basic courses designed to acquaint students with the United States Air Force and the opportunities available as an officer.

Some courses may have requisites. Refer to the *Course Description Guide* beginning on page 250.

# Agriculture Pre-Major

## Associate in Arts Degree

Program Coordinator: Kurt Range

Dean: Steve Holman

Agriculture in today's world is a business – planning, production and marketing of agriculture products and supplies. One of every four jobs in Illinois is related to growing, processing and transporting food products. Students who enter the field of agriculture have many career opportunities, including new, nontraditional careers in technology driven areas.

SWIC and University of Illinois Urbana-Champaign have 2+2 Agreements for the following majors:

Agricultural and Consumer Economics  
Agricultural Leadership & Science Education  
Animal Sciences  
Crop Sciences  
Food Science and Human Nutrition  
Human Development & Family Studies  
Natural Resources & Environmental Sciences  
Technical Systems Management

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Agriculture Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in agriculture should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - AGRI 111 Animal Science
  - AGRI 121 Soil Science
  - AGRI 152 Agricultural Economics
  - AGRI 235 Crop Science
3. **Most** four-year colleges and universities will accept the following classes as agriculture major credit:
  - HORT 102 Introduction to Horticulture
4. The **optional** courses listed below may be applicable toward a baccalaureate agriculture major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 151 Botany
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in agriculture including:

- Farm manager
- Rancher
- Forester
- Forestry technician
- Fish and game warden
- Animal trainer
- Horticulturist
- Crop/soil conservationist
- Park ranger
- Agronomist
- Conservation agent
- Floral designer
- Wildlife manager
- Plant geneticist/breeder
- Agricultural researcher/developer
- Agricultural economist
- Animal management
- Agribusiness manager
- Grain merchandiser
- Food safety inspector
- Agricultural product retailer/salesperson
- High school teacher
- Agricultural scientist
- Cereal chemist
- Equine management

# Anthropology Pre-Major

## Associate in Arts Degree

Department Chair: Catina Williams

Faculty: Karen Jobe

Dean: Richard Spencer

Anthropology is the study of culture and biology with the goal of understanding what makes us uniquely human. In addition to documenting particular cultures, anthropologists are interested in the nature of culture and cultural change. Through its holistic approach, anthropology links the social sciences, life sciences, and humanities in the exploration of human variations and universals. The focus includes the biological origins of humans, the archaeological study of past cultures, and the exploration of modern day cultural diversity. The anthropological perspective is a useful tool for understanding modern life in its global context and meeting the challenges of cross-cultural interactions.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Anthropology Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in anthropology should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - ANTH 150 Cultural Anthropology
  - SOC 153 Introductory Sociology
3. **Most** four-year colleges and universities will accept the following classes as Anthropology major credit:
  - ANTH 160 Physical Anthropology
  - ANTH 210 Native American Cultures
4. The **optional** courses listed below may be applicable toward a baccalaureate anthropology major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - PSYC 151 General Psychology
  - ANTH 250 Introduction to Archaeology
  - Foreign language course(s)
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in anthropology including:

- Anthropologist
- Archaeologist
- Paleontologist
- Cultural resource manager
- Historic preservationist
- Museum curator
- Community planner
- International human rights advocate
- Forensic anthropologist
- Cultural specialist for health care
- Corporate anthropology
- Law enforcement
- Social impact assessor
- Linguist

# Art Pre-Major

## Associate in Arts Degree

Department Chair Faculty: Paula McAteer  
Faculty: Don Bevirt

Dean: Richard Spencer

Drawing and painting, photography, ceramics, graphics, sculpture and printmaking – all are important to art instruction at SWIC.

Full-time and part-time faculty members are degreed professional artists, known in their fields. They exhibit nationally and are called upon to lecture, consult and judge shows in the Illinois/Missouri area as well as throughout the nation. In addition to your classroom experience, you may have the opportunity to show your work in campus exhibits and see firsthand the techniques of reputed artists who are brought to the campus for seminars.

Personal directions within the visual arts should be coordinated with the Art faculty as soon as possible.

SWIC and Southern Illinois University Edwardsville have a 2+2 Agreement for Art majors.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) or the **Associate in Fine Arts – Art Degree Requirement Checklist** (page 65) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) Art Pre-Major

Transfer requirements vary by receiving institution.

#### First Year

Fall Semester	Semester Credits
ART 104 Art History I: Prehistoric-Gothic	3
ART 111 Basic Design I	3
ENG 101 Rhetoric & Composition I*	3
Social Science Course***	3
Math Course**	4
<b>Total Semester Credits</b>	<b>16</b>

#### Spring Semester

Spring Semester	Semester Credits
ART 105 Art History II: Renaissance-Modern	3
ART 112 Basic Design II	3
ART 150 Drawing I	3
ENG 102 Rhetoric and Composition II*	3
Life Science Course	4
<b>Total Semester Credits</b>	<b>16</b>

#### Second Year

Fall Semester	Semester Credits
ART 250 Drawing II	3
SPCH 151 Fundamentals of Public Speaking	3
Humanities Course***	3
Physical Science Course	4
Behavioral Science Course***	3
<b>Total Semester Credits</b>	<b>16</b>

### Apply for Graduation Now

#### Spring Semester

Spring Semester	Semester Credits
HIST 152 European Civilization II	3
Human Well-Being Elective	2
Studio Art Electives	9
General Humanities Course***	3
<b>Total Semester Credits</b>	<b>17</b>

\*Enrollment in ENG 101 is based on your score on the assessment placement test. A minimum grade of C is required in ENG 101 and ENG 102.

\*\*Enrollment in any math class is based on your score on the assessment placement test.

\*\*\*One Social Science or Humanities elective must be a Third World Culture course. In addition, one Social Science or Humanities elective must be a Human Relations course.

Art options include ceramics, commercial art, painting, photography and drawing. Students must meet all degree requirements.

### Associate in Fine Arts Degree – Art

This degree program is for students who are majoring in Art and planning to transfer to a four-year institution to complete a baccalaureate degree. AFA students complete their general education requirements after they transfer to a four-year college or university. Students who are interested in pursuing the AFA-Art degree program should consult with a full-time art faculty member or an academic advisor. A portfolio review is often required for admission into a BA or BFA in Art at a four-year institution.

### Associate in Fine Arts Degree – Art (0052)

Transfer requirements vary by receiving institution.

#### First Year

Fall Semester	Semester Credits
ART 104 Art History I: Prehistoric-Gothic	3
ART 111 Basic Design I	3
ENG 101 Rhetoric & Composition I*	3
Social Science Course***	3
Math Course**	4
<b>Total Semester Credits</b>	<b>16</b>

Spring Semester	Semester Credits
ART 105 Art History II: Renaissance-Modern	3
ART 112 Basic Design II	3
ART 150 Drawing I	3
ENG 102 Rhetoric and Composition II*	3
Life Science Course	4
<b>Total Semester Credits</b>	<b>16</b>

#### Second Year

Fall Semester	Semester Credits
ART 250 Drawing II	3
SPCH 151 Fundamentals of Public Speaking	3
Media Specific Course	3
Behavioral Science Course	4
Social Science Course***	3
<b>Total Semester Credits</b>	<b>16</b>

### Apply for Graduation Now

Spring Semester	Semester Credits
ART 252 Life Drawing	3
Human Well-Being Elective – ART 103/ART 110	2
Humanities Courses***	6
Studio Art Electives****	6
<b>Total Semester Credits</b>	<b>17</b>

\*Enrollment in ENG 101 is based on your score on the assessment placement test. A minimum grade of C is required in ENG 101 and ENG 102.

\*\*Enrollment in any math class is based on your score on the assessment placement test.

\*\*\*One Social Science or Humanities elective must be a Third World Culture course. In addition, one Social Science or Humanities elective must be a Human Relations course.

\*\*\*\*Studio Art Electives: ART 113, 114, 116, 211, 212, 217, 218, 219, 240, 241.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in art including:

- Freelance artist
- Ceramic artist
- Media designer/producer
- Advertising artist/designer
- Architect
- Illustrator
- Fashion artist/designer
- Graphic artist
- Animator
- Art salesperson
- Art critic
- Art buyer
- Interior designer
- Art educator
- Set/costume designer
- Photographer
- Art therapist
- Art museum curator
- Art conservator
- Art consultant
- Art historian
- Sculptor

# Business Administration Pre-Major

## Associate in Arts Degree

Department Chair: Dawn Peters

Faculty: Angelia Donovan, Stacy Martin, Paris Rosenberg,  
Dennis Shannon, Joseph Sobieralski

Dean: Janet Fontenot

Opportunities in business, industry, government and education are open to those who major in business. Careers include several kinds of accounting, business administration, office administration, business management, computer science, finance, retailing, marketing, banking, and consumer protection and awareness.

SWIC and Park University have 2+2 Articulation Agreements for Management and Management/HR majors.

SWIC and McKendree University have 2+2 Articulation Agreements for Business Administration majors.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Business Administration Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in business administration should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - ACCT 110 Financial Accounting
  - ACCT 111 Managerial Accounting
  - ECON 201 Principles of Economics I (Macro)
  - ECON 202 Principles of Economics II (Micro)
3. **Most** four-year colleges and universities will accept the following classes as business administration major credit:
  - ACCT 110 Financial Accounting
  - ACCT 111 Managerial Accounting
  - ECON 201 Principles of Economics I (Macro)
  - ECON 202 Principles of Economics II (Micro)
4. The **optional** courses listed below may be applicable toward a baccalaureate business administration major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BUS 209 Business Computer Systems
  - MATH 213 Calculus for Business & Social Science
  - BUS 205 Economic and Business Statistics
  - SPCH 151 Fundamentals of Public Speaking
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in business administration including:

- Entry-level manager
- Mid-level manager
- Bank manager

# Early Childhood Education – Pre-Major

## Associate in Arts Degree

Coordinator: Carolyn Beal

Dean: Richard Spencer

A bachelor's degree in Early Childhood Education will provide a person with the skills and knowledge to work with children from birth to third grade. Career opportunities include but are not limited to early childhood educator, parent education coordinator, social service coordinator, and program administrator. **Students intending to find employment after completing a two-year degree should follow the Early Childhood Education Associate in Applied Science program in the blue pages of this catalog.**

NOTE: Check the Illinois State Board of Education website ([www.isbe.net/licensure/default.htm](http://www.isbe.net/licensure/default.htm)) regularly for updates/changes to licensure requirements and grade levels associated.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Early Childhood Education Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in Early Childhood Education should follow the steps listed below.

**It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution, but they usually include the following:

- HIST 180 U.S. History to 1865
  - POLS 150 Intro to American Government
  - PSYC 151 General Psychology
  - ART 101 Art Appreciation OR MUS 101 Music Appreciation
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
    - ECE 110 Intro to Early Childhood Education
    - ECE 112 Growth and Development of Children
    - ED 255 Introduction to Education
    - ED 252 Educational Psychology
    - ED 265 Introduction to Special Education
  3. **Most** four-year colleges and universities will accept the following classes as early childhood education major credit:
    - ED 267 Diversity in 21st Century Schools
    - ECE 250 Child, Family and Community
  4. The **optional** courses listed below may be applicable toward a baccalaureate early childhood education major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
    - ED 267 Diversity in 21st Century Schools
    - ED 293 Children's Literature
    - Other ECE and ED classes
  5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
  6. Apply for graduation by the date published in the college calendar.
  7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.
  8. Taking the Illinois Test of Academic Proficiency – TAP (for transfer to Illinois institutions), the College Basic Academic Subjects Examination (for transfer to Missouri schools, such as the University of Missouri – St. Louis), or the Praxis I (for most other states) is required for admission to a school of education program. Check with a advisor at the institution you plan to attend for specific details. NOTE: There is a five-attempt limit on TAP. (For help in preparing for education entrance tests, consider taking ED 257 Education TAP Test Prep, a one-hour elective.) The state of Illinois now accepts ACT (with writing) scores that have a composite of 22 or higher in place of the TAP. It is highly suggested that students use this option.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A bachelor's degree in early childhood education will provide a person with the skills and knowledge to work with children from birth to third grade. Career opportunities include but are not limited to:

- Early childhood educator
- Parent education coordinator
- Social service coordinator
- Educational program administrator

# Economics Pre-Major

## Associate in Arts Degree

Department Chair: Dawn Peters

Faculty: Paris Rosenberg, Dennis Shannon, Joseph Sobieralski

Dean: Janet Fontenot

A major in economics will prepare students for employment in business and government. Economics is also an excellent major for students who plan on graduate study in law, business or any of the social sciences. A minor in economics is excellent for those who are majoring in any of the social sciences or business-related fields. ECON 201 and ECON 202 may be used to meet the social science course elective.

SWIC and McKendree University have 2+2 Articulation Agreements for Economics majors.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you **KNOW** where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you **DON'T KNOW** where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Economics Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in economics should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - ACCT 110 Financial Accounting
  - ACCT 111 Managerial Accounting
  - ECON 201 Principles of Economics I (Macro)
  - ECON 202 Principles of Economics II (Micro)
3. **Most** four-year colleges and universities will accept the following classes as Economics major credit:
  - ACCT 110 Financial Accounting
  - ACCT 111 Managerial Accounting
  - ECON 201 Principles of Economics I (Macro)
  - ECON 202 Principles of Economics II (Micro)
4. The **optional** courses listed below may be applicable toward a baccalaureate economics major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BUS 209 Business Computer Systems
  - MATH 213 Calculus for Business & Social Science
  - BUS 205 Economic and Business Statistics
  - SPCH 151 Fundamentals of Public Speaking
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in economics including:

- Entry-level manager
- Mid-level manager
- Sales manager
- Financial analyst
- Financial consultant
- Bank manager

# Education – Elementary Pre-Major

## Associate in Arts Degree

Coordinator/Faculty: Caroline Adams

Dean: Richard Spencer

Education is the field of knowledge that deals with the various aspects of the profession of teaching. Among other things, teaching involves making decisions about what and how to teach, engaging students in learning activities, managing learning environments, and assessing student behavior and achievement. Elementary education generally encompasses teaching grades K-8. Note: Check the Illinois State of Education website ([www.isbe.net/licensure/default.htm](http://www.isbe.net/licensure/default.htm)) regularly for updates/changes to licensure requirements.

SWIC has 2+2 Agreements for Elementary Education majors with Southern Illinois University Edwardsville, Greenville College and McKendree University.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Elementary Education Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in elementary education should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. **General Education course preferences may vary by transfer institution.**
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - MATH 105 and MATH 106 Mathematics for Elementary Teachers I and II
  - PSYC 151 General Psychology

- ART 101 Art Appreciation **OR** MUS 101 Music Appreciation
  - HIST 180 and HIST 181 U.S. History to 1865 and U.S. History from 1865 to 1945
  - POLS 150 Intro to American Government
  - HES 151 Health
  - GEOG 152 Global Geography
  - BIOL 101 Principles of Biology I or BIOL 104 Biology for Elementary Teachers
  - PHIL 151 Introductory Logic
  - MATH 112 College Algebra (This is expected to become a new requirement for all teachers in the State of Illinois within the year.)
3. **Most** four-year colleges and universities will require the following classes as elementary education major credit:
    - ED 255 Introduction to Education (20 hours observation)
    - ED 252 Educational Psychology
    - ED 265 Introduction to Special Education (30 hours observation)
    - ED 267 Diversity in 21st Century Schools (required for SIUE)
    - ED 293 Children's Literature
  4. The **optional** courses listed below may be applicable toward a bachelor's in elementary education (either as a required class or as an elective). To ensure acceptance toward your major, check with the four-year institution where you intend to transfer.
    - BIOL 104 Biology for Elementary Teachers (required for SIUE)
    - PHYS 104 Phys. Science for Elem. Teachers (required for SIUE)
    - PSYC 251 Adolescent Development (required for Greenville).
    - ART 260 Art for the Elementary Teacher
    - HES 221 Elementary School Activities
  5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
  6. Apply for graduation by the date published in the college calendar.
  7. Earn **at least 64 transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Most** transfer institutions require a higher GPA for admission (usually a 2.75 or higher) to the institution and/or specific majors, so check with the transfer institution regarding its requirements.
  8. Taking the Illinois Test of Academic Proficiency – TAP (for transfer to Illinois institutions), or the Praxis I (for most other states) is required for admission to a school of education program. Check with an advisor at the institution you plan to attend for specific details. NOTE: The State of Illinois now accepts ACT (with writing) scores. In place of TAP, the state will accept an ACT composite of 22 or higher with a writing score of 6 or higher. SAT of 1100+ (composite) and 26+ (writing/language) is also now accepted. It is highly suggested that students use this option.

