

# Spokane Community College and Spokane Falls Community College

## ASSOCIATE IN MATHEMATICS EDUCATION

### DIRECT TRANSFER AGREEMENT (DTA) DEGREE REQUIREMENTS

The Associate in Mathematics Education (DTA) degree is an articulated transfer degree agreement for future secondary mathematics teachers between the community colleges and most four-year institutions within the state of Washington. This degree shall only be granted to students who have earned a cumulative grade point average of at least 2.0. Students will enter the four-year institution at junior standing. Admission to Washington four-year institutions' schools of education is not guaranteed to students holding an Associate in Mathematics Education DTA degree. **It is highly recommended that students meet with a counselor or academic adviser** at Spokane Community College, Spokane Falls Community College or the Institute for Extended Learning on a regular basis to be sure that requirements specified in this degree are met. Students should also seek academic advising at the four-year institution to which they plan to transfer early in their educational planning to learn about additional requirements and procedures for admission. To earn this degree, students must complete a minimum of 90–92 credits in courses numbered 100 or above and meet specific distribution requirements. Courses must be chosen from the following specified distribution areas: communication –15 credits, quantitative reasoning –25 credits, humanities –15 credits, social sciences –15 credits, science –10 credits, health-related and physical education/recreational and leisure activities –5 credits, additional required courses –5–7 credits. **At least 5 credits must be W-designated (writing-intensive).** **At least 5 credits must be D-designated (global/diversity).** At least 30 credits must be earned from Spokane Community College or Spokane Falls Community College. At SFCC, all prior college-level and grade points are transferred for calculating total credits and GPA.

## DISTRIBUTION Credits for a specific course may be used in only one distribution area requirement.

## 2009-2010

### COMMUNICATION 15 credits

Courses from this area do not satisfy the writing-intensive requirement.

CMST& 101  
ENGL& 101, 102

### INTERMEDIATE ALGEBRA AND QUANTITATIVE REASONING 25 credits

Both A and B must be satisfied.

A. Intermediate Algebra proficiency may be demonstrated: 1) by obtaining appropriate scores on the intermediate algebra placement exam; or 2) by completing and passing an intermediate algebra course in college (MATH 097, 098, or 099) with a grade of 2.0 or better. Intermediate Algebra Proficiency does not count toward credits required for this degree.

B. **Quantitative Reasoning (25cr)**  
MATH 220, MATH& 151, 152, 153, 254

### HUMANITIES 15 credits

A total of 15 credits required in **three** subject areas. Courses must be selected from Groups A, B, or C with no more than two from any one group. No more than 5 credits in a foreign language or ASL.

**GROUP A: Literature and Language**

CMST 227  
ENGL 208, 209, 241, 247, 248, 249, 251, 259, 261, 271, 272, 278; ENGL& 111, 112, 113, 114, 220<sup>1</sup>  
Foreign Language **OR** ASL– 5 credits only  
JOURN 110

**GROUP B: Aesthetic Experience**

ART 108, 109, 110, 112; ART& 100<sup>1</sup>  
DRMA& 101<sup>1</sup>  
HUM 141, 221, 222, 223, 224, 225, 236  
MUSC 108, 109, 124, 191, 235, 236, 237;  
MUSC& 105, 141, 142, 143, 241, 242, 243<sup>1</sup>

**GROUP C: Philosophy and the Humanities**

HUM 107, 201; HUM& 101  
PHIL 210, 215, 220, 231; PHIL& 101, 106<sup>1</sup>

### SOCIAL SCIENCES 15 credits

Select PSYC& 100 from Group A, one from Group B, and a third from either Group A or B.

**GROUP A: Human Behavior**

ANTH& 100, 206, 210<sup>1</sup>  
GEOG 101, 230, 260  
PSYC& 100 (required)  
SOC 204, 211, 221, 230, 261; SOC& 101, 201  
WS 201

**GROUP B: Human Enterprise**

ECON 100; ECON& 201, 202  
HIST 141, 142, 222, 230, 240; HIST& 116, 117, 118, 136, 137, 214, 219  
POLS 102, 125, 201, 204, 205; POLS& 101, 202, 203<sup>1</sup>

### SCIENCE 10 credits

Complete 10cr from Group A or B to include a minimum of one lab science. In any group no more than one course per subject area.

