Missouri Core 42

CORE 42 Transfer Curriculum

The CORE 42 Transfer Curriculum is a block of at least 42 credit hours that will transfer as equivalent credit at all Missouri public colleges and universities.

Students who complete the CORE 42 curriculum will meet the general education requirements for most liberal arts and sciences degrees at all public higher education institutions in the state. General education requirements for some degrees – including education, engineering and nursing – differ due to professional licensing and other requirements.

To complete the curriculum, students must earn a minimum number of credit hours in five knowledge areas:

- Mathematical sciences – three credit hours
- Natural sciences – seven credit hours, including a course with a lab
- Humanities and fine arts – nine credit hours from at least two disciplines
- Social and behavioral sciences – nine credit hours from at least two disciplines, including a civics course
- Written and oral communications – nine credit hours (six in written communications and three in oral communications)

Credits earned beyond the minimum in each knowledge area count toward the 42-hour minimum.

MOTR Course Equivalencies

Courses designated with a Missouri Transfer (MOTR) course number, guarantees the one-to-one transfer of these courses among all Missouri public institutions of higher education. UMSL courses can be found on the knowledge area tabs above.

For more information about CORE 42 and MOTR Course Equivalencies, visit https://dhe.mo.gov/core42.php .

Mathematical Sciences

MOTR COURSE NUMBER	MOTR COURSE NAME	UMSL COURSE NUMBER	UMSL COURSE NAME
MOTR MATH 120	Mathematical Reasoning & Modeling	MATH 1020	Contemporary Math
MOTR MATH 130	Pre-Calculus Algebra	MATH 1030	College Algebra
MOTR MATH 150	Pre-Calculus	MATH 1045	Pre-Calculus
MOTR MATH 150	Pre-Calculus	MATH 1030 + MATH 1035	College Algebra (1030) and Trigonometry (1035)

Natural Sciences

MOTR COURSE NUMBER	MOTR COURSE NAME	UMSL COURSE NUMBER	UMSL COURSE NAME
MOTR ASTR 100	Astronomy	ASTRON 1001	Cosmic Evolution Introductory Astronomy
MOTR ASTR 100	Astronomy	ASTRON 1001A	Cosmic Evolution/ Introduction Astronomy
MOTR ASTR 1000	Astronomy	ASTRON 1050	Introductory to Astronomy I
MOTR BIOL 100	Essentials in Biology	BIOL 1012	General Biology
MOTR BIOL 100L	Essentials in Biology with Lab	BIOL 1012 and BIOL 1013	General Biology, General Biology Laboratory
MOTR BIOL 150L	Biology with Lab	BIOL 1831	Introductory Biology: From Molecules to Organisms
MOTR BIOL 150LEC	Biology with Lab	BIOL 1821	Introductory Biology: Organisms and the Environment
MOTR BIOL 150L	Biology with Lab	BIOL 1831	Introductory Biology: Organisms and the Environment
MOTR CHEM 100HP	Essentials in Chemistry	CHEM 1052	Chemistry for the Health Professions
MOTR CHEM 150L	Chemistry I with Lab	CHEM 1111	Introductory Chemistry I
MOTR GEOL 100L	Geology with Lab	GEOL 1001 and GEOL 1001L	General Geology, General Geology Lab
MOTR LIFS 150	Human Biology	BIOL 1102	Human Biology
MOTR PHYS 100	Essentials in Physics	PHYSICS 1001	How Things Work
MOTR PHYS 110	Essential in Physical Sciences	GEOL 1053	Oceanography
MOTR PHYS 150L	Physics I with Lab	PHYSICS 1011	Basic Physics I
MOTR PHYS 200L	Advanced Physics I with Lab	PHYSICS 2111	Physics: Mechanics and Heat

Humanities and Fine Arts

MOTR COURSE NUMBER	MOTR COURSE NAME	UMSL COURSE NUMBER	UMSL COURSE NAME
MOTR ARTS 100	Art Appreciation	ART HS 1100	Introduction To Western Art
MOTR ARTS 101	Art History I	ART HS 1120	Global Art History
MOTR LANG 101	French I	FRENCH 1001	French Language & Culture I