### Career Opportunities

SWIC offers courses leading to an Associate in Arts degree, which may then transfer to a four-year institution for pursuance of a bachelor's degree in elementary education. Students completing a bachelor's degree in elementary education may be eligible for certification to teach. In some instances, career paths in coaching or becoming a curriculum specialist may also be possible. Students completing the associate degree might be able to work in certain careers such as a paraprofessional (teacher's aide) or day care, if they choose not to pursue a bachelor's degree.

# Education – Secondary Pre-Major

## Associate in Arts Degree

Coordinator/Faculty: Caroline Adams

Dean: Richard Spencer

Education is the field of knowledge that deals with the various aspects of the teaching profession. Among other things, teaching involves making decisions about what and how to teach, engaging students in learning activities, managing learning environments, and assessing student behavior and achievement. Secondary education generally encompasses teaching grades 6-12 and usually focuses on a specific field of study (e.g.: science, math, English, or social studies). Note: Check the Illinois State of Education website ([www.isbe.net/licensure/default.htm](http://www.isbe.net/licensure/default.htm)) regularly for updates/changes to licensure requirements.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Secondary Education Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in secondary education should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. **General Education course preferences may vary by transfer institution.**
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - PSYC 151 General Psychology
  - ART 101 Art Appreciation **OR** MUS 101 Music Appreciation

- HIST 180 and HIST 181 U.S. History to 1865 and U.S. History from 1865 to 1945
  - POLS 150 Intro to American Government
  - HES 151 Health
  - PSYC 251 Adolescent Development
  - Third World/Non-Western culture selected from: HIST 114, HIST 115, HIST 117, LIT 205, or PHIL 155
  - MATH 112 College Algebra (This is expected to become a new requirement for all teachers in the state of Illinois within the year.)
3. **Most** four-year colleges and universities will require the following classes as secondary education major credit:
    - ED 255 Introduction to Education (20 hours observation)
    - ED 252 Educational Psychology
    - ED 267 Diversity in 21st Century Schools
  4. The **optional** courses listed below may be applicable toward a baccalaureate secondary education major either as a required or elective class. To ensure acceptance toward your major, check with the four-year institution where you are intend to transfer.
    - ED 260 Introduction to Educational Technology
    - ED 265 Introduction to Special Education (30 hours observation)
    - *Various content area courses in your major (i.e.: English classes for English majors)*
  5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
  6. Apply for graduation by the date published in the college calendar.
  7. Earn **at least 64 transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Most** transfer institutions require a higher GPA for admission (**usually a 2.75 or higher**) to the institution and/or specific majors, so check with the transfer institution for its requirements.
  8. Taking the Illinois Test of Academic Proficiency – TAP (for transfer to Illinois institutions), or the Praxis I (for most other states) is required for admission to a school of education program. Check with a advisor at the institution you plan to attend for specific details. NOTE: The state of Illinois now accepts ACT (with writing) scores. In place of TAP, the state will accept an ACT composite of 22 or higher with a writing score of 6 or higher. SAT scores of 1100+ (composite) and 26+ (writing/language) are also now accepted. It is highly suggested that students use this option.

### Career Opportunities

SWIC offers courses leading to an Associate in Arts degree, which may then transfer to a four-year institution for pursuance of a bachelor's degree in secondary education. Students completing a bachelor's degree in secondary education may be eligible for certification to teach. In some instances, career paths in coaching or becoming a curriculum specialist may also be possible. Students completing the associate degree might be able to work in certain careers such as a paraprofessional (teacher's aide) or day care, if they choose not to pursue a bachelor's degree.

# Education – Secondary Mathematics Pre-Major

Coordinator/Faculty: Caroline Adams

Dean: Richard Spencer

The Associate in Arts in Teaching Secondary Mathematics degree is intended for students interested in becoming middle school, junior high, or high school math teachers. Secondary education generally encompasses teaching grades 6-12 and usually focuses on a specific field of study (e.g.: science, math, English, or social studies), in this case the focus is math. Completion of this degree should enable students to transfer as a junior into an upper division teacher preparation program at an Illinois public university to complete a bachelor's degree (required for certification in the State of Illinois. Note: Check the Illinois state of Education website ([www.isbe.net/licensure/default.htm](http://www.isbe.net/licensure/default.htm)) regularly for updates/changes to licensure requirements.

## Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts in Teaching – Secondary Mathematics Degree Requirements Checklist** (page 71) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

## Associate in Arts in Teaching Degree (0092) – Secondary Mathematics (AAT) Pre-Major

Students who plan to earn an AAT degree and then transfer to a four-year college or university to major in secondary mathematics education should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts in Teaching degree listed on page 71 of this catalog. **General Education course preferences may vary by transfer institution.**
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:

- MATH 203, MATH 204, MATH 205, MATH 292 Analytic Geometry & Calculus I, II, & III and Linear Algebra
  - MATH 112 (required by State of Illinois)
  - PSYC 151 General Psychology
  - HES 151 Health
  - CHEM 105 or PHYS 151 (for Physical Science requirement).
3. **Most** four-year colleges and universities will require the following classes as secondary education major credit:
    - ED 255 Introduction to Education (20 hours observation)
    - ED 252 Educational Psychology
    - ED 267 Diversity in 21st Century Schools
  4. The **optional** courses listed below may be applicable toward a baccalaureate secondary education major. To ensure acceptance toward your major, check with the four-year institution where you intend to transfer.
    - ED 260 Introduction to Educational Technology
    - ED 265 Introduction to Special Education (30 hours observation)
    - Various content area courses in your major (i.e.: additional math courses as needed)
  5. Fulfill all other Associate in Arts in Teaching degree requirements listed on page 70 of this catalog.
  6. Apply for graduation by the date published in the college calendar.
  7. Turn in completed program portfolio to the Education coordinator to be evaluated/approved during last semester before graduation. See coordinator for specific requirements.
  8. Earn **at least 64 transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Most** transfer institutions require a higher GPA for admission (**usually 2.75 or higher**) to the institution and/or specific majors (check with the transfer institution for their requirements).
  9. Taking the Illinois Test of Academic Proficiency – TAP (for transfer to Illinois institutions), or the Praxis I (for most other states) is required for admission to a school of education program. Check with a advisor or at the institution you plan to attend for specific details. NOTE: The state of Illinois now accepts ACT (with writing) scores. In place of TAP, the state will accept an ACT composite of 22 or higher with a writing score of 6 or higher. SAT scores of 1100+ (composite) and 26+ (writing/language) are also now accepted. It is highly suggested that students use this option.

## Career Opportunities

SWIC offers courses leading to an Associate in Arts in Teaching Secondary Mathematics degree, which may then transfer to a four-year institution for pursuance of a bachelor's degree in secondary mathematics education. Students completing a bachelor's degree in secondary mathematics education may be eligible for certification to teach. In some instances, career paths in coaching or becoming a curriculum specialist may also be possible. Students completing the AAT degree might be able to work in certain careers such as a paraprofessional (teacher's aide) or day care, if they choose not to pursue a bachelor's degree.

# Education – Special Education Pre-Major

## Associate in Arts Degree

Coordinator/Faculty: Caroline Adams

Dean: Richard Spencer

Education is the field of knowledge that deals with the various aspects of the profession of teaching. Among other things, teaching involves making decisions about what and how to teach, engaging students in learning activities, managing learning environments, and assessing student behavior and achievement. Special Education may serve students from birth to 21 years of age, with a range of disabilities from mild to severe, in a variety of settings.

Note: Check the Illinois State of Education website ([www.isbe.net/licensure/default.htm](http://www.isbe.net/licensure/default.htm)) regularly for updates/changes to licensure requirements.

SWIC and Southern Illinois University Edwardsville have a 2+2 Agreement for Special Education majors.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Special Education Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in special education should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. **General Education course preferences may vary by transfer institution.**
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:

- MATH 105 and MATH 106 – Mathematics for Elementary Teachers I and II
  - PSYC 151 General Psychology
  - POLS 150 Intro to American Government
  - HES 151 Health
  - GEOG 152 Global Geography
  - BIOL 101 Principles of Biology I
  - HIST 180 and HIST 181 U.S. History to 1865 and U.S. History since 1865
  - ART 101 Art Appreciation **OR** MUS 101 Music Appreciation
  - Third World/Non-Western Culture selected from: HIST 114, HIST 115, HIST 117, LIT 205, or PHIL 155
  - MATH 112 – College Algebra (This is expected to become a new requirement for all teachers in the state of Illinois within the year.)
3. **Most** four-year colleges and universities require the following classes as special education major credit:
    - ED 255 Introduction to Education (20 hours observation)
    - ED 252 Educational Psychology
    - ED 265 Introduction to Special Education (30 hours observation)
    - ED 267 Diversity in 21st Century Schools
    - ED 293 – Children's Literature
  4. The **optional** courses listed below **may be** applicable toward a baccalaureate special education major. To ensure acceptance toward your major, check with the four-year institution where you intend to transfer.
    - ECE 110 Introduction to Early Childhood Education
    - ED 260 Introduction to Educational Technology
    - ART 260 Art for the Elementary Teacher
    - HES 221 Elementary School Activities
  5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
  6. Apply for graduation by the date published in the college calendar.
  7. Earn **at least 64 transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Most** transfer institutions require a higher GPA for admission (usually a **2.75 or higher**) to the institution and/or specific majors (check with the transfer institution for their requirements).
  8. Taking the Illinois Test of Academic Proficiency – TAP (for transfer to Illinois institutions), or the Praxis I (for most other states) is required for admission to a school of education program. Check with a advisor at the institution you plan to attend for specific details. NOTE: There is a five-attempt limit on TAP. (For help in preparing for education entrance tests, consider taking ED 257 – Education TAP Test Prep, a one-hour elective.) NOTE: The state of Illinois now accepts ACT (with writing) scores. In place of TAP, the state will accept an ACT composite of 22 or higher with a writing score of 6 or higher. SAT scores of 1100+ (composite) and 26+ (writing/language) are also now accepted. It is highly suggested that students use this option.

### Career Opportunities

SWIC offers courses leading to an Associate in Arts degree, which may then transfer to a four-year institution for pursuance of a bachelor's degree in special education. Students completing a bachelor's degree in special education may be eligible for certification to teach. In some instances, career paths in coaching or becoming a curriculum specialist may also be possible. Students completing the associate degree might be able to work in certain careers such as a paraprofessional (teacher's aide) or day care, if they choose not to pursue a bachelor's degree.

# English Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Steve Moiles

Faculty: Dan Cross, Kyle Donaldson, Nicole Hancock, Monica Hatch, Tami Hughes, Cynthia Hussain, Winnie Kenney, Cory Lund, Matt McCarter, Steve Moiles, Natasha Moore, Alicia Morgan, Brad Nadziejko, Michael Oliver, Jerald Ross, Lynne Schwartzhoff, Dianna Shank, Nancy Wagner, Chantay White-Williams, Treasure Williams

Dean: Richard Spencer

The discipline of English is more than just the language that we speak every day. While it is difficult to define English, the English pre-major at SWIC can best be described as a discipline that prepares students for a more advanced study of linguistics, rhetoric and composition, creative writing, literature and literary criticism, cultural studies, English education, and professional writing and communications. Courses in English are designed to help students become more sophisticated and knowledgeable critical readers of written, oral, and visual texts as well as to help students produce more sophisticated written, oral, and visual texts of their own.

SWIC and Southern Illinois University Edwardsville have 2+2 articulation agreements for English and Secondary English Language Arts majors.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – English Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in English should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - ENG 107 Creative Writing
  - ENG 207 Advanced Creative Writing
  - JOUR 101 Introduction to Journalism
  - Two years of a Foreign Language
3. **Most** four-year colleges and universities will accept the following classes as English major credit:
  - LIT 214 American Literature II
4. The **optional** courses listed below may be applicable toward a baccalaureate English major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - LIT 201 World Literature I
  - LIT 213 American Literature I
  - LIT 215 Contemporary Multicultural American Literature
  - LIT 251 British Literature I
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

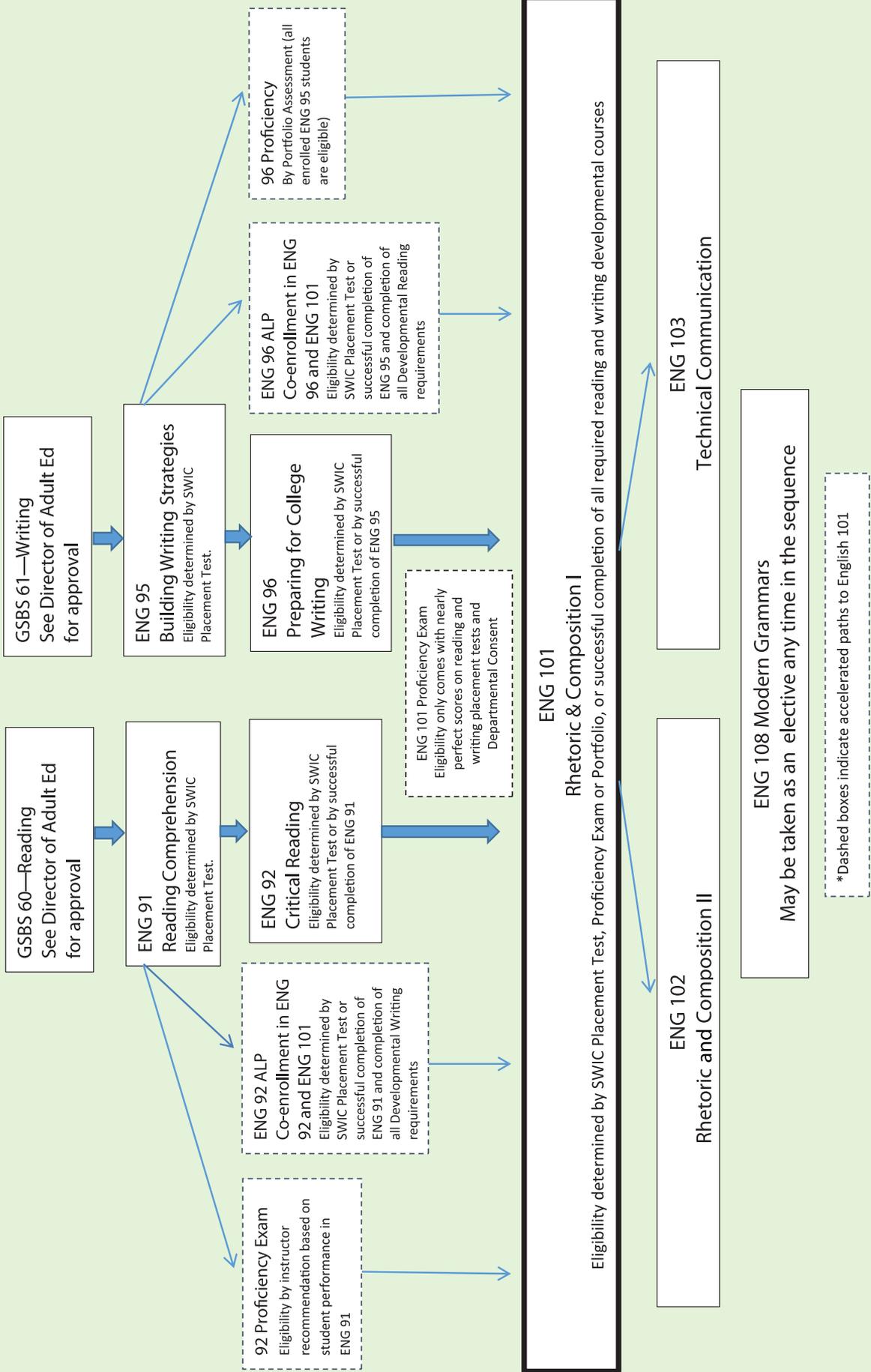
Because of the disciplines emphasis on critical thinking and reasoning and on achieving a level of sophistication and knowledge in both the reading and writing of texts, English majors are ideal candidates for the following jobs:

- Education
- Lawyer
- Educational technology
- Blogger
- Editor/writer
- Journalist/fact checker
- Technical writer
- Marketing/advertising/sales
- Non-profit/community organization

In addition, an English major/minor can be an ideal way to help prepare for graduate programs in the humanities or social sciences as well as law school.

