



Minnesota Transfer Curriculum Requirements Associate in Applied Science Degree

Revised 3/29/16

Name _____ Student ID or SSN _____

These requirements apply to new students, and students who have been absent from this college one academic year or longer.

- An associate in applied science degree requires a minimum of 15 general education credits selected from **at least three of the ten goal areas** of the Minnesota Transfer Curriculum.
- 15 credits must be earned at Central Lakes College to be eligible for an Associate in Applied Science Degree.
- In some cases programs may have specific general education requirements. Please check with your advisor for details.
- Classes may meet requirements for more than one goal area, but credit will not be awarded for any course twice.

MINNESOTA TRANSFER CURRICULUM GOALS

Goal 1 – Communications

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Goal 6 – Humanities & Fine Arts

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Goal 2 – Critical Thinking

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Goal 7 – Human Diversity

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Goal 3 – Natural Sciences

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Goal 8 – Global Perspective

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Goal 4 – Math/Logical Reasoning

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Goal 9 – Ethic & Civic Responsibility

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Goal 5 – History/Social Behavioral Sciences

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Goal 10 – People & the Environment

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Goal 1 - Communications (9-11 credits)

Both ENGL 1410 (or ENGL 1420) and ENGL 1411 (or ENGL 1421) are required. Students must select on additional Goal 1 course.

AMSL 1420 American Sign Language Cultural Immersion Travel (2 cr)	1,8	COMM 1410 Introduction to Communication (3 cr)	1
COMM 1420 Interpersonal Communication (3 cr)	1	COMM 1422* Honors Interpersonal Communication (3 cr)	1
COMM 1430 Public Speaking (3 cr)	1,2	COMM 2420 Intercultural Communication (3 cr)	1,7
COMM 2422* Honors Intercultural Communication (3 cr)	1,7	ENGL 1410 Composition I (4 cr)	1
ENGL 1411 Composition II (4 cr)	1	ENGL 1420* Honors Composition I (4 cr)	1,6
ENGL 1421* Honors Composition II (4 cr)	1,9	ENGL 1422 Practical Writing (3 cr)	1,2
PHIL 1421 Critical Thinking (3 cr)	1,2	PHIL 1422* Honors Critical Thinking (3 cr)	1,2
THTR 1461 Acting I (3 cr)	1		

Goal 2 - Critical Thinking (1 course)

COMM 1430 Public Speaking (3 cr)	1,2	COMM 1450 Introduction to Mass Communication (3 cr)	2,9
ENGL 1422 Practical Writing (3 cr)	1,2	ENGL 2450 World Literature (3 cr)	2,8
GEOG 1430 Introduction to Geographic Information Systems (3 cr)	2,5	MATH 1461* Honors Introduction to Statistics (4 cr)	2,4
PHIL 1417 Immortality and the Afterlife (3 cr)	2,6	PHIL 1421 Critical Thinking (3 cr)	1,2
PHIL 1422* Honors Critical Thinking (3 cr)	1,2	PHIL 1460 Logic (3 cr)	2,4
PHIL 2410 Introduction to Philosophy (3 cr)	2,6	PSYC 2421 General Psychology (4 cr)	2,5
PSYC 2423* Honors General Psychology (4 cr)	2,5	READ 1401 College Reading (3 cr)	2
SOCL 1401 Introduction to Sociology (3 cr)	2, 5		

Goal 3 - Natural Sciences (6 credits)

Two science courses from two different disciplines are recommended, including one required analytical lab course. BIOL 1420, ESCI 1400, ESCI 1444, ESCI 1451 and ESCI 1457 do NOT include required lab components.

