

University of Missouri

Bachelor of Science in Education, Elementary Education

Transfer Guide for Metropolitan Community College

This plan is intended only as a general guide based on requirements in the 2012-2014, Version A, University of Missouri undergraduate catalog. Check the following web sites for current course descriptions, prerequisites, course equivalencies and other specific details about elementary education requirements:

- 1) *College Catalog* (<http://registrar.missouri.edu>)
- 2) *Transfer Equivalencies* (<http://transfercourses.missouri.edu> or <http://transfer.org>)
- 3) *General Education* (<http://generaleducation.missouri.edu>)
- 4) *College of Education* (http://education.missouri.edu/TDP/programs/elementary_degree)

Elementary Education Requirements Automatically Satisfied with the Associate of Arts in Teaching (AAT)

- English 1000 (College Composition)
- Math 1100 (College Algebra)
- Lower-Level Writing Intensive
- Biological and Physical Science
- Social and/or Behavioral science (must include a course in economics, geography, and one of political science 1100, history 1100 or 1200.)
- Math Reasoning Proficiency
- Humanities (must include Public Speaking and an Art or Non-Applied Music)
- Intermediate Level General Education
- Phase I courses are automatically completed with an Associate of Arts in Teaching (AAT) from a Missouri school. Students transferring without an AAT should contact the College of Education to discuss their Phase I course options.

Admission to Phase II of Elementary Education - Application and admission to Phase II is required. Students must be admitted to Phase II prior to beginning the fall semester coursework, and should contact the MU College of Education early in the calendar year to begin the application process.

Admission into the upper level Elementary Education program is competitive; students must meet the minimum requirements outlined below to be considered, but that does not guarantee admission.

- Phase 1 Courses (LTC 1100, ESC PS 2010, ESC PS 2014, LTC 2040, and LTC 2044). An "S" or "C" grade or higher is required for each course.
- Communication 1200 with a grade of C- or higher or a passing score on the Principles of Public Speaking DSST exam
- English 1000 with a C- grade or higher
- Math 1100 with a C- grade or higher
- STAT 1200 with a C- grade or higher or equivalent
- Music Proficiency (fulfilled with Music Proficiency exam or completion of MUSIC 1608, 1612, or 1618) or equivalent
- Overall GPA of 2.750 or higher (this includes grades from all colleges and universities attended)
- MU GPA of Records of 2.750 or higher (The UM GPA is not required before a student attends MU)
- Successful completion of appropriate Missouri Educator Gateway Assessments (MEGA)
- Possession of characteristics associated with effective performance in a professional role at level and major selected.

For more information about Elementary Education, contact the College of Education at (573) 882-5659 or education_advising@missouri.edu.