# English Course Placement Sequence

English courses are also requisites for many courses in other subjects.



# Exercise Science Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Garry Ladd  
Faculty: Scott Wolf

Dean: Steve Holman

Exercise science is the study and application of scientific principles of human movement. As the nation addresses health issues associated with physical inactivity, employment opportunities in exercise science, fitness and wellness are expected to grow at a faster than average rate. The Exercise Science pre-major will provide students with opportunities to acquire the knowledge, skills, abilities and values that are essential for competency as a professional in the field of personal training and upper division baccalaureate study in exercise science.

SWIC and Southern Illinois University Edwardsville's Exercise Science Department have a 2+2 Agreement.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Exercise Science Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in exercise science should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - BIOL 101 Principles of Biology I
  - CHEM 101 Introductory Chemistry or CHEM 105 General Chemistry I
  - SPCH 151 Fundamentals of Public Speaking
  - PSYC 151 General Psychology
  - HES 151 Personal Health and Wellness
3. **Most** four-year colleges and universities will accept the following classes as exercise science major credit:
  - HES 170 Introduction to Exercise Science
  - HES 180 Personal Trainer Certification Prep.
  - HES 155 Physical Fitness & Wellness
  - HES 130 Physical Fitness I
  - BIOL 157 Human Anatomy & Physiology I
  - BIOL 158 Human Anatomy & Physiology II
4. The **optional** courses listed below may be applicable toward a baccalaureate exercise science major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - CHEM 103 Intro Organic & Biological Chemistry
  - HES 152 First Aid-Medical Self Help
  - HES 154 Nutrition, Exercise & Weight Management
  - HES 172 Fitness Testing and Prescription
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Career opportunities in exercise science are expected to grow faster than the average. Career opportunities exist as:

- Personal trainer
- Strength and conditioning coach
- Health and fitness specialist
- Athletic trainer
- Sports medicine specialist
- Cardiopulmonary rehabilitation specialist
- Group exercise instructor
- Exercise physiologist
- Employee fitness director

# Film Pre-Major

## Associate in Arts Degree

Coordinator/Department Chair: Steve Moiles  
Faculty: Dan Cross

Dean: Richard Spencer

The Film curriculum trains students in both film study (understanding, analyzing, and writing about film) and motion picture production (writing, shooting, and editing fictional and documentary movies). Students gain skills they can use in professional situations as well as for their own lifelong personal enjoyment.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Film Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in film should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - FILM 115 Film Appreciation
  - FILM 215 Film History
  - MCOM 201 Introduction to Mass Communication

3. **Most** four-year colleges and universities will accept the following classes as Film major credit:
  - FILM 105 Screenwriting I
  - FILM 140 Video Editing I
  - FILM 150 Moviemaking I
4. The **optional** courses listed below may be applicable toward a baccalaureate film major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - FILM 205 Screenwriting II
  - FILM 230 Sound Design
  - FILM 240 Video Editing II
  - FILM 250, 251 Moviemaking II, III
  - FILM 260, 261, 262 Documentary Moviemaking I, II, III
  - FILM 280 Digital Cinematography
  - FILM 298 Special Topics in Motion Picture Production
  - FILM 299 Special Topics in Film Study
  - ART 116 Photography I
  - POLS 289 Political Impact of American Films
  - POLS 290 Impact of Western Films on the USA
  - POLS 292 Political Impact of War Films
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites..

### Career Opportunities

A variety of careers in advertising, business, the film industry, television, and government are open to students who graduate with a bachelor's degree in film including:

- Producer
- Director
- Cinematographer
- Editor
- Production crew member
- Screenwriter
- Set/production designer
- Sound designer

# Foreign Language Pre-Major

## Associate in Arts Degree

Department Chair: Kristen Ruppert-Leach  
Faculty: Adan Salinas

Dean: Richard Spencer

The study of language is profitable whether you are majoring in the arts, sciences or business. Spanish is the second most commonly spoken language in the United States and all science majors are encouraged to learn German and/or French. Business majors will discover that the ability to speak and understand Spanish, French, German, Russian or Chinese will give them employment advantages over those who are not bilingual.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Foreign Language Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in Foreign Language should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - First semester foreign language (FREN 101, GERM 101, SPAN 101)
  - Second semester foreign language (FREN 102, GERM 102, SPAN 102)
  - Third semester foreign language (FREN 201, GERM 201, SPAN 201)
  - Fourth semester foreign language (FREN 202, GERM 202, SPAN 202)
3. **Most** four-year colleges and universities will accept the following classes as foreign language major credit:
  - SPAN 211 Conversational Spanish I (for students majoring in Spanish)
  - SPAN 212 Conversational Spanish II (for students majoring in Spanish)
4. The **optional** courses listed below may be applicable toward a baccalaureate foreign language major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - Language courses in a second foreign language
  - History courses
  - Geography courses
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in foreign language including:

- Foreign service and diplomacy
- International aid organizations
- International business and trade
- Foreign news correspondent
- Bilingual/English as a second language teacher
- Foreign student advisor
- Travel and hospitality
- Health and medical professions
- Social work
- Interpreter and translator

# Geography Pre-Major

## Associate in Arts Degree

Department Chair: Carolyn Myers  
Faculty: Jeff Arnold

Dean: Richard Spencer

Geography is the study of pattern and place on the earth's surface, that is, how the earth's surface is organized and used, and how its natural and cultural landscapes fuse into the powerful context of place. In the SWIC Geography courses, students explore the processes that give rise to geographic patterns, examine the spatial outcomes of environmental and social forces, and learn to use state-of-the-art mapping software to display and analyze the world around us.

SWIC and Southern Illinois University Edwardsville have a 2+2 Agreement for Geography majors.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Geography Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in geography should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - GEOG 151 Geography of the U.S. and Canada
  - GEOG 152 World Regional Geography
  - ES 101 Earth Science
3. **Most** four-year colleges and universities will accept the following classes as geography major credit:
  - GEOG 202 Economic Geography
  - GEOG 240 Geographic Info Systems I
4. The **optional** courses listed below may be applicable toward a baccalaureate geography major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - GEOG 241 Geographic Info Systems II
  - ES 250 Intro to Weather and Climate Meteorology
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Geography majors and minors find work in the following areas:

- Resource management
- Geographic information systems
- Urban and regional planning
- Other fields in business, education, government and industry

# Health/Physical Education Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Garry Ladd  
Faculty: Scott Wolf

Dean: Steve Holman

The Health/Physical Education pre-major is primarily designed to prepare students for careers in teaching physical education and/or health education, coaching, or recreation.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you **KNOW** where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you **DON'T KNOW** where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Health/Physical Education Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in health/physical education should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - HES 151 Personal Health and Wellness
  - SPCH 151 Fundamentals of Public Speaking
  - PSYC 151 General Psychology
  - CHEM 101 Introductory Chemistry or CHEM 105 General Chemistry I
  - BIOL 100 General Biology: Ecology, Evolution, and Genetics **OR** BIOL 101 Principles of Biology I
3. **Most** four-year colleges and universities will accept the following classes as health/physical education major credit:
  - HES 170 Introduction to Exercise Science
  - HES 155 Physical Fitness and Wellness
  - HES 130 Physical Fitness I
  - HES 152 First Aid-Medical Self Help
  - HES 158 Consumer Health
4. The **optional** courses listed below may be applicable toward a baccalaureate health/physical education major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 157 Human Anatomy & Physiology I
  - HES 154 Nutrition, Exercise, and Weight Management
  - ED 252 Educational Psychology
  - ED 255 American Public Education
  - PSYC 270 Health Psychology
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Career opportunities in health/physical education are expected to grow faster than the average. Career opportunities exist as:

- Elementary, middle, and high school teacher
- Physical education specialist
- Health educator
- Individual and team coach
- Athletic director
- Activities director
- Sporting goods sales and marketing
- Community/commercial recreation director
- Sports official/referee/umpire

# Health Science/Safety Education Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Garry Ladd

Faculty: Scott Wolf

Dean: Steve Holman

The Health Science/Safety Education major is designed to emphasize the importance of adopting healthy lifestyles through informed choice by empowering students to distinguish between behaviors that foster and those that hinder well-being. Students will be prepared primarily for careers in the public health sector.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Health Science/Safety Education Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in health science/safety education should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - HES 151 Personal Health and Wellness
  - BIOL 101 Principles of Biology I
  - CHEM 101 Introductory Chemistry
  - PSYC 151 General Psychology
3. **Most** four-year colleges and universities will accept the following classes as health science/safety education major credit:
  - HES 152 First Aid-Medical Self Help
  - HES 154 Nutrition, Exercise & Weight Management
  - HES 158 Consumer Health
4. The **optional** courses listed below may be applicable toward a baccalaureate health science/safety education major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 105 Human Biology or BIOL 157 Human Anatomy & Physiology I
  - BIOL 250 Microbiology
  - PSYC 270 Health Psychology
  - SOC 153 Introductory Sociology
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the assessment placement test and/or your fulfillment of course requisites.

### Career Opportunities

Career opportunities in health science/safety education are expected to grow faster than the average. Career opportunities exist as:

- First Aid/CPR/AED instructor
- Health behavior specialist
- Community health educator
- Environmental health specialist
- Industrial hygienist
- Occupational health and safety technician
- Health consultant
- Alcohol or drug abuse consultant

# History Pre-Major

## Associate in Arts Degree

Department Chair: Carolyn Myers

Faculty: Steve Gaumer, Kevin Monroe, Van Plexico, Ray Webb

Dean: Richard Spencer

To understand the present and prepare for the future, we must understand the past. The study of history provides a solid foundation of knowledge which equips us to better comprehend our world. The History department offers students a wide range of opportunities to study in areas as diverse as American History, European History, World History, and the History of Religion, as well as the histories of Latin America, Asia, Africa and the Middle East. An associate degree with an emphasis on history provides a basic overview of the discipline and prepares you to transfer to a four-year history program. A Bachelor of Arts degree in History prepares students for careers in business, industry, or government, as well as for continued study leading to advanced degrees, for professional careers in academia, and in various archival and research fields. A minor in history is a good choice for any of the other social sciences as well as for English, foreign language and journalism.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – History Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in history should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - HIST 101 World Civilization I
  - HIST 102 World Civilization II
  - HIST 180 U.S. History to 1865
  - HIST 181 U.S. History Since 1865
  - At least one year (101 and 102) of a foreign language
3. The **optional** courses listed below may be applicable toward a baccalaureate history major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - HIST 286 History of Religion
  - POLS 150 Intro to American Government
  - Other history classes
4. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
5. Apply for graduation by the date published in the college calendar.
6. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in history including:

- Teacher
- Archivist
- News analyst
- Journalist
- Museum curator
- Historical preservationist

# International Studies Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Carolyn Myers  
Faculty: Jeff Arnold, Steve Gaumer, Kevin Monroe, Van Plexico, Ray Webb

Dean: Richard Spencer

International Studies is an interdisciplinary pre-major focusing on developing a greater understanding of the world than that provided by a single discipline. There are two possible concentrations within International Studies: (1) an international relations concentration that puts special emphasis on global issues and the relationships between states and (2) an area studies concentration that focuses on a deeper understanding of a single area of the world.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you **KNOW** where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you **DON'T KNOW** where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – International Studies Pre-Major – International Relations Concentration

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in international relations, international studies, political science, or history should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer. This is especially true if you are pursuing a degree in international or area studies as these programs vary widely.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes for a global perspective:
  - GEOG 152 World Regional Geography
  - POLS 240 Comparative Politics
  - POLS 270 International Relations
  - Foreign language of your choice (two semesters)
3. It is **recommended** that you take the following classes:
  - Economic Perspective
    - ECON 201 Macroeconomics
    - GEOG 202 Economic Geography
  - Historical Perspective
    - HIST 232 United States at War **OR** HIST 292 US Since 1945
    - HIST 286 History of Religion
4. The **optional** courses listed below are suggested for the indicated baccalaureate majors:
  - History
    - HIST 101, 102 World Civilization I, II
    - HIST 180, 181 U.S. History
  - Political Science
    - POLS 150 Introduction to American Government
    - POLS 280 Political Theory
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree focusing on international studies:

- International business
- International risk assessment
- Foreign service/diplomacy
- International aid organizations
- Intelligence
- Journalism
- International travel

### **Associate in Arts Degree (0001) – International Studies Pre-Major – Area Studies Concentration**

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in international studies, area studies, political science, or history should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer. This is especially true if you are pursuing a degree in international or area studies as these programs vary widely.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes for a global perspective:
  - GEOG 152 World Regional Geography
  - POLS 240 Comparative Politics
  - POLS 270 International Relations
  - Foreign language of your choice (two semesters)
3. It is **recommended** that you take the following classes:
  - Cultural Perspective
    - ANTH 150 Cultural Anthropology
    - LIT 202 World Literature II **OR** LIT 205 Literature of Developing/Non-Western Countries **OR** ART 103 Survey of Non-Western Art
  - Social Perspective
    - SOC 203 Social Problems
    - One of the following HIST classes:
      - HIST 114 Latin American History
      - HIST 115 Mid East History
      - HIST 117 African History
      - HIST 118 Asian History
      - HIST 286 History of Religion
4. The **optional** courses listed below are suggested for the indicated baccalaureate majors:
  - History
    - HIST 101, 102 World Civilization I, II
    - HIST 180, 181 U.S. History
  - Political Science
    - POLS 150 Introduction to American Government
    - POLS 280 Political Theory

5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

### **Career Opportunities**

A variety of careers are open to students who graduate with a bachelor's degree focusing on international studies:

- International business
- International risk assessment
- Foreign service/diplomacy
- International aid organizations
- Intelligence
- Journalist
- International travel

# Journalism – Pre-Major

## Associate in Arts Degree

Department Chair: Steve Moiles

Dean: Richard Spencer

Journalism is the collection and periodical dissemination of current news and events or, more strictly speaking, the business of managing, editing, or writing for journals or newspapers. The application of the term “journalism” has broadened to include news reporting and commentaries on a wide variety of electronic media. Courses in the Journalism program examine the idea of news, the methods and techniques of news writing, types of journalistic stories and publications, news judgment, and ethical issues in journalism. With writing assignments that emphasize clarity and impact, some courses also apply practical research methods (including interviewing), copyediting, and the principals and techniques of electronic editing, information management, and publication design.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Journalism Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in Journalism should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - JOUR 101 Introduction to Journalism
  - JOUR 150 Introduction to Newspaper Publication
  - MCOM 201 Introduction to Mass Communication
  - MCOM 204 Broadcast Writing
3. The **optional** courses listed below may be applicable toward a baccalaureate Journalism major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - ART 116 Photography I
  - MCOM 220 Voiceover I
  - MCOM 255 Broadcast Announcing
  - POLS 150 Introduction to American Government
4. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
5. Apply for graduation by the date published in the college calendar.
6. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Because of the disciplines emphasis on critical thinking and reasoning and on achieving a level of sophistication and knowledge in both the reading and writing of texts, journalism majors are ideal candidates for the following jobs:

- Education
- Blogger
- Reporter
- Editor/writer
- Journalist/fact checker
- Technical writer
- Marketing/advertising/sales
- Communications specialist

In addition, a journalism major/minor can be an ideal way to help prepare for graduate programs in the humanities or social sciences as well as law school.

