

University of Missouri

Bachelor of Science in Economics

Transfer Guide for Metropolitan Community College

This plan is intended only as a general guide based on requirements in the 2013-2014 University of Missouri undergraduate catalog. Check the following web sites for current course descriptions, prerequisites, course equivalencies and other specific details about the economics degree:

- 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) Economics (<http://economics.missouri.edu/undergraduate/index.shtml>)

For more information about the Bachelor of Science in Economics, contact the Department of Economics at 573-882-0063 or muaseconadvising@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 C- or better.</i> | | |
| ENGLSH 1000 Exposition & Argumentation | 3 | ENGL 102 Comp & Rdg II (3) |
| Mathematics (3 credits) <i>Must be completed with a C- or better.</i> | | |
| MATH 1100 College Algebra | 3 | MATH 120 College Algebra (3) |
| Writing Intensive (6 credits) <i>Must be completed with a C- or better.</i> | | |
| *Writing Intensive course from anywhere in the curriculum | 3 | Must be taken at MU unless satisfied via completion of an AA degree. |
| Writing Intensive course in Economics | 3 | Must be taken at MU. |
| Biological, Physical, and Mathematical Sciences (9 credits) <i>Courses from at least two of the three categories. One course must include a lab.</i> | | |
| <input checked="" type="checkbox"/> <i>Mathematical science courses may also count toward the math and statistics requirement (see below).</i> | | |
| MATH 1500 Analytic Geometry and Calculus I | 5 | MATH 180 Analy Geom & Calc (5) |
| Biological or Physical Science with lab | 4-5 | Select lab science from the general education list. |
| *Social and Behavioral Sciences (9 credits) <i>At least one course from each area.</i> | | |
| State Requirement in Government or History | 3 | Select state requirement from the general education list. |
| Behavioral Science | 3 | Select behavioral science from the general education list. |
| Social or Behavioral Science | 3 | Select social or behavioral science from the general education list. |
| *Humanities/Fine Arts (9 credits) <i>Courses from at least two different areas.</i> | | |
| Humanity 1 | 3 | Select humanities from the general education list. |
| Humanity 2 | 3 | |
| Humanity 3 | 3 | |
| Upper Level General Education (6 credits) <i>Arts & Science approved courses must be taken from 2 of the following 4 areas: Science, Behavioral Science; Social Science; Humanities and Fine Arts. One course must be an MU course.</i> | | |
| <input checked="" type="checkbox"/> <i>Upper-level general education courses may also count toward sciences, behavioral sciences, social sciences, or humanities.</i> | | |
| *Upper Level 1 | 3 | Select 200-level/2000-level courses from behavioral science, social science, or humanity on the general education list. Level is based upon the community college courses number, NOT the MU equivalent. |
| Upper Level 2 | 3 | Must be taken at MU. |
| Foreign Language (12-13 credits) <i>Must be in the same language. Requirement is waived if level 4 of single foreign language was completed in high school.</i> | | |
| or Foreign Language Alternative (12 credits) <i>Coursework outside the department as approved by an economics advisor.</i> | | |
| Language 1 | 5 | Select language courses from the general education list. |
| Language 2 | 5 | |
| Language 3 | 3 | |
| Math and Statistics (25 credits) <i>Must be completed with a C- or better</i> | | |
| MATH 1500 Analytic Geometry and Calculus I | 5 | MATH 180 Analy Geom & Calc (5) |
| MATH 1700 Calculus II | 5 | MATH 190 Analy Geom & Calc II (5) |
| MATH 2300 Calculus III | 3 | MATH 210 Analy Geom & Calc III (5) |
| MATH 4140 Matrix Theory | 3 | None |
| STAT 4750 Intro to Probability Theory AND STAT 4760 Statistical Inference or STAT 4710 Intro to Mathematical Statistic AND STAT 4510 Applied Statistical Models I | 6 | None |
| MATH 3000 Intro to Advanced Mathematics or MATH 4100 Differential Equations or STAT 4000+ (approved by Economics) | 3 | MATH 230 Diff Equations (3) |
| Required Economics Courses (21 credits) <i>Must be completed with a C or better (no "C-" allowed)</i> | | |
| ECONOM 1014 Principles of Microeconomics or ECONOM 1024 Fundamentals of Microeconomics | 3 | ECON 211 Prin Econ II-Micro (3) |
| ECONOM 1015 Principles of Macroeconomics | 3 | ECON 210 Macroeconomics (3) |
| ECONOM 4351 Intermediate Microeconomics | 3 | None |
| ECONOM 4353 Intermediate Macroeconomics | 3 | None |

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| COURSE | CREDITS | EQUIVALENT COURSE (CREDITS) |
| ECONOM 4370 Quantitative Economics | 3 | None |
| ECONOM 4371 Introductory Econometrics | 3 | None |
| ECONOM 4970 Senior Seminar in Economics (Capstone) | 3 | None |
| Economics Electives (9 credits) Must be completed with a C or better (no "C-" allowed) | | |
| Economics Courses (4000-level) | 6 | None |
| Economics Courses (3000-level or above) | 3 | None |
| Electives | | |
| Choose electives to reach the total of 120 credits required for graduation. | | |
| Minimum Credits for a Bachelor of Science in Economics | 120 | |

* Requirement is automatically satisfied upon the completion of an Associate of Arts (AA) degree.

Metropolitan Community College Course**MU Equivalent****Metropolitan Community College Course****MU Equivalent****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

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)
 ▲GEOLOG 101 Physical Geology (5)
 GEOLOG 102 Historical Geol (4)
 ▲GEOLOG 103 Environ Geology (5)
 GEOLOG 110 Oceanography (4)
 ▲GEOLOG 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
 GEOLOG 1100
 GEOLOG 2350
 GEOLOG 1200
 GEOLOG 1250
 GEOLOG PSCL
 PHYSICS 1150
 MISC PSCL
 ASTRON 1010 & 1020
 PHYSICS PSCL
 PHYSICS 1210
 PHYSICS 1220
 PHYSICS 2750
 PHYSICS 2760