**GROUP A: Science**

Life Sciences  
(Laboratory courses)  
BIOL 100, 110, 115; BIOL& 160  
BOT 111, 112, 113  
ENVS& 101  
ZOO 121, 122  
(Nonlaboratory courses)  
NUTRI 251  
OCEA& 101  
Physical Sciences  
(Laboratory courses)  
CHEM 101, 104, 115; CHEM& 110, 121, 122, 123, 140, 161, 162, 163, 241/251, 242/252, 243/253  
GEOL 201, 210; GEOL& 101  
PHYS 100, 101, 102, 103, 105, 108, 200, 201, 202, 203  
(Nonlaboratory courses)  
ASTR& 100, 101  
ENVS 104, 110, 207, 210, 211  
GEOL 116 (5cr only); GEOL& 100  
PALEO 103

**GROUP B: Science**

(Laboratory courses)  
BIOL& 241, 242, 260

### HEALTH-RELATED/PE/ RECREATIONAL/LEISURE ACTIVITIES COURSES 5 credits

A minimum of 5 credits and two courses from the following groups. One course must be from Group A and one course from Group B.

**GROUP A:** Minimum of **one** course from:

ART 122  
HLTH 101, 104, 174  
PE 170

**GROUP B:** Minimum of **one** course from:

AQUAT 101, 110, 115, 132, 136, 224, 230, 232  
ART 101, 102, 103, 104, 105, 106, 127, 151, 180, 186, 188, 189, 197, 205  
CMST 223, 224, 225  
DRMA 106, 107, 108  
MUSC 115, 127, 139, 145, 148, 151, 170, 171, 176, 177, 178, 182, 215, 227, 239, 245, 248, 251, 276, 277, 278, 282  
PE 100, 101, 102, 105, 106, 107, 108, 112, 114, 115, 116, 117, 118, 120, 122, 126, 127, 130, 135, 139, 140, 141, 143, 144, 145, 146, 147, 149, 151, 154, 156, 157, 158, 159, 160, 164, 165, 169, 177, 182, 185, 186, 187, 188, 200, 201, 202, 205, 206, 207, 208, 212, 214, 215, 216, 217, 218, 220, 222, 226, 227, 230, 235, 239, 240, 241, 243, 244, 245, 246, 247, 249, 251, 254, 256, 257, 258, 259, 260, 264, 265, 269, 277, 282, 285, 286, 287, 288  
PHOTO 101

### REQUIRED EDUCATION COURSES 5-7 credits

EDUC 267/ EDUC& 202 (SCC)  
**OR** EDUC& 205 (SFCC)

<sup>1</sup> Recommended subject areas

**NOTE:** Some institutions have requirements for admission to the major that go beyond those specified above. Students can meet these requirements by careful selection of additional elective courses. Students should work with a counselor or academic adviser for further guidance specific to their goals.

**NOTICE:** Due to the specialized nature of many of the listed courses, students should consult a counselor or academic adviser and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

**DISCLAIMER:** During the period this guide is in circulation, there may be curriculum revisions and program changes. Students are responsible for consulting the appropriate academic unit or adviser for more current and specific information. The information in this guide is subject to change and does not constitute an agreement between the college and the student.

# ASSOCIATE IN MATHEMATICS EDUCATION DIRECT TRANSFER AGREEMENT (DTA) WORKSHEET 2009-2010

A total of 90-92 credits is required. **At least 5 credits must be W–designated (writing–intensive).** **At least 5 credits must be D–designated (global/diversity).** See reverse side for the complete statement of degree requirements and listing of available courses.