# Literature Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Steve Moiles

Faculty: Dan Cross, Kyle Donaldson, Nicole Hancock, Monica Hatch, Tami Hughes, Cynthia Hussain, Winnie Kenney, Cory Lund, Matt McCarter, Steve Moiles, Natasha Moore, Alicia Morgan, Brad Nadziejko, Michael Oliver, Jerald Ross, Lynne Schwartzhoff, Dianna Shank, Nancy Wagner, Chantay White-Williams, Treasure Williams

Dean: Richard Spencer

Literature is one of the great creative and universal means of communicating the emotional, spiritual, and intellectual concerns of humankind. Literature may instruct and inform, entertain, express personal joy or pain, or advocate a particular point of view – whether it is political, social, or aesthetic. Courses in literature are designed to help students become more sophisticated and knowledgeable critical readers of written, oral, and visual texts as well as to help students produce more sophisticated written, oral, and visual texts of their own.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001)

#### Literature Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in literature should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - LIT 213 American Literature
  - LIT 251 British Literature I
  - LIT 252 British Literature II
  - Two years of a Foreign Language
3. **Most** four-year colleges and universities will accept the following class as literature major credit:
  - LIT 214 American Literature II
4. The **optional** courses listed below may be applicable toward a baccalaureate literature major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - LIT 117 Literature by Women
  - LIT 201 World Literature I
  - LIT 205 Literature of Non-Western Culture
  - LIT 215 Contemporary Multicultural American Literature
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in literature including:

- Education
- Public relations
- Publishing
- Print and digital content development
- Technical writer
- Writer/author
- Editor
- Reporter
- Critic (drama, program)/reviewer

# Mass Communication Pre-Major

## Associate in Arts Degree

Department Chair: Kristen Ruppert-Leach  
Faculty: Thomas (Mac) Chamblin, Mary (Peggy) Oulvey,  
Julie Willis

Dean: Richard Spencer

Mass Communication is one of the most competitive of fields, yet the growth of digital technologies and the emergence of new media are providing a wide range of career opportunities for those skilled in media arts and the technologies that connect diverse audiences.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Mass Communication Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in mass communication should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - SPCH 151 Fundamentals of Public Speaking
  - MCOM 201 Introduction to Mass Communication
  - MCOM 220, 221 Voiceover
3. **Most** four-year colleges and universities will accept the following classes as mass communication major credit:
  - MCOM 230 Introduction to Radio Production
  - MCOM 240 Broadcast Writing
  - MCOM 255 Broadcast Announcing
  - MCOM 299 Special Topics in Mass Communication
  - SPCH 213 Introduction to Public Relations
4. The **optional** courses listed below may be applicable toward a baccalaureate mass communication major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - ART 240 Digital Imaging
  - ART 230 Advertising Design
  - CIS 164 Internet Essentials
  - CIS 176 Web Development I
  - CIS 257 Electronic Publishing
  - FILM 140 Video Editing I
  - JOUR 101 Introduction to Journalism
  - JOUR 110 Introduction to News Editing
  - SPCH 180 Interviewing
  - MUS 152 History of the Recording Industry
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the assessment placement test and/or your fulfillment of course requisites.

### Career Opportunities

Mass communication majors are frequently employed in areas such as:

- Animation
- Community relations
- Copywriting
- Digital audio and video production
- Education
- Internet and computer technology
- Journalism
- Media management and leadership
- Media law
- Public relations and advertising
- Social media
- Training
- Voiceover
- Web design and development

# Military Science – Army ROTC (MSC)

Dean: Richard Spencer

For information on the Army ROTC and class schedules, call 618-650-2503. Classes may be held at a SWIC campus or Southern Illinois University Edwardsville.

## Military Science

The purpose of Military Science is to develop young women and men into junior commissioned officers for positions of responsibility in the Army Reserve, Army National Guard or active Army. Those who successfully complete the Reserve Officers' Training Corps program normally earn commissions as lieutenants in the United States Army.

## Army ROTC

ROTC may be completed in several different ways as outlined below.

1. **Four-Year Option.** Military Science is traditionally offered as a four-year option. It is best to start as a freshman, but special arrangements can be made for those who start as sophomores. The first two years of Military Science are voluntary (without service obligation) and designed to give the students a perspective on their leadership ability and what the Army can offer them. Students who continue in ROTC and pursue a commission upon completion of the last two years of Military Science are provided with a subsistence allowance (up to \$2,000) and all necessary uniforms and Military Science books.
2. **Two-Year Option.** The two-year option is designed to provide greater flexibility in meeting the needs of students desiring commissions in the United States Army. SWIC students who do not participate in the four-year or community college transfer option are eligible for enrollment at Southern Illinois University Edwardsville. Basic requisites for entering the two-year option are:
  - a. Students must be accepted at Southern Illinois University Edwardsville.
  - b. Students must be in good academic standing (minimum 2.0 GPA) and pass an Army medical examination.
  - c. Students must have two academic years of study remaining (undergraduate or graduate). If students are undergraduates, they must have junior status.

Students will attend a six-week summer camp to obtain the knowledge acquired by students in the four-year option. Attendance at the basic camp does not obligate students in any way and is only intended to provide students experience with Army life and its opportunities. Students will be paid approximately \$750 for attendance at basic camp.

## ROTC Scholarships

The Army Reserve Officers' Training Corps currently has 12,000 scholarships in effect, which pay for tuition and fees, books, and provide \$100 monthly for the academic year (four-year institution only). These scholarships cover periods of four years, three years, and in some circumstances two years. SWIC sophomores should apply in January for the two-year scholarships. Special consideration for scholarships is given to students in engineering, nursing, business, and any of the physical sciences. Scholarship students normally incur a four-year active duty obligation; however, they may request reserve duty to serve with the National Guard or Army Reserve, or may initially compete for scholarships which guarantee reserve or guard duty.

In addition, Illinois State Army ROTC scholarships are available at Southern Illinois University Edwardsville. These scholarships pay for tuition on a charter basis and are renewable. Please contact the Army ROTC Military Science professor for details.

## Qualifications

All students who desire to enter the Army Reserve Officers' Training Corps must be United States citizens, be in good physical condition, and have high moral character. Students must be at least 17 years old to enroll and not over 30 when they receive their commission. Additional qualifications to be admitted into the advanced course include an academic average of C or better and passing an Army medical examination.

## Academic Preparation

The SIUE Army Reserve Officers' Training Corps academic preparation consists of two parts: (1) earning a degree in the student's chosen academic subject, and (2) completion of 18 semester credits (four-year option) or 12 semester credits (two-year option) of the Military Science curriculum. The courses in Military Science are university-level academic courses. The curriculum consists of classroom instruction and a leadership laboratory in which students receive leadership experience.

## Leadership Laboratory

Leadership Laboratory is required of all students enrolled in Military Science classes. Classes are held one hour each week unless otherwise designated. In addition, students attend one mandatory field training exercise each semester. Leadership Laboratory develops individual military skills and leadership ability through participation in drill and ceremonies, survival training, rappelling, field training exercises and exposure to progressively greater responsibilities within the Cadet Corps Organization.

## Extracurricular Activities Sponsored by Army ROTC

Army ROTC students are encouraged to participate in a wide variety of extracurricular activities designed to enhance the development of individuals' leadership skills and military knowledge. These activities include the Color Guard, Ranger Club and intramural sports. Students not enrolled in ROTC may participate in these activities with the permission of the professor of Military Science.

# Music Pre-Major

Department Chair/Faculty: Ed Jacobs  
Faculty: Adam Hucke, Andrew Jensen, Diana Umali

Dean: Richard Spencer

SWIC is the place to discover and develop your musical abilities, whether as a soloist, a member of a performing group or as a listener. Music faculty are recognized for their expertise and are active as performers, clinicians, festival directors, adjudicators and organizational leaders.

To achieve junior status as a Music major, students are required by four-year colleges and universities to have completed four semesters of Music Theory, Ensemble, and Private Applied Instruction, respectively. Music majors should also be able to demonstrate piano proficiency at the MUS 214 (fourth semester of class piano) level prior to transferring to a four-year college or university.

Students who intend to major in music and enroll in Private Applied Instruction and Music Theory should contact the department chair to arrange a music audition and theory assessment test. The audition and theory test should be completed no later than the week before classes begin and preferably much earlier. Music scholarship auditions for each academic year are held during the previous spring semester. Students are encouraged to audition for a scholarship and take the theory assessment test at that time.

## Associate in Fine Arts Degree (0050) – Music Performance

This degree program is for students who are majoring in Music Performance and planning to transfer to a four-year institution to complete a baccalaureate degree. **AFA students complete their general education requirements after they transfer to a four-year college or university.** Students who are interested in pursuing the AFA-Music Performance degree program should consult with a full-time Music faculty member or an academic advisor. Transfer requirements vary by receiving institution.

### First Year

Fall Semester	Semester Credits
MUS 105 Music Theory I*****	4
Music Performance Ensemble	1
Music Private Applied****	2
MUS 111 Class Instruction in Piano I	2
ENG 101 Rhetoric & Composition I*	3
Math Course**	4
<b>Total Semester Credits</b>	<b>16</b>

### Spring Semester

Spring Semester	Semester Credits
MUS 106 Music Theory II	4
Social <b>OR</b> Behavioral Science Course***	3
Music Performance Ensemble	1
Music Private Applied****	2
MUS 112 Class Instruction in Piano II	2
ENG 102 Rhetoric and Composition II*	3
Humanities Course***	3
<b>Total Semester Credits</b>	<b>18</b>

### Second Year

Fall Semester	Semester Credits
MUS 205 Music Theory III	4
Music Performance Ensemble	1
MUS 213 Class Instruction in Piano III	2
Music Private Applied****	2
SPCH 151 Fundamentals of Public Speaking	3
Humanities Course***	3
Life Science Course	4
<b>Total Semester Credits</b>	<b>19</b>

## Apply for Graduation Now

Spring Semester	Semester Credits
MUS 206 Music Theory IV	4
Music Performance Ensemble	1
MUS 214 Class Instruction in Piano IV*****	2
Music Private Applied****	2
Human Well-Being Elective	2
MUS 103 Music Literature	3
Physical Science Course	4
<b>Total Semester Credits</b>	<b>18</b>

\*Enrollment in ENG 101 is based on your score on the assessment placement exam. A minimum grade of C is required in ENG 101 and ENG 102.

\*\*Enrollment in any math class is based on your score on the assessment placement exam and proper requisite.

\*\*\*Minimum of one course in Human Relations is required. In addition, one Third World/Non-Western Culture course is required.

\*\*\*\*Students are advised to take their eight credits of Music Private Applied in one area or instrument. Audition and departmental permission are required. Contact the Music department chair to arrange for an audition.

\*\*\*\*\*The intent of the Illinois Articulation Initiative Music Major Panel is four semesters of Class Piano.

\*\*\*\*\*Students must complete one of two requisites before enrolling in MUS 105, Music Theory I: A grade of C or better in MUS 104 or satisfactory score on the fundamentals skills theory test. Contact Music department chair to arrange for the fundamentals test.

## Associate in Fine Arts Degree (0051) – Music Education

This degree program is for students who are majoring in Music Education and planning to transfer to a four-year institution to complete a baccalaureate degree. **AFA students complete their general education requirements after they transfer to a four-year college or university.** Students who are interested in pursuing the AFA-Music Education degree program should consult with a full-time Music faculty member or an academic advisor. Transfer requirements vary by receiving institution.

### First Year

Fall Semester	Semester Credits
MUS 105 Music Theory I*****	4
Music Performance Ensemble	1
Music Private Applied****	2
MUS 111 Class Instruction in Piano I	2
ENG 101 Rhetoric & Composition I*	3
Math Course**	4
<b>Total Semester Credits</b>	<b>16</b>

### Spring Semester

Spring Semester	Semester Credits
MUS 106 Music Theory II	4
HIST 180 U.S. History to 1865 <b>OR</b>	3
HIST 181 U.S. History, 1865 to the Present <b>OR</b>	
POLS 150 Intro to American Government	
Music Performance Ensemble	1
Music Private Applied****	2
MUS 112 Class Instruction in Piano II	2
ENG 102 Rhetoric and Composition II*	3
Humanities Course***	3
<b>Total Semester Credits</b>	<b>18</b>

## Music (continued)

### Second Year

Fall Semester	Semester Credits
MUS 205 Music Theory III	4
Music Performance Ensemble	1
MUS 213 Class Instruction in Piano III	2
Music Private Applied****	2
SPCH 151 Fundamentals of Public Speaking	3
Life Science Course	4
Humanities Course	3
<b>Total Semester Credits</b>	<b>19</b>

### Apply for Graduation Now

Spring Semester	Semester Credits
MUS 206 Music Theory IV	4
Music Performance Ensemble	1
MUS 214 Class Instruction in Piano IV *****	2
Music Private Applied****	2
HLTH 151 Health	2
MUS 103 Music Literature	3
Physical Science Course	4
<b>Total Semester Credits</b>	<b>18</b>

\*Enrollment in ENG 101 is based on your score on the assessment placement exam. A minimum grade of C is required in ENG 101 and ENG 102.

\*\*Enrollment in any math class is based on your score on the assessment placement exam and proper requisite.

\*\*\*Minimum of three-semester credit course in Third World or Non-Western Culture is required in the Humanities category (ART 103, LIT 205, PHIL 155).

\*\*\*\*Students are advised to take their eight credits of Music Private Applied in one area or instrument. Audition and departmental permission are required. Contact the Music department chair to arrange for an audition.

\*\*\*\*\*The intent of the Illinois Articulation Initiative Music Major Panel is four semesters of Class Piano.

\*\*\*\*\*Students must complete one of two requisites before enrolling in MUS 105, Music Theory I: A grade of C or better in MUS 104 or satisfactory score on the fundamental skills theory test. Contact Music department chair to arrange for the fundamentals test.

## Associate in Arts Degree (0001)

Transfer requirements vary by receiving institution.

### First Year

Fall Semester	Semester Credits
MUS 105 Music Theory I*****	4
Music Performance Ensemble	1
ENG 101 Rhetoric & Composition I*	3
Math Course**	4
Social Science Course***	3
<b>Total Semester Credits</b>	<b>15</b>
(Music Private Applied*** – strongly recommended-2)	

Spring Semester	Semester Credits
MUS 106 Music Theory II	4
Music Performance Ensemble	1
ENG 102 Rhetoric and Composition II*	3
HIST 152 European Civilization II	3
SPCH 151 Fundamentals of Public Speaking	3
Fine Arts Humanities Course	3
<b>Total Semester Credits</b>	<b>17</b>
(Music Private Applied*** – strongly recommended-2)	

### Second Year

Fall Semester	Semester Credits
MUS 103 Music Literature	3
MUS 205 Music Theory III	4
Music Performance Ensemble	1
PSYC 151 General Psychology	3
Life Science Course	4
Humanities OR Social Science Course***	3
<b>Total Semester Credits</b>	<b>18</b>
(Music Private Applied*** – strongly recommended-2)	

### Apply for Graduation Now

Spring Semester	Semester Credits
MUS 206 Music Theory IV	4
Music Performance Ensemble	1
ART 101 Art Appreciation	3
Human Well-Being Elective	2
Physical Science Course	4
General Humanities Course***	3
<b>Total Semester Credits</b>	<b>17</b>
(Music Private Applied***-strongly recommended-2)	

\*Enrollment in ENG 101 is based on your score on the assessment placement exam. A minimum grade of C is required in ENG 101 and ENG 102.