BIOL 1404 Human Biology (3 cr)	3	BIOL 1411 Concepts of Biology (3 cr)	3
BIOL 1415 Environmental Biology (4 cr)	3,10	BIOL 1420 Nutrition (3 cr)	3
BIOL 1422* Honors Biology - An Inquiry-Based Course in Life Science (5 cr)	3	BIOL 1431 General Biology I (5 cr)	3
BIOL 1432 General Biology II (5 cr)	3,10	BIOL 2411 Biology of Women (3 cr)	3,7
BIOL 2415 General Ecology (4 cr)	3,10	BIOL 2457 Microbiology (4 cr)	3
BIOL 2467 Anatomy & Physiology I (4 cr)	3	BIOL 2468 Anatomy & Physiology II (4 cr)	3
CHEM 1407 Life Science Chemistry (4 cr)	3	CHEM 1410 Environmental Chemistry (3 cr)	3,10
CHEM 1414 Fundamentals of Chemistry (4 cr)	3	CHEM 1424 Chemical Principles I (5 cr)	3
CHEM 1425 Chemical Principles II (5 cr)	3	CHEM 2472 Organic Chemistry I (5 cr)	3
CHEM 2473 Organic Chemistry II (5 cr)	3	ESCI 1400 Geology of National Parks (3 cr)	3,10
ESCI 1405 Astronomy (4 cr)	3	ESCI 1421 Minnesota Geology (3 cr)	3
ESCI 1444 Natural Disasters (3 cr)	3,10	ESCI 1451 Oceanography (3 cr)	3,10
ESCI 1452 Oceanography Lab (1 cr)	3,10	ESCI 1454 Earth Science and the Environment (4 cr)	3,10
ESCI 1455* Honors Earth Science and the Environment (4 cr)	3,10	ESCI 1460 Exploring the Edge of Space (3 cr)	3
ESCI 1461* Honors Exploring the Edge of Space (4 cr)	3	PHYS 1401 College Physics I (4 cr)	3
PHYS 1402 College Physics II (4 cr)	3	PHYS 1407 Principles of Physics (3 cr)	3
PHYS 1411 Classical Physics I (5 cr)	3	PHYS 1412 Classical Physics II (5 cr)	3
PHYS 1425* Honors Astronomy/Physics (4 cr)	3	PHYS 1430 Concepts of Physics: A Universe of Hidden Charm (3 cr)	3
PHYS 2537 Modern Physics (cr)	3		

Goal 4 - Mathematical or Logical Reasoning (3 credits)

MATH 1441 Concepts in Mathematics (3 cr)	4	MATH 1460 Intro to Statistics (4 cr)	4
MATH 1461* Honors Introduction to Statistics (4 cr)	2,4	MATH 1470 College Algebra (3 cr)	4
MATH 1472 Precalculus (5 cr)	4	MATH 1477 Calculus I (5 cr)	4
MATH 1478 Calculus II (5 cr)	4	MATH 1480* Honors Calculus I (5 cr)	4
MATH 2457 Linear Algebra (3 cr)	4	MATH 2458 Multivariable Calculus (4 cr)	4
MATH 2459 Differential Equations (4 cr)	4	PHIL 1460 Logic (3 cr)	2,4

*Honors courses

Goal 5 - History and Social and Behavioral Sciences (9 credits)

Students are required to complete courses from a minimum of two different disciplines; however, three different disciplines are recommended.

ANTH 1457 Cultural Anthropology (3 cr)	5,8	ANTH 2411 Cultures of American Indians (3 cr)	5,7
ECON 1450 The American Economy (3 cr)	5	ECON 2401 Principles of Economics-Macroeconomics (3 cr)	5
ECON 2402 Principles of Economics-Microeconomics (3 cr)	5	ENVR 1400 Introduction to Environmental Studies (3 cr)	5,10
GEOG 1400 Physical Geography (3 cr)	5,10	GEOG 1410 Maps and Places (3 cr)	5,8
GEOG 1421 World Regional Geography (3 cr)	5,8	GEOG 1430 Introduction to Geographic Information Systems (3 cr)	2,5
GEOG 1459 Cultural Geography (3 cr)	5,8	GEOG 1460* Honors Cultural Geography (3 cr)	5,8
GLST 1401 Introduction to Global Studies (3 cr)	5,8	GLST 1491 Global Studies Experience - International Travel (1-4 cr)	5,8
HIST 1412 World History I, From the Beginning to 1500 (3 cr)	5,8	HIST 1413 World History II, 1500 to Present (3 cr)	5,8
HIST 1472 U.S. History to 1865 (3 cr)	5,7	HIST 1473 U.S. History Since 1865 (3 cr)	5,7
HIST 1475* Honors U.S. History 1865 to Present (3 cr)	5,7	HIST 2404 Minnesota History (3 cr)	5
HIST 2411 American Indian History (3 cr)	5,7	HIST 2420 History of Women in the U.S. (3 cr)	5,7
POLS 1430 Introduction to Political Science (3 cr)	5,9	POLS 1435 American Government and Politics (3 cr)	5,9
POLS 1439 State and Local Government (3 cr)	5,9	POLS 1440 Society and Law (3 cr)	5,9
POLS 2401 Federal Indian Policy (3 cr)	5	POLS 2402 Tribal Government (3 cr)	5,9
POLS 2450 International Relations (3 cr)	5,8	PSYC 1423 Positive Psychology: The Science of Well-Being (3 cr)	5,9
PSYC 1425 Environmental Psychology (3 cr)	5,10	PSYC 2421 General Psychology (4 cr)	2,5
PSYC 2423* Honors General Psychology (4 cr)	2,5	PSYC 2431 Human Development (3 cr)	5
PSYC 2435 Educational Psychology (3 cr)	5,7	PSYC 2470 Abnormal Psychology (3 cr)	5,7
SOCL 1401 Introduction to Sociology (3 cr)	2, 5	SOCL 1403* Honors Introduction to Sociology (3 cr)	5,8
SOCL 1472 Sociology of the Family (3 cr)	5	SOCL 2405 Criminology (3 cr)	5
SOCL 2411 Social Problems (3 cr)	5,9	SOCL 2422 Culture and Environment (3 cr)	5,10
SOCL 2480 Sociology of Death and Dying (3 cr)	5	SOCL 2481 Race, Ethnicity & Oppression (3 cr)	5,7
SPAN 2425 Cultures of Latin America (3 cr)	5,8	THTR 2450 Theatre History (3 cr)	5,8
WMST 1400 Introduction to Women's Studies (3 cr)	5,7	WMST 2420 Women & Religion (3 cr)	5,7