MOTR LANG 102	French II	FRENCH 1002	French Language and Culture II
MOTR LANG 103	Spanish I	SPANISH 1001	Spanish Language and Culture I
MOTR LANG 104	Spanish II	SPANISH 1002	Spanish Language and Culture II
MOTR LITR 100	Introduction to Literature	ENGL 1120	Introduction to Literature
MOTR MUSC 100	Music Appreciation	M H L T 1001	Intro to Music
MOTR MUSC 100J	Music Appreciation-Jazz	M H L T 1070	Introduction to Jazz
MOTR MUSC 100RP	Music Appreciation-Rock/Pop	M H L T 1003	History of Rock Music
MOTR MUSC 102	World Music	M H L T 1150	Drumming Cultures of the World
MOTR MUSC 103	Music History I	M H L T 2010	History of Western Music I
MOTR MUSC 104	Music History II	M H L T 2020	History of Western Music II
MOTR PERF 102B	Music Performance-Band	EN PER 1520	Symphonic Band
MOTR PERF 102C	Music Performance-Choir	EN PER 1400	University Chorus
MOTR PERF 102C	Music Performance-Choir	EN PER 1410	The University Singers
MOTR PERF 102O	Music Performance-Orchestra	EN PER 1500	University Orchestra
MOTR PERF 105D	Studio Art-Introduction to Drawing	ST ART 1140	Drawing I
MOTR PHIL 100	Introduction to Philosophy	PHIL 1150	Introduction to Philosophy
MOTR PHIL 101	Introduction to Logic	PHIL 1160	Critical Thinking
MOTR PHIL 102	Introduction to Ethics	PHIL 1130	Approaches to Ethics
MOTR THEA 100A	Theatre Appreciation	THEATR 1800	Introduction to Theatre
MOTR WCIV 101	Western Civilization I	HIST 1031	Topics in European Civilization: Emergence of Western Europe to 1715
MOTR WCIV 102	Western Civilization II	HIST 1032	Topics in European Civilization: 1715 to the Present

Social and Behavioral Sciences

MOTR COURSE NUMBER	MOTR COURSE NAME	UMSL COURSE NUMBER	UMSL COURSE NAME
MOTR ANTH 201	Cultural Anthropology	ANTHRO 1011	Introduction to Cultural Anthropology
MOTR CRIS 101	Introduction to Criminal Justice	CRIMIN 1100	Introduction to Criminology and Criminal Justice
MOTR ECON 100	Introduction to Economics	ECON 1000	Economics in Everyday Life
MOTR ECON 101	Introduction to Macroeconomics	ECON 1002	Principles of Macroeconomics
MOTR ECON 102	Introduction to Microeconomics	ECON 1001	Principles of Microeconomics
MOTR GEOG 101	World Regional Geography	GEOG 1001	Introduction to Geography
MOTR GEOG 101	World Regional Geography	GEOG 1002	World Regions
MOTR HIST 101	American History I	HIST 1001	American Civilization to 1865
MOTR HIST 102	American History II	HIST 1002	American Civilization 1865-Present
MOTR POSC 101	American Government	POL SCI 1100	American Politics
MOTR POSC 201	International Relations	POL SCI 1800	World Politics
MOTR POSC 202	Introduction to Comparative Politics	POL SCI 1500	Introduction to Comparative Politics
MOTR PSYC 100	General Psychology	PSYCH 1003	General Psychology
MOTR PSYC 200	Life Span Human Development	PSYCH 2268	Human Growth and Development
MOTR SOCI 101	General Sociology	SOC 1010	Introduction to Sociology
MOTR SOCI 203	Introduction to Gender Studies	GS 2102	Introduction to Gender Studies

Oral and Written Communication

MOTR COURSE NUMBER	MOTR COURSE NAME	UMSL COURSE NUMBER	UMSL COURSE NAME
MOTR COMM 110	Fundamentals of Public Speaking	COMM 1040	Introduction to Public Speaking
MOTR COMM 120	Interpersonal Communication	COMM 1030	Interpersonal Communication I
MOTR COMM 125	Small Group Communication	COMM 2230	Small Group Communication
MOTR ENGL 110	Technical Writing	ENGL 2125	Technical Writing
MOTR ENGL 200	Composition II	ENGL 1100	First-Year Writing