\*\*Enrollment in any math class is based on your score on the assessment placement exam and proper requisite.

\*\*\*Minimum of one course in Human Relations is required. In addition, one Third World/Non-Western Culture course is required.

\*\*\*\*\*Students must complete one of two requisites before enrolling in MUS 105, Music Theory I: A grade of C or better in MUS 104 or satisfactory score on the fundamental skills theory test. Contact Music department chair to arrange for the fundamentals test.

## Music Technology/Business Emphasis

Students who are interested in majoring in Music Technology or Music Business at a four-year college or university should consider taking some or all of the courses listed below as elective credit toward the Associate in Arts degree.

Students who are interested in pursuing an Associate in Applied Science in Music Technology or a certificate in Recording Technology should refer to the *Programs that Lead Directly to Employment* section of the catalog (blue pages).

Courses	Semester Credits
MUS 145 Recording Studio Orientation	3
MUS 150 Recording Engineer Musicianship I	3
MUS 151 Recording Engineer Musicianship II	3
MUS 152 History of the Recording Industry	3
MUS 154 Survey of Music Computer Technology	3
MUS 155 Survey of Music Computer Technology II	3
MUS 201 The Business of Music	3
MUS 250 Basic Digital Recording Techniques	3
MUS 251 Advanced Digital Recording	3
MUS 252 Critical Listening for the Engineer	3
MUS 255 Music Technology Practicum	3

## Career Opportunities

Career opportunities for the music major abound. In addition to teaching and performing, music graduates find careers in:

- Radio
- TV
- Concert management
- Publishing

# Philosophy Pre-Major

## Associate in Arts Degree

Department Chair: Mary (Peggy) Oulvey  
Faculty: Michael Oliver, Darrell Russell, Ph.D.,  
Katherine Witzig, Ph.D.

Dean: Richard Spencer

Philosophy is at the core of liberal arts education. Its study prepares students for a wide range of pursuits. The study of philosophy develops a student's ability to analyze, evaluate, and debate ideas. While a career in philosophy is confined largely to teaching, students of philosophy have gone on to become lawyers, managers, theologians, writers, artists, comedians, and talk show hosts.

Philosophy is the study of the significant questions in life. It probes into issues that range from those about who we are to those about the nature of reality, the meaning of the good life, the essence of truth, the idea of the good government, the notion of God, and the requirements of good art.

SWIC and Southern Illinois University Edwardsville have a 2+2 Agreement for Philosophy majors.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Philosophy Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in philosophy should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - PHIL 150 Introduction to Philosophy
  - PHIL 151 Introductory Logic
  - PHIL 152 Ethics
  - PHIL 155 Non-western Philosophy
3. **Many** four-year colleges and universities will accept the following classes as Philosophy major credit:
  - PHIL 170 Aesthetics
  - PHIL 156 Biomedical Ethics
  - PHIL 160 Introduction to Philosophy of Religion
4. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
5. Apply for graduation by the date published in the college calendar.
6. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in philosophy including:

- Teacher
- Lawyer
- Theologian
- Author/writer
- Researcher
- Mathematician
- Artist

# Political Science Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Carolyn Myers  
Faculty: Steve Gaumer, Kevin Monroe, Van Plexico

Dean: Richard Spencer

Political scientists study the nature of power and the role of government, both in our own nation and in the ever-shrinking global arena. Political science majors can work in business and industry as labor relations managers, public relations specialists and lobbyists, or in government as agency directors, urban planners and the like. Many utilize their talents as writers, editors or journalists, or they may serve as directors of civic or charitable organizations. Many political scientists go into law, social work and other related fields.

SWIC and McKendree University have 2+2 Articulation Agreements for International Students, Political Science, and Global Studies majors.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Political Science Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in political science should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - POLS 150 Introduction to American Government **OR** POLS 261 American Government (National)
  - POLS 270 International Relations
3. **Most** four-year colleges and universities will accept the following classes as political science major credit:
  - POLS 240 Comparative Politics
  - POLS 280 Political Theory
4. The **optional** courses listed below may be applicable toward a baccalaureate political science major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - POLS 262 American Government (state & local)
  - HIST 180 U.S. History to 1865
  - HIST 181 U.S. History, 1865 to the Present
  - Other political science classes
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in political science/pre-law including:

- Labor relations manager
- Public relations specialist
- Lobbyist
- Agency director
- Urban planner
- Writer
- Editor
- Journalist
- Civic or charitable organization director
- Social worker

# Pre-Chiropractic Pre-Major

## Associate in Arts Degree

Dean: Steve Holman

Chiropractic is a health care discipline that emphasizes the healing of the body without the use of drugs or surgery. The practice of chiropractic focuses on the relationship between the structure of the spine and function of the nervous system, and how that relationship affects the preservation and restoration of health. Doctors of chiropractic work in cooperation with other health care practitioners when in the best interest of the patient.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Pre-Chiropractic Pre-Major

Students who plan to earn an Associate in Arts degree, transfer to a four-year college or university, and then continue on to a school of chiropractic should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution and professional school where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - BIOL 101 Principles of Biology I
  - BIOL 157 Human Anatomy & Physiology I
  - BIOL 158 Human Anatomy & Physiology II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
3. **Most** chiropractic schools will accept the following courses for credit towards meeting admission requirements:
  - MATH 112 College Algebra
  - MATH 191 Introduction to Statistics
  - PHYS 151 College Physics I
  - PHYS 152 College Physics II
  - CHEM 202 Organic Chemistry II
4. The **optional** courses listed below may be applicable toward admission to chiropractic schools. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - PSYC 151 General Psychology
  - BIOL 250 Microbiology
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

# Pre-Law

Dean: Richard Spencer

The Association of American Law Schools believes that the effectiveness of pre-legal study cannot be advanced by prescribing courses of study or extracurricular activities. Instead, primary emphasis should be directed toward the development in pre-law students of basic skills and insights through education for comprehension and expression in words, for critical understanding of the human institutions and values with which law deals, and for creative power in thinking.

This is best achieved in fields of individual interests and abilities. In addition, law touches so many phases of human activity that there is scarcely a subject which is not of value to the law student and to the lawyer. A student is therefore advised to place as much emphasis on the liberal arts as his or her own program of undergraduate study will permit; and within the outlines of that program the following should also be noted:

- Pre-Law is not a major in that students cannot receive a degree in pre-law. Since virtually all law schools now require applicants to possess a bachelor's degree, students are advised to select a major in the academic area in which they would like to obtain a degree.
- The following subjects are common baccalaureate majors and minors among pre-law students: accounting, anthropology, economics, English, history, life or physical science, literature, philosophy, political science, psychology, sociology and speech communication.
- The essential ability to think precisely and exactly is most likely to be acquired through courses in logic, mathematics, the natural sciences and philosophy.
- Courses in English composition and public speaking develop the power of clear and well-ordered expression. Courses in which students receive intensive faculty critiques of their writing skills are highly recommended. Preparation in composition is essential and preparation in public speaking is of great value.
- The fields of history (particularly English and American history), economics, political science, psychology, and sociology are important to an appreciation of human institutions and values and their relation to law.
- An understanding of financial statements and of elementary accounting principles has become almost indispensable. In the changing face of the law office, knowledge of technology is imperative.
- There are opportunities in special types of practice for those who concentrate in particular fields, such as agriculture, business administration, biology, chemistry, engineering or physics, before entering law school.
- To practice law in the courts of any state, a person must be licensed, or admitted to its bar, under rules established by the state's Supreme Court. To qualify for the bar exam in most states, the applicant must complete at least three years of college and graduate from a law school approved by the American Bar Association. The Law School Admissions Test is generally required for admission to a college of law. It provides a standard measure of acquired reading comprehension and analytical, logical, and verbal reasoning skills that law schools can use as one of several factors in assessing applicants. The LSAT also requires a writing sample.

# Psychology Pre-Major

## Associate in Arts Degree

Department Chair/Faculty: Catina Williams  
Faculty: Laura Billings, Carla Bills, Barbara Hunter,  
Kathy Kufskie, Traci Sachteleben, Andrew Wheeler

Dean: Richard Spencer

The goal of the psychologist is to understand, explain, predict and control people's behavior. Those who major in psychology often go on to pursue graduate study in psychology, which leads to careers in teaching, research or counseling. For instance, many who study psychology become counselors, sometimes in educational or social welfare organizations, but also with employment agencies, industry and business, hospitals, and other organizations that employ or work with many people. Psychology as a minor is excellent for business majors, teachers, sociologists, and others whose careers revolve around their relationships with people.

SWIC and Park University have a 2+2 Articulation Agreement for Social Psychology majors.

SWIC and McKendree University have 2+2 Articulation Agreements for Psychology and Bio Psychology majors.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Psychology Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in psychology should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - PSYC 151 General Psychology
  - MATH 107 General Education Statistics
3. **Most** four-year colleges and universities will accept the following classes as psychology major credit:
  - PSYC 259 Abnormal Psychology **OR**
  - PSYC 280 Introduction to Personality Theory
  - PSYC 210 Life-Span Development, **OR**
  - PSYC 250 Child Development, **OR**
  - PSYC 251 Adolescent Development, **OR**
  - PSYC 253 Adult Development and Aging
  - PSYC 295 Social Psychology
4. The **optional** courses listed below may be applicable toward a baccalaureate psychology major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - Other psychology classes
  - SOC 153 Introductory Sociology
  - Foreign language course(s)
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Those who major in psychology can pursue a variety of careers, including:

- Academic psychologist (research and teaching at an institution of higher learning)
- Practicing clinical psychologist
- Counselor/therapist
- Industrial-organizational psychologist
- School psychologist
- Statistical consultant

Psychology as a minor is excellent for business majors, teachers, sociologists, and others whose careers revolve around their relationships with people.

# Social Work Pre-Major

## Associate in Arts Degree

Coordinator/Faculty: Susan Holbrook

Dean: Richard Spencer

Social work is a profession devoted to helping people function optimally in their environment. Social workers help people by providing direct services to individuals, families, groups and communities, and by working to change or improve social conditions. This two-year transfer program leads to an Associate in Arts degree. The recommended curriculum is designed for students pursuing a baccalaureate degree in social work. Baccalaureate degree programs in social work prepare students for careers in public and private agencies such as child welfare, mental health, corrections, shelters, and many other workplaces.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Social Work Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in social work should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - SOC 153 Introductory Sociology
  - PSYC 151 General Psychology
  - Statistics: Depending on where you plan to transfer, take either MATH 107 General Education Statistics or MATH 191 Introduction to Statistics
  - BIOL 100 Principles of Biology I
  - POLS 150 Introduction to American Government
3. **Most** four-year colleges and universities will accept the following classes as social work major credit:
  - SOC 222 Survey of Social Work
  - ECON 201 Principles of Economics (Macro)
  - PHIL 152 Ethics
  - SOC 230 Race and Ethnicity
4. The **optional** courses listed below may be applicable toward a baccalaureate social work major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 105 Human Biology
  - SOC 265 Aging and Society
  - SOC 203 Social Problems
  - ANTH 150 Cultural Anthropology
  - PSYC 259 Abnormal Psychology
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Bachelor's degree programs in social work prepare students for careers in public and private agencies such as:

- Child welfare
- Mental health
- Corrections
- Elder care
- Shelters and many other workplaces

# Sociology Pre-Major

## Associate in Arts Degree

Department Chair: Catina Williams  
Faculty: Susan Holbrook, Karen Jobe

Dean: Richard Spencer

Sociology is the study of human behavior within the context of society. It explores the impact of groups on individual behavior and how the actions of people affect society. This discipline covers everything from interactions in small groups to the structures of whole societies. Areas of focus include social change, race and ethnicity, inequality, gender, social problems, family life and crime. Understanding how society impacts behavior prepares the sociology major for a wide range of occupations dealing with people, analyzing social information and addressing social problems.

SWIC and McKendree University have 2+2 Articulation Agreements for Sociology and Social Work majors.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Sociology Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in sociology should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - SOC 153 Introductory Sociology
  - Statistics: Depending on where you plan to transfer, take either MATH 107 General Education Statistics or MATH 191 Introduction to Statistics.
3. **Most** four-year colleges and universities will accept the following classes as sociology major credit:
  - SOC 203 Social Problems
  - SOC 230 Race and Ethnicity in the United States
  - SOC 255 The Family
4. The **optional** courses listed below may be applicable toward a baccalaureate sociology major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - ANTH 150 Cultural Anthropology
  - PHIL 152 Ethics
  - PSYC 151 General Psychology
  - PSYC 295 Social Psychology
  - Other Sociology courses
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Sociology majors generally choose careers where they work with people. Their understanding of interpersonal relationships makes them candidates for a variety of careers including:

- Sociologist
- Community organizer
- Social services worker
- Community planner
- Public administrator
- Gerontologist
- Public health specialist
- Public opinion researcher
- Law enforcement
- Counselor
- Public relations specialist
- Social worker
- Criminologist
- Human resources specialist

Additionally, they may use their knowledge and skills in writing, editing, teaching and other communication fields.

# Speech Communication Pre-Major

## Associate in Arts Degree

Department Chair: Kristen Ruppert-Leach  
Faculty: Thomas (Mac) Chamblin, Mary (Peggy) Oulvey,  
Julie Willis

Dean: Richard Spencer

Speech Communication is a subject that is a benefit to everyone, no matter what field he or she plans to enter. Even the research scientist, who spends most of his or her time in a laboratory, is expected to give papers and present seminars. Others whose work is people-oriented fields will find a good background in theatre to be invaluable to success. The Speech Communication degree is applicable to a variety of career paths including but not limited to business, law and education. Speech and business as a combination may significantly enhance your chances for success in the business world.

