

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 a statewide articulated transfer degree agreement for future secondary mathematics teachers between the community colleges and most four-year institutions. The Associate in Mathematics Education DTA degree shall only be granted to students who have earned a cumulative grade point average of at least 2.0. Students will enter the university at junior standing. Admission to Washington four-year institution's 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 of 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 95-97 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 – 10-15 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 credits 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.

2008-2009

COMMUNICATION 15 credits

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

ENGL& 101, 102 (formerly ENG 101, 201)
CMST& 101 (formerly SPCH 101/ ENG 109)

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 099 at SCC/ SFCC) 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 (formerly MATH 124, 125, 126, 224)

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

ENGL 208, 209, 241, 248, 249, 247, 251, 261, 271, 272, 278 (formerly ENG 208, 209, 241, 245, 246, 247, 251, 261, 271, 272, 278); ENGL& 111, 220, 113, 114, 112 (formerly ENG 131, 210, 275, 276, 277)¹
Foreign Language **OR** ASL – 5 credits only
JOURN 110
CMST 227 (formerly SPCH 220)

GROUP B: Aesthetic Experience

ART 108, 109, 110, 112; ART& 100 (formerly ART 107)¹
DRMA& 101 (formerly DRAMA 115)¹
HUM 141, 221, 222, 223, 224, 225, 236 (formerly HUMAN 141, 221, 222, 223, 224, 225, 236)
MUSC 124, 108, 109, 191, 235, 236, 237 (formerly MUSIC 104, 108, 109, 191, 221, 222, 223); MUSC& 141, 142, 143, 105, 241, 242, 243 (formerly MUSIC 101, 102, 103, 107, 201, 202, 203)¹

GROUP C: Philosophy and the Humanities

HUM 107, 201 (formerly HUMAN 107, 201); HUM& 101 (formerly HUMAN 101)
PHIL 210, 215, 220, 231; PHIL& 101, 106 (formerly PHIL 101, 201)¹

¹ recommended subject area

SOCIAL SCIENCES 15 credits

Select PSYC& 100 (formerly PSYCH 101) from Group A, one from Group B, and a third from either Group A or B.

GROUP A: Human Behavior

ANTH& 100, 206, 210 (formerly ANTHR 101, 201, 204)¹
GEOG 101, 230, 260
PSYC& 100 (formerly PSYCH 101) (required)
SOC 175, 211, 221, 261; SOC& 101, 201 (formerly SOC 101, 240)
WS 201

GROUP B: Human Enterprise

ECON 100; ECON& 202, 201 (formerly ECON 201, 202)¹
HIST 141, 142, 222, 230, 240; HIST& 116, 117, 118, 136, 137, 219, 214 (formerly HIST 101, 102, 103, 121, 122, 140, 260)¹
POLS 102, 125, 201, 204, 205 (formerly POLSC 102, 125, 201, 202, 203); POLS& 101, 202, 203 (formerly POLSC 101, 111, 270)¹

¹ recommended subject area

SCIENCE 10-15 credits

Complete 10 or 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 (formerly BIOL 101)
BOT 111, 112, 113
ENVS& 101 (formerly ECOL 101)
ZOO 121, 122
(Non-laboratory course)
NUTRI 251
OCEA& 101 (formerly OCEAN 102)
Physical Sciences
(Laboratory Courses)
CHEM 101, 104 (formerly CHEM 110), 111, 112, 113, 115; CHEM& 140; CHEM& 110, 161, 162, 163, 121, 122, 123, 241/251, 242/252, 243/253 (formerly CHEM 100, 141, 142, 143, 161, 162, 163, 201/211, 202/212, 203/213)
GEOL 201, 210; GEOL& 101 (formerly GEOL 101)
PHYS 100, 101, 102, 103, 105, 108, 200, 201, 202, 203
(Nonlaboratory courses)
ASTR& 101, 100 (formerly ASTR 101, 115)
ENVS 104, 110, 207, 210, 211 (formerly ENVSC 101, 110, 207, 210, 211)
GEOL 116 (formerly GEOL 110) - 5 credits only;
GEOL& 100 (formerly GEOL 115)
PALEO 103

GROUP B: Science

(Laboratory courses)
BIOL& 241, 242, 260 (formerly A-P 242, 243, MBIOL 231)