## I. COMMUNICATION – 15 credits

Course	Date	Cr
CMST& 101		
ENGL& 101		
ENGL& 102		
<b>COMMUNICATION TOTAL</b>		

## II. INTERMEDIATE ALGEBRA AND QUANTITATIVE REASONING – 25 credits

Course	Date	Cr
Inter. Algebra proficiency (required) <input type="checkbox"/> Yes <input type="checkbox"/> No How completed:		
MATH& 151 (required)		
MATH& 152 (required)		
MATH& 153 (required)		
MATH 220 (SFCC) (required)		
MATH& 254 (SFCC) (required)		
<b>QUANTITATIVE REASONING TOTAL</b>		

## III. HUMANITIES – 15 credits

A total of 15 credits required in **three** subject areas. Courses must be selected from Groups A, B, or C with no more than two from any one group. No more than 5 credits in a foreign language or ASL.

### GROUP A: Literature and Language

Course	Date	Cr
CMST 227		
English <sup>1</sup> (literature)		
Foreign Language <b>OR</b> ASL		
JOURN 110		

### GROUP B: Aesthetic Experience

Course	Date	Cr
Art <sup>1</sup>		
DRMA& 101 <sup>1</sup>		
Humanities (film)		
Music <sup>1</sup>		

### GROUP C: Philosophy and the Humanities

Course	Date	Cr
HUM 107, 201; HUM& 101		
Philosophy <sup>1</sup>		
<b>HUMANITIES TOTAL</b>		

## IV. SOCIAL SCIENCES – 15 credits

A total of 15 credits required in **three** subject areas—select PSYC& 100 from Group A, one from Group B, and a third from either A or B in a different subject area from the previous two—e.g., Psychology, Economics, History.

### GROUP A: Human Behavior

Course	Date	Cr
Anthropology <sup>1</sup>		
GEOG 101, 230, 260		
PSYC& 100 (required)		
Sociology		
Women's Studies (WS 201)		

### GROUP B: Human Enterprise

Course	Date	Cr
ECON <sup>1</sup> 100; ECON& 201, 202		
History		
Political Science <sup>1</sup>		
<b>SOCIAL SCIENCES TOTAL</b>		

## V. SCIENCE – 10 credits

Complete at least 10cr from Group A or B to include a minimum of one lab science. In any group no more than one course per subject area.

### GROUP A: Science

Course	Date	Cr
<b>LIFE SCIENCES</b>		
(Laboratory courses)		
BIOL 100, 110, 115; BIOL& 160		
BOT 111, 112, 113		
ENVS& 101		
ZOOL 121, 122		
(Nonlaboratory course)		
NUTRI 251		
OCEA& 101		
<b>PHYSICAL SCIENCES</b>		
(Laboratory courses)		
Chemistry		
Geology		
Physics		
(Nonlaboratory courses)		
ASTR& 100, 101		
ENVS 104, 110, 207, 210, 211		
GEOL 116; GEOL& 100		
PALEO 103		

### GROUP B: Science

Course	Date	Cr
(Laboratory courses)		
BIOL& 241, 242, 260		
<b>SCIENCE TOTAL</b>		

## VI. HEALTH-RELATED/PE/RECREATIONAL/LEISURE ACTIVITIES – 5 credits

### GROUP A (minimum of one course)

Course	Date	Cr
ART 122		
HLTH 101, 104, 174		
PE 170		

### GROUP B (minimum of one course)

Course	Date	Cr
Aquatics		
Art		
CMST 223, 224, 225		
DRMA 106, 107, 108		
Music		
PHOTO 101		
Physical Education		
<b>HLTH-REL/PE/R/L TOTAL</b>		

## VII. REQUIRED EDUCATION COURSES – 5-7 credits

Course	Date	Cr
EDUC 267/ EDUC& 202 (SCC) <b>OR</b> EDUC& 205 (SFCC)		
<b>REQUIRED EDUCATION COURSES TOTAL</b>		

<sup>1</sup> Recommended subject area.

**NOTE: Some institutions have requirements for admission to the major that go beyond those specified above which students can meet by careful selection of an additional elective course. Students should work with a counselor or academic adviser for further guidance specific to their goals.**

**^W COURSE** \_\_\_\_\_ EDUC& 202 **OR** 205  
course title/number

**^D COURSE** \_\_\_\_\_  
course title/number

Counselor's Initials

Date

Student Identification Number

Name