University of Missouri		Metropolitan Community College
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
English Exposition and Argumentation (3 credits) <i>Must be completed with a grade of C- or better.</i>		
ENGLISH 1000 Exposition & Argumentation	3	ENGL 102 Comp & Rdg II (3)
Mathematics (3 credits) <i>Must be completed with a grade of C- or better.</i>		
MATH 1100 College Algebra	3	MATH 120 College Algebra (3)
Writing Intensive (6 credits) <i>Must be completed with a grade of C- or better.</i>		
Writing Intensive course from anywhere in the curriculum	3	Must be taken at MU unless the requirement is met via completion of an AA or AAT degree.
LTC 4241 Inquiry into Literacy Applications	3	None
Math Reasoning Proficiency (1 course) <i>Must be completed with a C- or better.</i>		
<input checked="" type="checkbox"/> <i>The math reasoning proficiency course may also count toward the science requirement.</i>		
STAT 1200 Introductory Statistical Reasoning	3	MATH 115 Statistics (3) (Not MRP) or None
Biological, Physical, and Mathematical Sciences (12 credits) <i>Courses from at least two of the three categories. A lab is required in both the biological and physical sciences.</i>		
BIO SC 1010 & 1020 General Princ & Concepts of Biology or BIO SC 1500 Introduction to Biological Systems with Lab	5	BIOL 101 General Biology (5)
PHYSCS 2330 Exploring the Principles of Physics (preferred) or other physical science	4	Select physical science lab from the general education list.
STAT 1200 Introductory Statistical Reasoning	3	MATH 115 Statistics (3) (Not MRP)
Social and Behavioral Sciences (15 credits)		
POL SC 1100 American Government	3	POLS 136 Intro Am Natl Pol (3)
GEOG 1100 Regions and Nations of the World I or GEOG 1200 Regions and Nations of the World II	3	GEOG 111 Geog: Western World (3) or GEOG 112 Geog: Eastern World (3)
HIST 1100 Survey of American History to 1865 or HIST 1200 Survey of American History since 1865 or HIST 2210 Twentieth Century American	3	HIST 120 US Hist to 1865 (3) or HIST 121 US Hist since 1865 (3)
Economics (any course)	3	ECON 211 Prin Econ II-Micro (3) or ECON 210 Macroeconomics (3)
PSYCH 1000 General Psychology	3	PSYC 140 Gen Psychology (3)
Humanistic Studies and Fine Arts (9 credits)		
Literature Course	3	Any English literature course
ART or non-applied MUSIC	3	Any ART or non-applied MUSIC (may be fulfilled with music proficiency course)
COMMUN 1200 Public Speaking	3	SPDR 100 Fund of Speech (3)
Music Proficiency (0-3 credits)		
MUSIC NM 1618 Basic Music Skills or MUSIC NM 1608 Beginning Piano Class or MUSIC NM 1612 Elementary Folk Guitar Class or Audition Ensemble or Music Proficiency Skills Test (offered twice a year)	0-3	MUSI 103 Band I (1) or MUSI 105 Orchestra I (1) or MUSI 110 Music Theory I (4) or MUSI 112 Class Piano I (2) or MUSI 125 Class Guitar I (2)
Oral Communication Proficiency (0-3 credits)		
<input checked="" type="checkbox"/> <i>The oral communication proficiency course may also count toward the humanities requirement.</i>		
COMMUN 1200 Public Speaking or pass the Principles of Public Speaking DSST exam	3	SPDR 100 Fund of Speech (3)
Intermediate Level General Education (0-3 credits)		
<input checked="" type="checkbox"/> <i>The intermediate level general education course may also count toward the science or humanities requirement.</i>		
2000-level or higher course in humanities and fine arts, mathematics, biological, or physical sciences. Physics 2330 taken at MU will satisfy this requirement.	3	Select 200-level/2000-level science or humanity course from the general education list.
World International (0-3 credits) Fulfilled with Social/Behavioral Science		
<input checked="" type="checkbox"/> <i>The world international course may also count toward the social science or humanities requirement.</i>		
GEOG 1100 Regions and Nations of the World I or GEOG 1200 Regions and Nations of the World II	3	GEOG 111 Geog: Western World (3) GEOG 112 Geog: Eastern World (3)
Health Education (2 credits)		
LTC 1200 Elements of Health Education	2	Must be taken at MU.
Missouri State Certification Concentration (21 credits)		
Choose one area: Math, Science, Humanities/Fine Arts or Social/Behavioral Science	21	Select courses for the chosen concentration area. General education courses may be used to complete the concentration 21 credit requirement.

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COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
Professional Education (65 hours)		
Phase I (9 credits) An "S" or "C" grade is required		
LTC 1100 Orientation	1	Phase I courses are automatically completed with an Associate of Arts in Teaching (AAT) from a Missouri school. Students transferring without an AAT should contact the College of Education to discuss their Phase I course options.
ESC PS 2010 Inquiry into Learning I and ESC PS 2014 Inquiry into Learning I - Field Experience	4	
LTC 2040 Inquiring into Schools, Community & Society I and LTC 2044 Inquiry into Schools, Community & Society : Field	4	
Phase II (32 credits)		
LTC 4221 Essential Literacy: Writing	2	None
LTC 4240 Art for Children	2	None
LTC 4250 Music for Children	2	None
LTC 4260 Elementary Social Studies	3	None
LTC 4194 Elementary Education Field Exp I	3	None
LTC 4300 Learn/Teach Number & Oper	3	None
SPC ED 4020 Inquiry into Learning II	3	None
LTC 4030 Methods in Coordinated School Health	3	None
LTC 4211 Essential Literacy: Reading	3	None
LTC 4280 Teach Science in Elementary Schools	3	None
LTC 4294 Elementary Educ Field Exp II	3	None
LTC 4310 Learn/Teach Geometry in Elem School	3	None
Phase III (24 credits)		
ED LPA 4060 Inquiring into Schools, Community, & Society II	3	None
LTC 4231 Advanced Applications Literacy	3	None
LTC 4241 Inquiry into Literacy App	3	None
LTC 4971 Teaching Intern & Capstone	3	None
LTC 4971 Teaching Intern & Capstone	12	None
Electives - Choose electives to reach the total of 120 credits required for graduation.		
Minimum Credits for a Bachelor of Science in Education	120	