SWIC and Southern Illinois University Edwardsville have 2+2 Articulation Agreements for Speech Pathology and Audiology majors.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Speech Communication Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in speech communication should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - SPCH 151 Fundamentals of Public Speaking
  - SPCH 155 Interpersonal Communication
3. **Most** four-year colleges and universities will accept the following classes as speech communication major credit:
  - MCOM 201 Introduction to Mass Communication
  - THEA 200 Oral Interpretation
  - THEA 256 Theatre Acting
  - SPCH 213 Introduction to Public Relations
4. The **optional** courses listed below may be applicable toward a baccalaureate speech communication major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - THEA 120 Theatre Appreciation
  - SPCH 180 Interviewing
  - PSYC 151 General Psychology
  - Other Speech Communication, Mass Communication and Theatre courses
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Speech communication majors are frequently employed in areas such as:

- Business management
- Advertising and marketing
- Broadcast media
- Public relations
- Sales
- Theatre
- Trial attorney

# Theatre Pre-Major

## Associate in Arts Degree

Department Chair: Kristen Ruppert-Leach  
Faculty: Thomas (Mac) Chamblin, Mary (Peggy) Oulvey,  
Julie Willis

Dean: Richard Spencer

Theatre is a subject that is a benefit to everyone, no matter what field he or she plans to enter. Even the research scientist, who spends most of his or her time in a laboratory, is expected to give papers and present seminars. Others who work in people-oriented fields will find a good background in theatre to be invaluable to success. Theatre majors are frequently employed in the broadcast media, and they often continue for further training in drama. Theatre and business as a combination may significantly enhance your chances for success in the business world.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Arts and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Arts with a SWIC academic advisor.
- The **Associate in Arts Degree Requirement Checklist** (page 63) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Arts Degree (0001) – Theatre Pre-Major

Students who plan to earn an Associate in Arts degree and then transfer to a four-year college or university to major in theatre should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Arts degree listed on page 63 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - SPCH 151 Fundamentals of Public Speaking
  - THEA 120 Theatre Appreciation
3. **Most** four-year colleges and universities will accept the following classes as theatre major credit:
  - THEA 161, 162, 261, 262 Theatre Acting Lab
  - MCOM 220 Voiceover: Vocal Development
  - THEA 251 Theatre Production
  - THEA 256 Theatre Acting
4. The **optional** courses listed below may be applicable toward a baccalaureate theatre major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - LIT 125 Drama as Literature
  - SPCH 200 Oral Interpretation
  - Other Speech Communication, Mass Communication and Theatre courses
5. Fulfill all other Associate in Arts degree requirements listed on page 62 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

Theatre majors are frequently employed in areas such as:

- Acting
- Stage and lighting design
- Education
- Announcing
- Producing
- Directing

PROGRAMS  
THAT LEAD TO A  
**BACHELOR'S  
DEGREE**

ASSOCIATE IN SCIENCE  
**AND**  
ASSOCIATE IN ENGINEERING SCIENCE



# Associate in Science

Program Code: 0002

## Description:

These requirements are for students who are majoring in science or mathematics and who plan to transfer to a four-year institution to complete a baccalaureate degree. The curriculum guides that follow serve as a general guide to the selection of courses toward fulfilling degree requirements specific to your intended major at a four-year college or university. Since requirements vary at colleges and universities, it is important to select your courses with the assistance of an academic advisor.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 64 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, HIST 230, LIT 117, LIT 215
- \_\_\_ Social Science: ECON 115, ECON 201, HIST 180, HIST 181, POLS 150
- \_\_\_ Behavioral Science: PSYC 295, SOC 153, SOC 203, SOC 230, SOC 255

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, MUS 110, PHIL 155
- \_\_\_ Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- \_\_\_ Behavioral Science: ANTH 150

## Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Science

## Degree Requirements Checklist

### Communications (total of 9 semesters) A minimum grade of "C" is required in ENG 101 & 102

\_\_\_\_\_ ENG 101                      \_\_\_\_\_ ENG 102                      \_\_\_\_\_ SPCH 151

### General Humanities (total of 3 semester credits)

_____ FREN 202	_____ LIT 125	_____ LIT 214	_____ PHIL 151
_____ GERM 202	_____ LIT 133	_____ <b>LIT 215</b>	_____ PHIL 152
_____ <b>HIST 230</b>	_____ LIT 134	_____ LIT 251	_____ PHIL 153
_____ <b>HIST 286</b>	_____ LIT 201	_____ LIT 252	_____ PHIL 154
_____ LIT 113	_____ LIT 202	_____ LIT 290	_____ <b>PHIL 155</b>
_____ <b>LIT 117</b>	_____ <b>LIT 205</b>	_____ LIT 291	_____ PHIL 160
_____ LIT 120	_____ LIT 213	_____ PHIL 150	_____ SPAN 202

### Humanities-Fine Arts (total of 3 semester credits)

_____ ART 101	_____ ART 104	_____ <b>ART 110</b>	_____ MUS 101
_____ ART 102	_____ ART 105	_____ FILM 115	_____ MUS 102
_____ <b>ART 103</b>	_____ ART 106	_____ FILM 215	_____ <b>MUS 110</b>
			_____ THEA 120

### Social Science (total of 3 semester credits)

_____ <b>ECON 115</b>	_____ <b>HIST 101</b>	_____ <b>HIST 118</b>	_____ POLS 240
_____ <b>ECON 201</b>	_____ <b>HIST 102</b>	_____ HIST 152	_____ POLS 261
_____ ECON 202	_____ <b>HIST 114</b>	_____ <b>HIST 180</b>	_____ POLS 262
_____ <b>GEOG 152</b>	_____ <b>HIST 115</b>	_____ <b>HIST 181</b>	_____ POLS 270
_____ <b>GEOG 202</b>	_____ <b>HIST 117</b>	_____ <b>POLS 150</b>	

### Behavioral Science (total of 3 semester credits)

_____ <b>ANTH 150</b>	_____ PSYC 151	_____ PSYC 251	_____ <b>SOC 153</b>
_____ ANTH 160	_____ PSYC 210	_____ PSYC 253	_____ <b>SOC 203</b>
_____ ANTH 250	_____ PSYC 250	_____ <b>PSYC 295</b>	_____ <b>SOC 230</b>
			_____ <b>SOC 255</b>

### Mathematics (total of 8 semester credits)

_____ MATH 113	_____ MATH 204	_____ MATH 213	_____ BUS 205
_____ MATH 191	_____ MATH 205	_____ MATH 290	
_____ MATH 203		_____ MATH 292	

### Life Science (total of 4 semester credits)

\_\_\_\_\_ BIOL 100  
 \_\_\_\_\_ BIOL 101  
 \_\_\_\_\_ BIOL 108

### Physical Science (total of 4 semester credits)

_____ ATY 101	_____ ES 180
_____ CHEM 101	_____ ES 250
_____ CHEM 105	_____ PHYS 101
_____ ES 101	_____ PHYS 151
_____ ES 102	_____ PHYS 204
_____ ES 114	

### Additional Science (Select at least 3 additional semester credits from Life Science, Physical Science, or courses listed below.)

_____ BIOL 102	_____ CHEM 106	_____ PHYS 152
_____ BIOL 106	_____ CHEM 201	_____ PHYS 205
	_____ CHEM 202	_____ PHYS 206
	_____ CHEM 253	

### Additional Math or Science (Select 4 additional semester credits from either Mathematics, Life Science, Physical Science, Additional Science, or from the following. Note: Not all are IAI General Education or IAI Major Courses.)

_____ BIOL 105	_____ BIOL 158	_____ CHEM 103	_____ MATH 171
_____ BIOL 110	_____ BIOL 204	_____ ENGR 263	_____ MATH 210
_____ BIOL 151	_____ BIOL 250	_____ MATH 170	_____ MATH 270
_____ BIOL 157	_____ BIOL 270		_____ MATH 271

### Human Well-Being (total of 2 semester credits)

Courses listed below are not included in the IAI General Education Core Curriculum.

_____ HES 130	_____ HES 151	_____ HES 154	_____ HES 156
_____ HES 131	_____ HES 152	_____ HES 155	_____ HES 158
			_____ HRO 150

**XXX** Human Relations Classes **XXX** Non-Western Culture

# Associate in Engineering Science

## Program Code: AES1

### Description:

An Associate in Engineering Science degree is an award for the satisfactory completion of a prescribed curriculum intended to transfer to baccalaureate degree programs in the area of engineering. The curriculum guides that follow serve as a general guide to the selection of courses toward fulfilling degree requirements specific to your intended major at a four-year college or university. Since requirements vary at colleges and universities, it is important to select your courses with the assistance of an academic advisor.

### Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

### Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

### Total Hours:

A minimum of 65 semester credits is required for this degree.

### Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

### GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

### English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

### SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

### Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

### Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- \_\_\_ Humanities: ART 110, HIST 230, LIT 117, LIT 215
- \_\_\_ Social Science: ECON 115, ECON 201, HIST 180, HIST 181, POLS 150
- \_\_\_ Behavioral Science: PSYC 295, SOC 153, SOC 203, SOC 230, SOC 255

### Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- \_\_\_ Humanities: ART 103, HIST 286, LIT 205, MUS 110, PHIL 155
- \_\_\_ Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- \_\_\_ Behavioral Science: ANTH 150

### Math and English Course Placement:

All degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

### College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

### Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Engineering Science

## Degree Requirements Checklist

(Required by all Engineering Specialties)

**Communications** (6 semester credits) A minimum grade of "C" is required for ENG 101 & ENG 102

\_\_\_\_\_ ENG 101 \_\_\_\_\_ ENG 102

**Mathematics** (17 semester credits)

\_\_\_\_\_ MATH 203 \_\_\_\_\_ MATH 204 \_\_\_\_\_ MATH 205 \_\_\_\_\_ MATH 290

**Physical Science** (13 semester credits)

\_\_\_\_\_ CHEM 105 \_\_\_\_\_ PHYS 204 \_\_\_\_\_ PHYS 205

**Human Well-Being** (2 semester credits) Courses listed in this section are not IAI courses.

\_\_\_\_\_ HES 130 \_\_\_\_\_ HES 131 \_\_\_\_\_ HES 151 \_\_\_\_\_ HES 152

### Select Engineering Specialty

Mechanical Engineering  
Aeronautical Engineering  
General Engineering  
Manufacturing Engineering  
Engineering Mechanics

(21 semester credits)

\_\_\_\_\_ ENGR 103  
\_\_\_\_\_ ENGR 263  
\_\_\_\_\_ ENGR 264  
\_\_\_\_\_ ENGR 271  
\_\_\_\_\_ ENGR 275  
\_\_\_\_\_ Electives-5 semester credits  
(Select from elective courses below)

### Chemical Engineering

(21 semester credits)

\_\_\_\_\_ CHEM 106  
\_\_\_\_\_ CHEM 201  
\_\_\_\_\_ CHEM 202  
\_\_\_\_\_ Electives-6 semester credits  
(Select from elective courses below)

### Computer Engineering

(21 semester credits)

\_\_\_\_\_ ENGR 103  
\_\_\_\_\_ ENGR 271  
\_\_\_\_\_ MATH 170 OR MATH 171  
\_\_\_\_\_ MATH 270 OR MATH 271  
\_\_\_\_\_ Electives-6 semester credits  
(Select from elective courses below)

### Electrical Engineering

(21 semester credits)

\_\_\_\_\_ ENGR 103  
\_\_\_\_\_ ENGR 271  
\_\_\_\_\_ MATH 170 OR MATH 171  
\_\_\_\_\_ Electives-10 semester credits  
(Select from elective courses below)

### Civil Engineering

(21 semester credits)

\_\_\_\_\_ ENGR 103  
\_\_\_\_\_ ENGR 263  
\_\_\_\_\_ ENGR 264  
\_\_\_\_\_ ENGR 275  
\_\_\_\_\_ Electives-8 semester credits  
(Select from elective courses below)

### Industrial Engineering

(21 semester credits)

\_\_\_\_\_ ECON 202  
\_\_\_\_\_ ENGR 103  
\_\_\_\_\_ ENGR 263  
\_\_\_\_\_ ENGR 264  
\_\_\_\_\_ ENGR 275  
\_\_\_\_\_ Electives-5 semester credits  
(Select from elective courses below)

**Electives:** This degree requires 11 to 16 semester credits of electives selected from the lists below. Students may not count completed credit from above. Please check with your transfer institution for suggested electives.

**Math/Engineering/Physical & Life Sciences** (0-10 semester credits)

\_\_\_\_\_ BIOL 100 \_\_\_\_\_ ENGR 264 \_\_\_\_\_ MATH 170 \_\_\_\_\_ MATH 270  
\_\_\_\_\_ BIOL 101 \_\_\_\_\_ ENGR 271 \_\_\_\_\_ MATH 171 \_\_\_\_\_ MATH 271  
\_\_\_\_\_ CHEM 106 \_\_\_\_\_ ENGR 275 \_\_\_\_\_ MATH 191 or BUS 205 \_\_\_\_\_ MATH 292  
\_\_\_\_\_ ENGR 263 \_\_\_\_\_ ES 102 \_\_\_\_\_ MATH 210 \_\_\_\_\_ PHYS 206

**Communications, Humanities and Fine Arts** (0-9 semester credits) Note: Some engineering programs require SPCH 155.

\_\_\_\_\_ ART 101 \_\_\_\_\_ **HIST 230** \_\_\_\_\_ LIT 213 \_\_\_\_\_ PHIL 151  
\_\_\_\_\_ ART 102 \_\_\_\_\_ **HIST 286** \_\_\_\_\_ LIT 214 \_\_\_\_\_ PHIL 152  
\_\_\_\_\_ **ART 103** \_\_\_\_\_ LIT 113 \_\_\_\_\_ **LIT 215** \_\_\_\_\_ PHIL 153  
\_\_\_\_\_ ART 104 \_\_\_\_\_ **LIT 117** \_\_\_\_\_ LIT 251 \_\_\_\_\_ PHIL 154  
\_\_\_\_\_ ART 105 \_\_\_\_\_ LIT 120 \_\_\_\_\_ LIT 252 \_\_\_\_\_ **PHIL 155**  
\_\_\_\_\_ ART 106 \_\_\_\_\_ LIT 125 \_\_\_\_\_ LIT 290 \_\_\_\_\_ PHIL 160  
\_\_\_\_\_ **ART 110** \_\_\_\_\_ LIT 133 \_\_\_\_\_ LIT 291 \_\_\_\_\_ SPAN 202  
\_\_\_\_\_ FILM 115 \_\_\_\_\_ LIT 134 \_\_\_\_\_ MUS 101 \_\_\_\_\_ SPCH 151  
\_\_\_\_\_ FILM 215 \_\_\_\_\_ LIT 201 \_\_\_\_\_ MUS 102 \_\_\_\_\_ SPCH 155  
\_\_\_\_\_ FREN 202 \_\_\_\_\_ LIT 202 \_\_\_\_\_ **MUS 110** \_\_\_\_\_ THEA 120  
\_\_\_\_\_ GERM 202 \_\_\_\_\_ **LIT 205** \_\_\_\_\_ PHIL 150

**Social and Behavioral Sciences** (0-9 semester credits) Note: Many engineering programs require ECON 201.

\_\_\_\_\_ **ANTH 150** \_\_\_\_\_ **HIST 101** \_\_\_\_\_ **HIST 181** \_\_\_\_\_ PSYC 250  
\_\_\_\_\_ ANTH 160 \_\_\_\_\_ **HIST 102** \_\_\_\_\_ **POLS 150** \_\_\_\_\_ PSYC 251  
\_\_\_\_\_ ANTH 250 \_\_\_\_\_ **HIST 114** \_\_\_\_\_ POLS 240 \_\_\_\_\_ PSYC 253  
\_\_\_\_\_ **ECON 115** \_\_\_\_\_ **HIST 115** \_\_\_\_\_ POLS 261 \_\_\_\_\_ **PSYC 295**  
\_\_\_\_\_ **ECON 201** \_\_\_\_\_ **HIST 117** \_\_\_\_\_ POLS 262 \_\_\_\_\_ **SOC 153**  
\_\_\_\_\_ ECON 202 \_\_\_\_\_ **HIST 118** \_\_\_\_\_ POLS 270 \_\_\_\_\_ **SOC 203**  
\_\_\_\_\_ **GEOG 152** \_\_\_\_\_ HIST 152 \_\_\_\_\_ PSYC 151 \_\_\_\_\_ **SOC 230**  
\_\_\_\_\_ **GEOG 202** \_\_\_\_\_ **HIST 180** \_\_\_\_\_ PSYC 210 \_\_\_\_\_ **SOC 255**

This degree requires successful completion of one Human Relations class and one Non-Western Culture class.

**XXX** Human Relations Classes **XXX** Non-Western Culture

# Associate in Arts in Teaching – Secondary Mathematics

Program Code: 0092

## Description:

The Associate in Arts in Teaching – Secondary Mathematics is intended for students interested in becoming high school mathematics teachers. Completion of this degree should enable students to transfer as a junior into an upper division teacher preparation program at an Illinois public university. A bachelor's degree in mathematics with secondary teaching certification is required to teach high school mathematics in Illinois.

## Admission:

Students wishing to pursue this degree may do so prior to being formally admitted to the program. However, all students must fulfill the admissions requirements, noted under the *Admissions Information* section of the catalog, prior to graduation.