Goal 6 - Humanities and Fine Arts (9 credits)

Students are required to complete courses from a minimum of two different disciplines; however, three different disciplines are recommended.

AMSL 2420 Deaf Culture (3 cr)	6,7	ARTS 1401 Black and White Photography I (3 cr)	6
ARTS 1403 Color Photo I (3 cr)	6	ARTS 1405 Exploring Color Photography (3 cr)	6
ARTS 1420 The Art of Digital Photography (3 cr)	6	ARTS 1425 Introduction to Graphic Design (3 cr)	6
ARTS 1450 Introduction to Studio Art (3 cr)	6	ARTS 1458 Drawing (3 cr)	6
ARTS 1459 2-D Design & Color (3 cr)	6	ARTS 1468 Painting (3 cr)	6
ARTS 1470 Art Appreciation (3 cr)	6	ARTS 1487 Ceramics: Beginning Hand Building (3 cr)	6
ARTS 1488 Ceramics: Beginning Throwing (3 cr)	6	ARTS 1489 Intermediate Ceramics (3 cr)	6
ARTS 2401 Black and White Photography II (3 cr)	6	ARTS 2403 Color Photo II (3 cr)	6
ARTS 2410 Introduction to Photo/Video Art (3 cr)	6	ARTS 2485 American Indian Art (3 cr)	6,7
ARTS 2486 Art History/Ancient (3 cr)	6	ARTS 2487 Art History/Modern (3 cr)	6
ARTS 2490 Art History/Non-Western (3 cr)	6,8	ENGL 1420* Honors Composition I (4 cr)	1,6
ENGL 1450 Introduction to Humanities (3 cr)	6,8	ENGL 1452 Classical Mythology (3 cr)	6
ENGL 1454 Film Appreciation (3 cr)	6	ENGL 1460* Honors Literature: The Great Books (3 cr)	6
ENGL 1463 Introduction to Literature (3 cr)	6,7	ENGL 1468 Poetry (3 cr)	6
ENGL 1470 Introduction to Science Fiction and Fantasy Literature (3 cr)	6,9	ENGL 1477 Authors in Focus (1-3 cr)	6
ENGL 1478 Authors in Focus (1-3 cr)	6	ENGL 2451 Women in Literature (3 cr)	6
ENGL 2455 American Indian Literature (3 cr)	6,7	ENGL 2467 American Literature Pre-1861 (3 cr)	6,7
ENGL 2468 American Literature 1861-Present (3 cr)	6,7	ENGL 2470 Creative Nonfiction (3 cr)	6
ENGL 2483 Creative Writing (3 cr)	6	MUSC 1403 American Popular Music (3 cr)	6,7
MUSC 1405 Jazz Band (1 cr)	6	MUSC 1408 Community Band (1 cr)	6
MUSC 1415 Brass Ensemble (1 cr)	6	MUSC 1418 Woodwind Ensemble (1 cr)	6