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
DRMA 106, 107, 108 (formerly DRAMA 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 (formerly MUSIC 115, 127, 139, 142, 148, 151, 170, 171, 176, 177, 178, 182, 215, 227, 239, 242, 248, 251, 276, 277, 278, 282)
PHOTO 101
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
CMST 223, 224, 225 (formerly SPCH 223, 224, 225)

REQUIRED EDUCATION COURSES 5-7 credits

EDUC 267/ EDUC& 202 (SCC)
OR EDUC& 205 (SFCC) (formerly formerly ED 267/201, **OR** 202)

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 an additional elective course. 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) 2008-2009 WORKSHEET

A total of 95-97 credits is required. At least one 5-credit writing-intensive course ("W" designated course) must be included within the distribution requirements. At least 5 credits must be chosen from the approved list of diversity courses ("D" designated course).
See reverse side for the complete statement of degree requirements and listing of available courses.

Counselor's Initials _____
Date _____
Student Identification Number _____
Name _____

I. COMMUNICATION—15 credits

Course	Date	Cr
ENGL& 101 (formerly ENG 101)		
ENGL& 102 (formerly ENG 201)		
CMST& 101 (formerly SPCH 101/ ENG 109)		
COMMUNICATION TOTAL		

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) (formerly MATH 124)		
MATH& 152 (required) (formerly MATH 125)		
MATH& 153 (required) (formerly MATH 126)		
MATH 220 (SFCC) (required)		
MATH& 254 (SFCC) (required) (formerly MATH 224)		
QUANTITATIVE REASONING TOTAL		

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
English ¹ (literature)		
Foreign Language OR ASL		
JOURN 110		
CMST 227 (formerly SPCH 220)		

GROUP B: Aesthetic Experience

Course	Date	Cr
Art ¹		
DRMA& 101 (formerly DRAMA 115) ¹		
Humanities (film)		
Music ¹		

GROUP C: Philosophy and the Humanities

Course	Date	Cr
HUM 107, 201 (formerly HUMAN 107, 201); HUM& 101 (formerly HUMAN 101)		
Philosophy ¹		

HUMANITIES TOTAL

¹ Recommended subject area.

IV. SOCIAL SCIENCES—15 credits

A total of 15 credits required in **three** subject areas—select PSYC&100 (formerly Psych 101) 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 ¹		
GEOG 101, 230, 260		
PSYC& 100 (required) (formerly PSYCH 101)		
Sociology		
Women's Studies (WS 201)		

GROUP B: Human Enterprise

Course	Date	Cr
ECON ¹ 100; ECON& 202, 201 (formerly ECON 201, 202)		
History		
Political Science ¹		

SOCIAL SCIENCES TOTAL

¹ Recommended subject area.

V. SCIENCE—10-15 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
LIFE SCIENCES		
(Laboratory courses)		
BIOL 100, 110, 115; BIOL& 160 (formerly BIOL 101)		
BOT 111, 112, 113		
ENVS& 101 (formerly ECOL 101)		
ZOOL 121, 122		
(Nonlaboratory course)		
NUTRI 251		
OCEA& 101 (formerly OCEAN 102)		
PHYSICAL SCIENCES		
(Laboratory courses)		
Chemistry		
Geology		
Physics		
(Nonlaboratory courses)		
ASTR& 101, 100 (formerly ASTR 101, 115)		
ENVS 104, 110, 207, 210, 211 (formerly ENVSC 101, 110, 207, 210, 211)		
GEOL 116 (formerly GEOL 110); GEOL& 100 (formerly GEOL 115)		
PALEO 103		

GROUP B: Science

Course	Date	Cr
(Laboratory courses)		
BIOL& 241, 242, 260 (formerly A-P 242, 243, MBIOL 231)		
SCIENCE TOTAL		

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		
Drama		
Music		
PHOTO 101		
Physical Education		
CMST (formerly SPCH)		
HLTH-REL/PE/R/L TOTAL		

VII. REQUIRED EDUCATION COURSES—5-7 credits

Course	Date	Cr
EDUC 267/ EDUC& 202 (SCC) OR EDUC& 205 (SFCC) (formerly ED 267/ 201, OR 202)		
REQUIRED EDUCATION COURSES TOTAL		

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