## Terms:

Students have six years to complete the requirements for the program they have declared. If the requirements are not completed within six years, students will be required to meet degree requirements for the program in effect at that time. However, students not enrolled for three consecutive semesters (not including summer) must meet the curriculum requirements in effect at the time of re-enrollment. Students can always choose to complete the current curriculum degree requirements.

## Total Hours:

A minimum of 64 semester credits is required for this degree.

## Residency:

Fifteen of the last 24 credits or an accumulation of 36 credits must be completed at SWIC. Active duty U.S. armed forces and reserve service members are only required to earn 15 credits at SWIC.

## GPA:

A minimum cumulative GPA of 2.00 is required for a degree.

## English 101 Requirement:

All students pursuing transfer degrees (AA, AS, AFA, AAT, AES) are required to enroll in English 101 or (if applicable) an English 101 requisite within their first 24-30 semester credits of enrollment.

## Transfer Resources:

Please view additional transfer resources at [swic.edu/transfer](http://swic.edu/transfer).

## Graduation Requirement:

Students must pass the Illinois Basic Skills Test for pre-service teachers prior to graduation. Contact the program coordinator for more information.

## SWIC 2+2 Agreements:

SWIC has developed a number of 2+2 Agreements with four-year universities to allow for seamless transfer into specific majors. These articulations list recommended coursework to prepare SWIC graduates for entry at the junior level. Please visit [swic.edu/transfer](http://swic.edu/transfer) to learn more about 2+2 Agreements.

## Human Relations:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are listed in **white** print in the general education areas.

- Humanities: ART 110, HIST 230, LIT 117, LIT 215
- Social Science: ECON 115, ECON 201, HIST 180, HIST 181, POLS 150
- Behavioral Science: PSYC 295, SOC 153, SOC 203, SOC 230, SOC 255

## Non-Western Culture:

One of the following courses must be completed. The course that is selected may also be applied toward the Humanities or Social/Behavioral Science General Education requirement as applicable. For reference, these courses are **highlighted** in the general education areas.

- Humanities: ART 103, HIST 286, LIT 205, MUS 110, PHIL 155
- Social Science: GEOG 152, GEOG 202, HIST 101, HIST 102, HIST 114, HIST 115, HIST 117, HIST 118
- Behavioral Science: ANTH 150

## Math and English Course Placement:

All beginning degree-seeking students are required to be assessed and placed in the appropriate math and/or English classes. For more information, please refer to the *Math and English Course Placement* section in this catalog.

## College Success Strategies:

Beginning students are encouraged to enroll in ED 101 College Success Strategies. For information regarding this course, see the *Course Description Guide* at the back of the catalog.

## Apply for Graduation:

Students must submit an application to Enrollment Services. Applications can be submitted through eSTORM or through Enrollment Services. To be considered for a specific term, applications must be received by the following dates:

<u>Term</u>	<u>Application Date</u>
Fall/December	Oct. 15
Spring/May	Feb. 15
Summer/July	June 15

# Associate in Arts in Teaching – Secondary Mathematics

## Degree Requirements Checklist

### Communications (total of 9 semesters) A minimum grade of "C" is required in ENG 101 & 102

\_\_\_\_\_ ENG 101                      \_\_\_\_\_ ENG 102                      \_\_\_\_\_ SPCH 151

### General Humanities (total of 3 semester credits)

_____ FREN 202	_____ LIT 125	_____ LIT 214	_____ PHIL 151
_____ GERM 202	_____ LIT 133	_____ <b>LIT 215</b>	_____ PHIL 152
_____ <b>HIST 230</b>	_____ LIT 134	_____ LIT 251	_____ PHIL 153
_____ <b>HIST 286</b>	_____ LIT 201	_____ LIT 252	_____ PHIL 154
_____ LIT 113	_____ LIT 202	_____ LIT 290	_____ <b>PHIL 155</b>
_____ <b>LIT 117</b>	_____ <b>LIT 205</b>	_____ LIT 291	_____ PHIL 160
_____ LIT 120	_____ LIT 213	_____ PHIL 150	_____ SPAN 202

### Humanities-Fine Arts (total of 3 semester credits)

_____ ART 101	_____ ART 104	_____ <b>ART 110</b>	_____ MUS 101
_____ ART 102	_____ ART 105	_____ FILM 115	_____ MUS 102
_____ <b>ART 103</b>	_____ ART 106	_____ FILM 215	_____ <b>MUS 110</b>
			_____ THEA 120

### Additional General Humanities/Fine Arts (total of 3 semester credits)

\_\_\_\_\_ Additional course from either General Humanities or Fine Arts

### Social Science (total of 3 semester credits)

_____ <b>ECON 115</b>	_____ <b>HIST 101</b>	_____ <b>HIST 118</b>	_____ POLS 240
_____ <b>ECON 201</b>	_____ <b>HIST 102</b>	_____ HIST 152	_____ POLS 261
_____ ECON 202	_____ <b>HIST 114</b>	_____ <b>HIST 180</b>	_____ POLS 262
_____ <b>GEOG 152</b>	_____ <b>HIST 115</b>	_____ <b>HIST 181</b>	_____ POLS 270
_____ <b>GEOG 202</b>	_____ <b>HIST 117</b>	_____ <b>POLS 150</b>	

### Behavioral Science (total of 6 semester credits) **PSYC 151 is required**

_____ <b>ANTH 150</b>	_____ PSYC 151	_____ PSYC 251	_____ <b>SOC 153</b>
_____ ANTH 160	_____ PSYC 210	_____ PSYC 253	_____ <b>SOC 203</b>
_____ ANTH 250	_____ PSYC 250	_____ <b>PSYC 295</b>	_____ <b>SOC 230</b>
			_____ <b>SOC 255</b>

### Mathematics General Education (total of 5 semester credits)

\_\_\_\_\_ MATH 203

### Life Science (total of 4 semester credits)

\_\_\_\_\_ BIOL 100  
 \_\_\_\_\_ BIOL 101  
 \_\_\_\_\_ BIOL 104  
 \_\_\_\_\_ BIOL 108

### Physical Science (total of 4-5 semester credits)

_____ ATY 101	_____ ES 180
_____ CHEM 100	_____ ES 250
_____ CHEM 101	_____ PHYS 101
_____ CHEM 105	_____ PHYS 104
_____ ES 101	_____ PHYS 151
_____ ES 102	_____ PHYS 204
_____ ES 114	

### Mathematics Core Requirements (total of 12 semester credits)

\_\_\_\_\_ MATH 204                      \_\_\_\_\_ MATH 205                      \_\_\_\_\_ MATH 292

### Professional Education Core Requirements (total of 9 semester credits)

\_\_\_\_\_ ED 255                      \_\_\_\_\_ ED 260                      \_\_\_\_\_ ED 265

### Human Well-Being (total of 2 semester credits)

\_\_\_\_\_ HES 151

One additional hour of elective credit is required for this degree

# Biology Pre-Major

## Associate in Science Degree

Department Chair/Faculty: Randi Papke  
Faculty: Jessica Baack, Corinne Carey, Michael Dyer,  
Brett Egger, Mike Marlen, Cinnamon VanPutte, Bob Weck  
Dean: Steve Holman

Biology pre-majors may work toward degrees in organismal biology such as botany, microbiology or zoology; environmental degrees such as ecology, forestry or wildlife biology; professional areas such as pre-dentistry, pre-pharmacy, pre-medicine or pre-veterinary; or education degrees such as elementary, secondary or college science teaching.

SWIC and Southern Illinois University Edwardsville have 2+2 Agreements for the following majors:

- Ecology, Evolution and Environment
- Genetics and Cellular Biology
- Integrated Biology
- Medical Science

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Biology Pre-Major

Students who plan to earn an Associate in Science degree and then transfer to a four-year college or university to major in biology should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - BIOL 101 Principles of Biology I
  - BIOL 102 Principles of Biology II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
  - CHEM 202 Organic Chemistry II
  - MATH 203 Analytic Geometry & Calculus I
3. **Most** four-year colleges and universities will accept the following classes as biology major credit:
  - PHYS 151 College Physics I **OR** PHYS 204 Physics-Mechanics
  - PHYS 152 College Physics II **OR** PHYS 205 Physics-Heat, Electricity & Magnetism
  - MATH 191 Introduction to Statistics
4. The **optional** courses listed below may be applicable toward a baccalaureate biology major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 151 Fundamental Botany
  - BIOL 204 Vertebrate Zoology
  - BIOL 270 Genetics
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in biology including:

- Aquatic biologist
- Biomedical scientist
- Ecologist
- Fisheries biologist
- Forensic scientist
- Geneticist
- Infection control specialist
- Laboratory technician
- Marine biologist
- Microbiologist
- Mortician
- Physiologist
- Public health specialist
- Teacher
- Veterinarian
- Wildlife biologist

# Chemistry Pre-Major

## Associate in Science Degree

Department Chair: Joy Branlund

Faculty: Linda Dawkins, Theodore Dolter, Steve Gentemann, Mitchell Robertson

Dean: Steve Holman

Chemistry provides the basis for medicine, biomedical technology, ceramics, polymers, metallurgy, environmental and ecological sciences and many other fields. Students may pursue one of these fields or may choose a special interest in a specific area of chemistry such as analytical chemistry, biochemistry, inorganic chemistry, physical chemistry, colloid and surface chemistry, polymer chemistry or biology.

SWIC and Southern Illinois University Edwardsville have 2+2 Articulation Agreements for the following majors:

- Chemistry
- ACS Certified Chemistry
- Biochemistry
- ACS Certified Biochemistry
- Medical Science

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Chemistry Pre-Major

Students who plan to earn an Associate in Science degree and then transfer to a four-year college or university to major in chemistry should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
  - CHEM 202 Organic Chemistry II
3. **Most** four-year colleges and universities will accept the following classes as chemistry major credit:
  - MATH 203 Analytic Geometry & Calculus I
  - MATH 204 Analytic Geometry & Calculus II
  - PHYS 204 Physics – Mechanics
  - PHYS 205 Physics – Heat, Electricity & Magnetism
4. The **optional** courses listed below may be applicable toward a baccalaureate chemistry major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 101 Principles of Biology I
  - BIOL 102 Principles of Biology II
  - CHEM 253 Quantitative Analysis
  - PHYS 206 Physics – Light & Modern Physics
  - MATH 205 Analytic Geometry & Calculus III
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in chemistry including:

- Pharmacologist
- Biochemist
- Pharmacist
- Teacher
- Chemical engineer
- Toxicologist
- Quality control specialist
- Chemical technician
- Crime lab analyst
- Product tester
- Forensic chemist
- Analytical chemist
- Water purification chemist
- Pharmaceutical sales person

# Computer Science Pre-Major

## Associate in Science Degree

Department Chair: Keven Hansen  
Faculty: David Collins Jr., Christopher Farmer

Dean: Steve Holman

This two-year program is designed for students who plan to transfer to a senior institution to complete a four-year degree program with a technical/mathematical emphasis. A four-year degree in computer science prepares students to work as scientific and business application programmers, computer systems analysts, operation research analysts and numerical analysts. Career opportunities are available in industry, business, government and education.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Computer Science Pre-Major

Students who plan to earn an Associate in Science degree and then transfer to a four-year college or university to major in computer science should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - MATH 171 Computer Science I – Java
  - MATH 203 Analytic Geometry & Calculus I
  - MATH 204 Analytic Geometry & Calculus II
  - MATH 271 Computer Science II – Java
  - PHYS 204 Physics – Mechanics
  - MATH 191 Introduction to Statistics
  - MATH 292 Linear Algebra
3. The **optional** courses listed below may be applicable toward a baccalaureate computer science major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - MATH 205 Analytic Geometry & Calculus III
  - MATH 210 Computer Programming for Engineers
  - MATH 290 Differential Equations
4. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
5. Apply for graduation by the date published in the college calendar.
6. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in computer science including:

- Web master
- Database administrator
- Computer network specialist
- Computer programmer
- Computer software engineer
- Computer systems analyst
- Information systems manager
- Teacher/professor
- Internet/intranet programmer

# Earth Science Pre-Major

## Associate in Science Degree

Department Chair/Faculty: Joy Branlund  
Faculty: Stanley Hatfield

Dean: Steve Holman

Earth Science is the general name for all the sciences that seek to understand the earth and its neighbors in space. Geology, which literally means the study of the earth, examines the origin and development of the solid Earth, as well as the processes that operate beneath and upon its surface. Meteorology involves the study of our atmosphere, while oceanography deals with the dynamics of the oceans. The study of the earth is not confined to investigating the interactions and interrelationships on our planet alone, but also attempts to relate the earth to the larger universe using the science of astronomy.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Earth Science Pre-Major

Students who plan to earn an Associate in Science degree and then transfer to a four-year college or university to major in geology, astronomy, meteorology or oceanography should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - ES 101 Earth Science
  - ES 102 Physical Geology (Geology major)
  - ES 180 Historical Geology (Geology major)
  - ATY 101 Astronomy (Astronomy major)
  - ES 250 Introduction to Meteorology (meteorology major)
3. **Most** four-year colleges and universities will accept the following classes as major credit towards a degree in geology, astronomy, meteorology or oceanography:
  - MATH 203 Analytic Geometry & Calculus I
  - MATH 204 Analytic Geometry & Calculus II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
4. The **optional** courses listed below may be applicable toward a baccalaureate degree in geology, astronomy, meteorology or oceanography. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - PHYS 151 College Physics I (Geology or Oceanography major)
  - PHYS 152 College Physics II (Geology or Oceanography major)
  - PHYS 204 Physics – Mechanics (Astronomy or Meteorology major)
  - PHYS 205 Physics – Heat, Electricity & Magnetism (Astronomy or Meteorology major)
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in geology, astronomy, meteorology or oceanography including:

- Geologist
- Oceanographer
- Mining engineer
- Agronomist
- Teacher
- Tectonics
- Economic geologist
- Paleontologist
- Park naturalist
- Hydrologist
- Solar energy engineer
- Seismologist
- Agricultural scientist
- Environmental engineer
- Soil scientist
- Forest ranger
- Volcanologist

# Engineering Pre-Major

## Associate in Engineering Science Degree

Department Chair: Joy Branlund

Faculty: David Collins Jr., Linda Dawkins, Lee Brendel, Theodore Dolter, Steve Gentemann, Tim Grant, Keven Hansen, Mitchell Robertson, Carmen Shepard, Jennifer Simonton

Dean: Steve Holman

This degree program is for students who are majoring in Engineering and planning to transfer to a four-year college or university to complete a baccalaureate degree. AES students complete their general education requirements after they transfer. Students who are interested in pursuing the AES degree should consult with an academic advisor and the transfer institution.

Note that different engineering specialties require a unique set of courses.

SWIC and Southern Illinois University Edwardsville's College of Engineering have 2+2 Agreements for the following majors:

- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Engineering Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Engineering Science with a SWIC academic advisor.
- The **Associate in Engineering Science Degree Requirement Checklist** (page 115) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Engineering Science Degree (AES1) – Engineering Pre-Major

Students who plan to earn an Associate in Engineering Science degree and then transfer to a four-year college or university to major in engineering should follow the steps listed below.

**It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Engineering Science degree listed on page 115 of this catalog. General Education course **preferences** may vary by transfer institution.

## Engineering Pre-Major (continued)

2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - CHEM 105 General Chemistry I
  - ENGR 103 Engineering Graphics
  - ENGR 263 Analytical Mechanics – Statics
  - ENGR 264 Analytical Mechanics – Dynamics
  - MATH 203 Analytic Geometry & Calculus I
  - MATH 204 Analytic Geometry & Calculus II
  - MATH 205 Analytic Geometry & Calculus III
  - MATH 210 Computer Programming for Engineers OR MATH 170 Computer Science I – C++  
**OR** MATH 171 Computer Science I – Java
  - MATH 290 Differential Equations
  - PHYS 204 Physics – Mechanics
  - PHYS 205 Physics – Heat, Electricity & Magnetism
3. **Most** four-year colleges and universities will accept the following classes for credit toward an engineering major:
  - CHEM 106 General Chemistry II
  - ENGR 271 Electrical Circuits
  - ENGR 275 Mechanics of Solids
  - PHYS 206 Physics – Light & Modern Physics
4. The **optional** courses are listed on the Associate in Engineering Science Degree Requirement Checklist (page 115) and should be chosen by specialty.

**Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.**

To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.

5. Fulfill all other Associate in Engineering Science degree requirements listed on page 114 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 65 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

## Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in engineering including:

- Aerospace engineer
- Agricultural engineer
- Automotive engineer
- Biomedical engineer
- Chemical engineer
- Electrical/electronics engineer
- Industrial designer
- Materials engineer
- Mechanical engineer
- Metallurgical engineer
- Mining engineer
- Nuclear engineer
- Petroleum engineer

# Mathematics Pre-Major

## Associate in Science Degree

Department Chair/Faculty: Keven Hansen  
Faculty: Robin Anderson, Lee Brendel, David Collins Jr., Trent Crews, Christopher Farmer, Timothy Grant, Jaime Manche, Michael McClure II, Julie Muniz, Connie Park, Joyce Ray, Melissa Rossi, Jennifer Simonton, Rajeev Talkad, Robert Wachtel, Kirsten Webb

Dean: Steve Holman

As society has become more technical, many professions are requiring additional mathematical skills. Some of the fastest growing and highest paying fields require individuals with sophisticated mathematical competence, as well as other communication skills. A bachelor's degree in mathematics is a highly marketable degree in a wide variety of professions.

SWIC and the Southern Illinois University Edwardsville Mathematics Department have 2+2 Agreements for the following majors:

- Actuarial Science
- Applied Mathematics
- Pure Mathematics
- Statistics

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Mathematics Pre-Major

Students who plan to earn an Associate in Science degree and then transfer to a four-year college or university to major in mathematics should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - MATH 203 Analytic Geometry & Calculus I
  - MATH 204 Analytic Geometry & Calculus II
  - MATH 205 Analytic Geometry & Calculus III
  - MATH 290 Differential Equations
  - MATH 292 Linear Algebra
3. The **optional** courses listed below may be applicable toward a baccalaureate mathematics major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - PHYS 204 Physics – Mechanics
  - PHYS 205 Physics – Heat, Electricity & Magnetism
  - MATH 210 Computer Programming for Engineers
  - MATH 170 Computer Science I – C++
  - MATH 171 Computer Science I – Java
4. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
5. Apply for graduation by the date published in the college calendar.
6. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in math including:

- Statistician
- Actuary
- Operations research analyst
- Engineer (civil, electrical, mechanical, etc.)
- Teacher
- Financial analyst
- Systems consultant
- Research data analyst

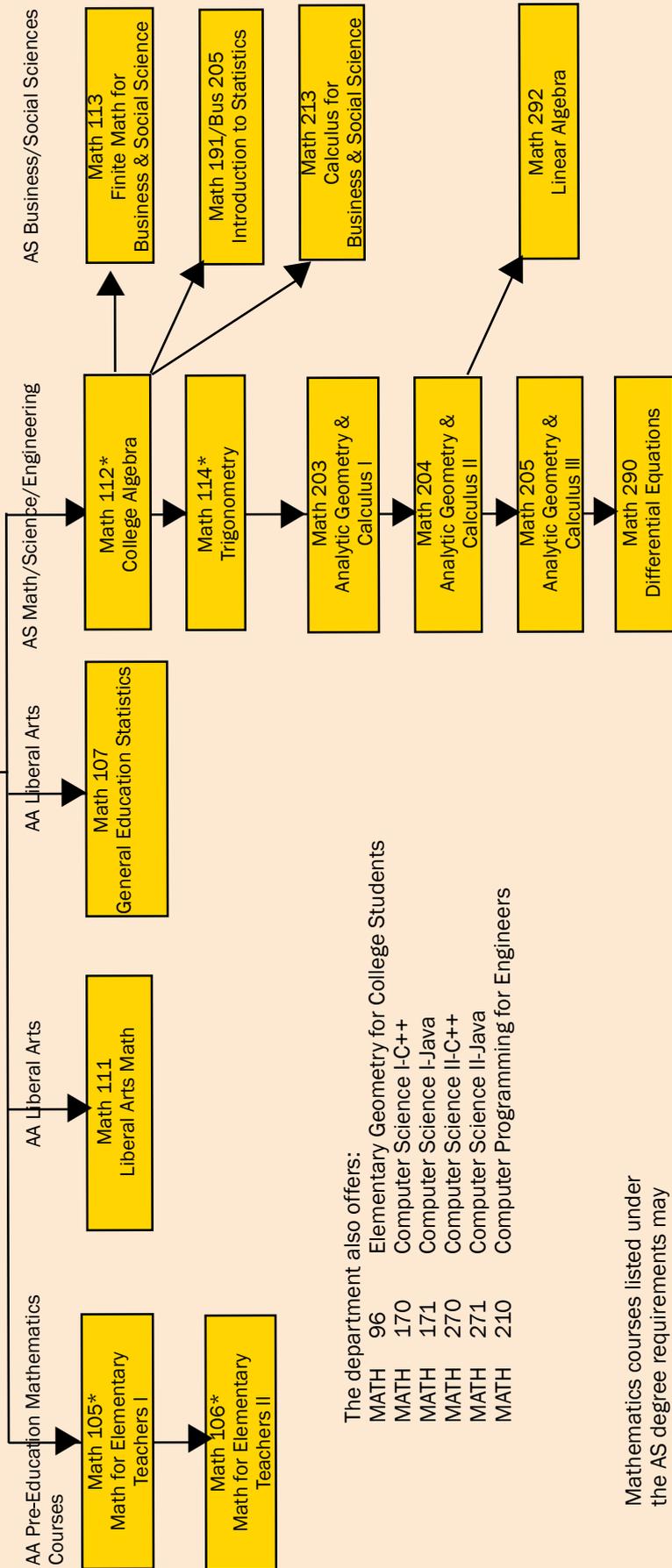
# Math Sequence

## Implementation

Placement into mathematics courses is based on score on the SWIC Placement Exam, ACT/SAT math subscore, or prior college coursework.

- Level 1 Math 93
- Level 2 Math 94
- Level 3 Math 97
- Level 4 Math 105, Math 107, Math 111, Math 112
- Level 5 Math 113, Math 114, Math 191, Math 213
- Level 6 Math 203

\*Geometry is also a requisite for these courses. This requirement may be met with completion of Math 96 with a C or better, successful completion of one year of high school geometry at a regionally accredited school, or by proficiency test with the math department chair.



The department also offers:

- MATH 96 Elementary Geometry for College Students
- MATH 170 Computer Science I-C++
- MATH 171 Computer Science I-Java
- MATH 270 Computer Science II-C++
- MATH 271 Computer Science II-Java
- MATH 210 Computer Programming for Engineers

Mathematics courses listed under the AS degree requirements may be used toward the AA degree mathematics requirements.

**To enroll in any of the above mathematics classes you must complete or place out of all the courses listed prior to it in the sequence.**

# Physics Pre-Major

## Associate in Science Degree

Department Chair: Joy Branlund  
Faculty: Mitchell Robertson, Carmen Shepard

Dean: Steve Holman

Physics seeks to understand the very basic concepts of force, energy, mass and charge. It is a broad and deep subject split into theoretical and experimental branches. Theoretical physics deals with the inquiry and formulation of new theories while experimental physics tests and analyzes these or previously existing theories. Physics relies extensively on sophisticated mathematics to provide its framework of study. A degree in physics can lead to careers from engineering to space research. Nuclear power, lasers and solid-state electronics are examples of technological advances that have come about through the study of physics.

### Important Transfer Information

Read the Course Description Guide (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Physics Pre-Major

Students who plan to earn an Associate in Science degree and then transfer to a four-year college or university to major in physics should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - PHYS 204 Physics – Mechanics
  - PHYS 205 Physics – Heat, Electricity & Magnetism
  - PHYS 206 Physics – Light & Modern Physics
  - MATH 203 Analytic Geometry & Calculus I
  - MATH 204 Analytic Geometry & Calculus II
  - MATH 205 Analytic Geometry & Calculus III
  - MATH 290 Differential Equations
3. The **optional** courses listed below may be applicable toward a baccalaureate physics major. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - MATH 292 Linear Algebra
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
4. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
5. Apply for graduation by the date published in the college calendar.
6. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

### Career Opportunities

A variety of careers are open to students who graduate with a bachelor's degree in physics including:

- Nuclear engineer
- Atomic physicist
- Medical physicist
- Aerospace engineer
- Civil engineer
- Geologist
- Architect
- Audio engineer
- Electrical engineer
- Teacher

# Pre-Dentistry Pre-Major

## Associate in Science Degree

Dean: Steve Holman

Dentists focus on maintaining oral health through such preventive and repair practices as extracting, filling, cleaning or replacing teeth; performing corrective work, such as straightening teeth; treating diseased tissue of the gums; performing surgical operations on the jaw or mouth; and making and fitting false teeth. To be a dentist, one must attend dental school after graduating from college. Most dental schools require applicants to pass the DAT, or Dental Admissions Test, which tests a student's ability to succeed in dental school.

Individuals interested in pursuing dentistry as a career should also note the importance of manual dexterity and scientific ability. Skilled, steady hands are necessary, as well as good space and shape judgment and artistic and creative ability. Good vision is required because of the detailed work. Individuals should also possess a love of learning since advances in dental research require dentists to continue their education throughout their careers.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Pre-Dentistry Pre-Major

Students who plan to earn an Associate in Science degree, transfer to a four-year college or university, and then continue on to a school of dentistry should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - BIOL 101 Principles of Biology I
  - BIOL 102 Principles of Biology II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
  - CHEM 202 Organic Chemistry II
3. **Most** dental schools will accept the following courses for credit towards meeting admission requirements:
  - MATH 191 Introduction to Statistics
  - PHYS 151 College Physics I
  - PHYS 152 College Physics II
4. The **optional** courses listed below may be applicable toward admission to dental school. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - PSYC 151 General Psychology
  - BIOL 270 Genetics
  - MATH 203 Analytic Geometry & Calculus I
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

# Pre-Medicine Pre-Major

## Associate in Science Degree

Dean: Steve Holman

A physician's responsibilities cover a wide range of functions in health maintenance, including both acute care and preventive care approaches involving substantial patient education. These responsibilities include diagnosing disease, supervising the care of patients, and prescribing and implementing treatment.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Pre-Medicine Pre-Major

Students who plan to earn an Associate in Science degree, transfer to a four-year college or university, and then continue on to a school of medicine should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - BIOL 101 Principles of Biology I
  - BIOL 102 Principles of Biology II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
  - CHEM 202 Organic Chemistry II
3. **Most** medical schools will accept the following courses for credit towards meeting admission requirements:
  - MATH 191 Introduction to Statistics
  - PHYS 151 College Physics I
  - PHYS 152 College Physics II
4. The **optional** courses listed below may be applicable toward admission to medical schools. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - PSYC 151 General Psychology
  - BIOL 270 Genetics
  - MATH 203 Analytic Geometry & Calculus I
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

# Pre-Pharmacy Pre-Major

## Associate in Science Degree

Dean: Steve Holman

Pharmacists distribute prescription drugs to individuals and advise patients and physicians on the selection, dosages, interactions and side effects of medications. Pharmacists monitor the health of patients to ensure the safe and effective use of medication. They also advise patients about general health topics such as diet, exercise and stress management. They could be involved in research for pharmaceutical manufacturers, developing new drugs and testing their side effects, or they could work in marketing, sales, or carrying out cost-benefit analysis on certain drugs. Other pharmacists work for the government or public health care services.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Pre-Pharmacy Pre-Major

Students who plan to earn an Associate in Science degree, transfer to a four-year college or university, and then continue on to a school of pharmacy should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution and professional school where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - BIOL 101 Principles of Biology I
  - BIOL 102 Principles of Biology II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
  - CHEM 202 Organic Chemistry II
3. **Most** pharmacy schools will accept the following courses for credit towards meeting admission requirements:
  - PHYS 151 College Physics I
  - PHYS 152 College Physics II
  - BIOL 157 Human Anatomy & Physiology I
  - BIOL 158 Human Anatomy & Physiology II
  - MATH 203 Analytic Geometry & Calculus I
4. The **optional** courses listed below may be applicable toward admission to pharmacy schools. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - ECON 201 Principles of Economics I (Macro) or other ECON class
  - BIOL 151 Fundamental Botany
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.

# Pre-Veterinary Medicine Pre-Major

## Associate in Science Degree

Dean: Steve Holman

A veterinarian's responsibilities cover a wide range of functions in animal health maintenance, including both acute care and preventive care approaches. These responsibilities include diagnosing disease, supervising the care of animals, and prescribing and implementing treatment.

### Important Transfer Information

Read the *Course Description Guide* (yellow section of the catalog) for more information on course content and requisites, which may be necessary for some courses.

#### If you KNOW where you are transferring:

- Transfer requirements vary by receiving institution.
- Plan your Associate in Science and transfer requirements with a SWIC academic advisor and use the transfer guide of the four-year institution you plan to attend.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

#### If you DON'T KNOW where you are transferring:

- Plan your Associate in Science with a SWIC academic advisor.
- The **Associate in Science Degree Requirement Checklist** (page 113) may be used as a GENERAL GUIDE; transfer requirements vary by receiving institution.
- Refer to *Recommended Steps and Timeline to Transfer to Four-Year Institutions* on page 38.

Please view additional transfer resources at [swic.edu/transfer/](http://swic.edu/transfer/).

### Associate in Science Degree (0002) – Pre-Veterinary Medicine Pre-Major

Students who plan to earn an Associate in Science degree, transfer to a four-year college or university, and then continue on to a school of veterinary medicine should follow the steps listed below. **It is strongly recommended that you confer with a SWIC academic advisor prior to enrolling each semester and familiarize yourself with the specific requirements of the four-year institution where you plan to transfer.**

1. Fulfill the General Education and other institutional requirements for the Associate in Science degree listed on page 113 of this catalog. General Education course **preferences** may vary by transfer institution.
2. As you fulfill your degree requirements, it is **strongly recommended** that you take the following classes:
  - AGRI 111 Animal Science
  - BIOL 101 Principles of Biology I
  - BIOL 102 Principles of Biology II
  - CHEM 105 General Chemistry I
  - CHEM 106 General Chemistry II
  - CHEM 201 Organic Chemistry I
  - CHEM 202 Organic Chemistry II
3. **Most** veterinary schools will accept the following classes for credit towards meeting admission requirements
  - MATH 191 Introduction to Statistics
  - PHYS 151 College Physics I
  - PHYS 152 College Physics II
4. The **optional** courses listed below may be applicable toward admission to veterinary schools. **Please keep in mind that most transfer institutions limit the number of semester credits taken within a student's major field of study at the community college level.** To ensure the acceptance of such courses toward your intended major, check with the four-year institution where you are transferring or a SWIC academic advisor regarding their applicability.
  - BIOL 204 Vertebrate Zoology
  - BIOL 270 Genetics
  - MATH 203 Analytic Geometry & Calculus I
5. Fulfill all other Associate in Science degree requirements listed on page 112 of this catalog.
6. Apply for graduation by the date published in the college calendar.
7. Earn at least 64 **transferable** credits with a minimum cumulative grade point average of 2.00 to graduate from SWIC. **Many** transfer institutions require a higher GPA for admission to the institution and/or specific majors.

Note: Enrollment in many transfer classes is based on your score on the SWIC Placement Test and/or your fulfillment of course requisites.