**Honors courses*

MUSC 1421 Cantare' Concert Chorale (1 cr)	6	MUSC 1431 Chamber Singers (1 cr)	6
MUSC 1441 Applied Music - Guitar (1 cr)	6	MUSC 1450 Music in World Cultures (3 cr)	6,8
MUSC 1452 Intro to Music Industry (3 cr)	6,9	MUSC 1453 Audio Recording I (3 cr)	6
MUSC 1455 Voice Training (2 cr)	6	MUSC 1457 Music Appreciation (3 cr)	6
MUSC 1459 Fundamentals of Music (3 cr)	6	MUSC 1464 Applied Music - Brass (1 cr)	6
MUSC 1475 Applied Music - Woodwind (1 cr)	6	MUSC 1481 Applied Music - Piano (1 cr)	6
MUSC 1485 Applied Music - Instrumental (1 cr)	6	MUSC 1491 Applied Music - Voice (1 cr)	6
MUSC 2401 Evolution of Jazz (3 cr)	6,7	PHIL 1411 World Religions (3 cr)	6,8
PHIL 1415 Philosophy and Popular Culture (3 cr)	6	PHIL 1417 Immortality and the Afterlife (3 cr)	2,6
PHIL 2410 Introduction to Philosophy (3 cr)	2,6	PHIL 2420 Ethics (3 cr)	6,9
PHIL 2421* Honors Ethics (3 cr)	6,9	PHIL 2422 Medical Ethics (3 cr)	6,9
PHIL 2430 Contemporary Moral Problems (3 cr)	6,9	SPAN 2401 Intermediate Spanish I (4 cr)	6,8
SPAN 2404 Intermediate Spanish II (4 cr)	6,8	SPAN 2420 Many Faces of Mexico (3 cr)	6,8
THTR 1442 Improvisation (3 cr)	6	THTR 1443 Stage to Screen: Plays that Become Movies (3 cr)	6
THTR 1445 Acting for the Camera (3 cr)	6	THTR 1451 Introduction to Theatre (3 cr)	6,8
THTR 1452 Stage Make-up (3 cr)	6	THTR 1453 Theatre Costuming (3 cr)	6
THTR 1462 Acting II (3 cr)	6	THTR 1466 Acting Lab (1 cr)	6
THTR 1471 Theatre Production Lab (1 cr)	6	THTR 1478 Technical Theatre (3 cr)	6
THTR 1480 The Theatre Experience (1-3 cr)	6	THTR 1481 The Theatre Experience-New York (1-3 cr)	6
THTR 1482 The Theatre Experience-London (1-3 cr)	6,8	THTR 1483* Honors Theatre Experience (3 cr)	6,7
THTR 1496 Summer Theatre Workshop (3 cr)	6	THTR 2410 Children's Theatre (3 cr)	6
THTR 2441 Directing for the Theatre (3 cr)	6	THTR 2491 Theatre Independent Study (1-3 cr)	6
WMST 2402 Gender and Popular Culture (3 cr)	6,7		

Goal 7 - Human Diversity (1 course)

AMSL 2420 Deaf Culture (3 cr)	6,7	ANTH 2411 Cultures of American Indians (3 cr)	5,7
ARTS 2485 American Indian Art (3 cr)	6,7	BIOL 2411 Biology of Women (3 cr)	3,7
COMM 2420 Intercultural Communication (3 cr)	1,7	COMM 2422* Honors Intercultural Communication (3 cr)	1,7
ENGL 1463 Introduction to Literature (3 cr)	6,7	ENGL 2455 American Indian Literature (3 cr)	6,7
ENGL 2467 American Literature Pre-1861 (3 cr)	6,7	ENGL 2468 American Literature 1861-Present (3 cr)	6,7
HIST 1472 U.S. History to 1865 (3 cr)	5,7	HIST 1473 U.S. History Since 1865 (3 cr)	5,7
HIST 1475* Honors U.S. History 1865 to Present (3 cr)	5,7	HIST 2411 American Indian History (3 cr)	5,7
HIST 2420 History of Women in the U.S. (3 cr)	5,7	MUSC 1403 American Popular Music (3 cr)	6,7
MUSC 2401 Evolution of Jazz (3 cr)	6,7	PSYC 2435 Educational Psychology (3 cr)	5,7
PSYC 2470 Abnormal Psychology (3 cr)	5,7	SOCL 2481 Race, Ethnicity & Oppression (3 cr)	5,7
THTR 1483* Honors Theatre Experience (3 cr)	6,7	WMST 1400 Introduction to Women's Studies (3 cr)	5,7
WMST 2402 Gender and Popular Culture (3 cr)	6,7	WMST 2420 Women & Religion (3 cr)	5,7

Goal 8 - Global Perspective (1 course)

