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

<table>
<thead>
<tr>
<th>MOTR COURSE NUMBER</th>
<th>MOTR COURSE NAME</th>
<th>UMSL COURSE NUMBER</th>
<th>UMSL COURSE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOTR MATH 120</td>
<td>Mathematical Reasoning &amp; Modeling</td>
<td>MATH 1020</td>
<td>Contemporary Math</td>
</tr>
<tr>
<td>MOTR MATH 130</td>
<td>Pre-Calculus</td>
<td>MATH 1030</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MOTR MATH 150</td>
<td>Pre-Calculus</td>
<td>MATH 1045</td>
<td>Pre-Calculus</td>
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<tr>
<td>MOTR MATH 150</td>
<td>Pre-Calculus</td>
<td>MATH 1030 + MATH 1035</td>
<td>College Algebra</td>
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Natural Sciences

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<tr>
<th>MOTR COURSE NUMBER</th>
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<th>UMSL COURSE NUMBER</th>
<th>UMSL COURSE NAME</th>
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<tbody>
<tr>
<td>MOTR ASTR 100</td>
<td>Astronomy</td>
<td>ASTRON 1001</td>
<td>Cosmic Evolution Introductory Astronomy</td>
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<tr>
<td>MOTR ASTR 1000</td>
<td>Astronomy</td>
<td>ASTRON 1050</td>
<td>Introductory to Astronomy</td>
</tr>
<tr>
<td>MOTR BIOL 100</td>
<td>Essentials in Biology</td>
<td>BIOL 1012</td>
<td>General Biology</td>
</tr>
<tr>
<td>MOTR BIOL 150</td>
<td>Biology with Lab</td>
<td>BIOL 1012 and BIOL 1013</td>
<td>General Biology, General Biology Laboratory</td>
</tr>
<tr>
<td>MOTR CHEM 100HP</td>
<td>Essentials in Chemistry</td>
<td>CHEM 1052</td>
<td>Chemistry for the Health Professions</td>
</tr>
<tr>
<td>MOTR GEOL 100L</td>
<td>Geology with Lab</td>
<td>GEOL 1001 and GEOL 1001L</td>
<td>General Geology, General Geology Lab</td>
</tr>
<tr>
<td>MOTR LIFS 150</td>
<td>Human Biology</td>
<td>BIOL 1102</td>
<td>Human Biology</td>
</tr>
<tr>
<td>MOTR PHYS 100</td>
<td>Essentials in Physics</td>
<td>PHYSICS 1001</td>
<td>How Things Work</td>
</tr>
<tr>
<td>MOTR PHYS 110</td>
<td>Essential in Physical Sciences</td>
<td>GEOL 1053</td>
<td>Oceanography</td>
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<tr>
<td>MOTR PHYS 150L</td>
<td>Physics I with Lab</td>
<td>PHYSICS 1011</td>
<td>Basic Physics I</td>
</tr>
<tr>
<td>MOTR PHYS 200L</td>
<td>Advanced Physics I with Lab</td>
<td>PHYSICS 2111</td>
<td>Physics: Mechanics and Heat</td>
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Humanities and Fine Arts

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<thead>
<tr>
<th>MOTR COURSE NUMBER</th>
<th>MOTR COURSE NAME</th>
<th>UMSL COURSE NUMBER</th>
<th>UMSL COURSE NAME</th>
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<tbody>
<tr>
<td>MOTR ARTS 100</td>
<td>Art Appreciation</td>
<td>ART HS 1100</td>
<td>Introduction To Western Art</td>
</tr>
<tr>
<td>MOTR ARTS 101</td>
<td>Art History I</td>
<td>ART HS 1120</td>
<td>Global Art History</td>
</tr>
<tr>
<td>MOTR LANG 101</td>
<td>French I</td>
<td>FRENCH 1001</td>
<td>French Language &amp; Culture I</td>
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### Missouri Core 42

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

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

<table>
<thead>
<tr>
<th>MOTR COURSE NUMBER</th>
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<th>UMSL COURSE NUMBER</th>
<th>UMSL COURSE NAME</th>
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<tbody>
<tr>
<td>MOTR COMM 110</td>
<td>Fundamentals of Public Speaking</td>
<td>COMM 1040</td>
<td>Introduction to Public Speaking</td>
</tr>
<tr>
<td>MOTR COMM 120</td>
<td>Interpersonal Communication</td>
<td>COMM 1030</td>
<td>Interpersonal Communication I</td>
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<tr>
<td>MOTR COMM 125</td>
<td>Small Group Communication</td>
<td>COMM 2230</td>
<td>Small Group Communication</td>
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<tr>
<td>MOTR ENGL 110</td>
<td>Technical Writing</td>
<td>ENGL 2125</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>MOTR ENGL 200</td>
<td>Composition II</td>
<td>ENGL 1100</td>
<td>First-Year Writing</td>
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