SCIENCES**Biological Sciences (▲=Lab Course)**

BIOL 100 Intro Cell Biology (3)
 ▲BIOL 101 General Biology (5)
 ▲BIOL 102 Environ Biol (5)
 ▲BIOL 104 General Botany (5)
 ▲BIOL 106 General Zoology (5)
 ▲BIOL 108 Anatomy & Physiology (5)
 ▲BIOL 109 Anatomy & Physiology (6)
 ▲BIOL 110 Human Anatomy (5)
 ▲BIOL 118 Intro to Biology (5)
 BIOL 132 Human Nutrition (3)
 ▲BIOL 202 Ecology (5)
 BIOL 204 Genetics (3)
 ▲BIOL 210 Human Physiology (5)
 ▲BIOL 211 Field Biology (5)

BIO_SC BIO
 BIO_SC 1030
 BIO_SC 1060
 BIO_SC 1200
 BIO_SC 1100
 BIO_SC BIOL
 BIO_SC BIOL
 BIO_SC BIOL
 BIO_SC BIOL
 NUTR_S 1034
 BIO_SC BIOL
 BIO_SC 2200
 BIO_SC BIOL
 BIO_SC BIOL

Math Sciences (⚡= Math Reasoning Proficiency)

⚡CSIS 141 Discrete Strc Comp Sci I (3)
 ⚡CSIS 241 Discr Strc Comp Sci II (3)
 ⚡ENGR 215 Engr Statistics & Comp (3)
 ⚡MATH 175 Calc Bus & Soc Sci (MRP) (3)
 ⚡MATH 180 Analy Geom & Calc (MRP) (5)
 ⚡MATH 190 Analy Geom & Calc II (MRP) (5)
 ⚡MATH 210 Analy Geom & Calc III (MRP) (5)

MATH MTH
 MATH MTH
 STAT MTH
 MATH 1400
 MATH 1500
 MATH 1700
 MATH 2300

Physical Sciences (▲=Lab Course, ⚡ = Math Reasoning Proficiency)

APTX 212 Textiles (3)
 ▲CHEM 101 Survey Chem (5)
 ▲CHEM 105 Intro Chemistry (5)
 ▲CHEM 107 Prep Gen Chem (5)
 ▲CHEM 111 Gen Coll Chem I (5)
 ▲CHEM 112 Gen Coll Chem II (5)
 ▲CHEM 205 Intro Organic Chem (5)
 GEOG 110 Meteorology (4)
 ▲GEO 101 Physical Geology (5)
 GEOL 102 Historical Geol (4)
 ▲GEO 103 Environ Geology (5)
 GEOL 110 Oceanography (4)
 ▲GEO 180 Energy & Environ (5)
 PHYS 101 Intro Physics (5)
 ▲PHYS 104 Found of Phys Sci (5)
 ▲PHYS 106 Gen Astronomy (5)
 ▲PHYS 112 Tech Physics (5)
 ⚡▲PHYS 130 Gen Physics I (MRP) (5)
 ⚡▲PHYS 131 Gen Physics II (MRP) (5)
 ▲PHYS 220 Engr Physics I (5)
 ▲PHYS 221 Engr Physics II (5)

T_A_M 2200
 CHEM PSCL
 CHEM 1100
 CHEM 1100
 CHEM 1320
 CHEM 1330
 CHEM 2030 & 2130
 GEOG 1050
 GEOL 1100
 GEOL 2350
 GEOL 1200
 GEOL 1250
 GEOL PSCL
 PHYSCS 1150
 MISC PSCL
 ASTRON 1010 & 1020
 PHYSCS PSCL
 PHYSCS 1210
 PHYSCS 1220
 PHYSCS 2750
 PHYSCS 2760