AMSL 1410 American Sign Language I (4 cr)	8	AMSL 1412 American Sign Language II (4 cr)	8
AMSL 1420 American Sign Language Cultural Immersion Travel (2 cr)	1,8	AMSL 2410 American Sign Language III (4 cr)	8
AMSL 2412 American Sign Language IV (4 cr)	8	AMSL 2414 Conversational ASL (1 cr)	8
ANTH 1457 Cultural Anthropology (3 cr)	5,8	ARTS 2490 Art History/Non-Western (3 cr)	6,8
ENGL 1450 Introduction to Humanities (3 cr)	6,8	ENGL 2450 World Literature (3 cr)	2,8
GEOG 1410 Maps and Places (3 cr)	5,8	GEOG 1421 World Regional Geography (3 cr)	5,8
GEOG 1459 Cultural Geography (3 cr)	5,8	GEOG 1460* Honors Cultural Geography (3 cr)	5,8
GLST 1401 Introduction to Global Studies (3 cr)	5,8	GLST 1491 Global Studies Experience - International Travel (1-4 cr)	5,8
GLST 2401 Global Studies Capstone (1-3 cr)	8	HIST 1412 World History I, From the Beginning to 1500 (3 cr)	5,8
HIST 1413 World History II, 1500 to Present (3 cr)	5,8	MUSC 1450 Music in World Cultures (3 cr)	6,8
OJIB 1401 Beginning Ojibwe I (4 cr)	8	OJIB 1402 Beginning Ojibwe II (4 cr)	8
OJIB 2401 Intermediate Ojibwe I (4 cr)	8	OJIB 2402 Intermediate Ojibwe II (4 cr)	8
PHIL 1411 World Religions (3 cr)	6,8	POLS 2450 International Relations (3 cr)	5,8
SOCL 1403* Honors Introduction to Sociology (3 cr)	5,8	SPAN 1401 Beginning Spanish I (4 cr)	8

*Honors courses

SPAN 1402 Beginning Spanish II (4 cr)	8	SPAN 2401 Intermediate Spanish I (4 cr)	6,8
SPAN 2404 Intermediate Spanish II (4 cr)	6,8	SPAN 2420 Many Faces of Mexico (3 cr)	6,8
SPAN 2425 Cultures of Latin America (3 cr)	5,8	SUST 1400 Introduction to Sustainability (3 cr)	8
THTR 1451 Introduction to Theatre (3 cr)	6,8	THTR 1482 The Theatre Experience-London (1-3 cr)	6,8
THTR 2450 Theatre History (3 cr)	5,8		

Goal 9 - Ethic and Civic Responsibility (1 course)

COMM 1450 Introduction to Mass Communication (3 cr)	2,9	ENGL 1421* Honors Composition II (4 cr)	1,9
ENGL 1470 Introduction to Science Fiction and Fantasy Literature (3 cr)	6,9	MUSC 1452 Intro to Music Industry (3 cr)	6,9
PHIL 2420 Ethics (3 cr)	6,9	PHIL 2421* Honors Ethics (3 cr)	6,9
PHIL 2422 Medical Ethics (3 cr)	6,9	PHIL 2430 Contemporary Moral Problems (3 cr)	6,9
POLS 1430 Introduction to Political Science (3 cr)	5,9	POLS 1435 American Government and Politics (3 cr)	5,9
POLS 1439 State and Local Government (3 cr)	5,9	POLS 1440 Society and Law (3 cr)	5,9
POLS 2402 Tribal Government (3 cr)	5,9	PSYC 1423 Positive Psychology: The Science of Well-Being (3 cr)	5,9
SOCL 2411 Social Problems (3 cr)	5,9		

Goal 10 - People and the Environment (1 course)

BIOL 1415 Environmental Biology (4 cr)	3,10	BIOL 1432 General Biology II (5 cr)	3,10
BIOL 2415 General Ecology (4 cr)	3,10	CHEM 1410 Environmental Chemistry (3 cr)	3,10
ENVR 1400 Introduction to Environmental Studies (3 cr)	5,10	ESCI 1400 Geology of National Parks (3 cr)	3,10
ESCI 1444 Natural Disasters (3 cr)	3,10	ESCI 1451 Oceanography (3 cr)	3,10
ESCI 1452 Oceanography Lab (1 cr)	3,10	ESCI 1454 Earth Science and the Environment (4 cr)	3,10
ESCI 1455* Honors Earth Science and the Environment (4 cr)	3,10	GEOG 1400 Physical Geography (3 cr)	5,10
PSYC 1425 Environmental Psychology (3 cr)	5,10	SOCL 2422 Culture and Environment (3 cr)	5,10