# CORE 42 Worksheet - Missouri State University

Missouri Higher Education Core Transfer Curriculum - Effective Fall 2018  
*Courses listed on this worksheet reflect the MDHE CORE 42 Approved Courses from the 2024-2025 Database List*

## Written Communication

6 credit hours minimum

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| ENGL 100 | M017 | 3 | ENG 110 |
| ENGL 110 | M018 | 3 |  |
| ENGL 200 | M019 | 3 | ENG 210 |
| ENGL 200 | M019 | 3 | ENG 221 |

## Oral Communication

3 credit hours minimum

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| COMM 100 | M020 | 3 |  |
| COMM 110 | M021 | 3 | COM 115 |
| COMM 120 | M022 | 3 | COM 205 |
| COMM 125 | M023 | 3 |  |
| COMM 220 | M024 | 3 | COM 120 |

## Mathematical Sciences\*

3 credit hours minimum

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| MATH 110 | M050 | 3 |  |
| MATH 120 | M051 | 3 | MTH 130 |
| MATH 120 | M051 | 3 | MTH 134 |
| MATH 130 | M052 | 3 | MTH 136 |
| MATH 150 | M053 | 5 | MTH 138 |

\*Courses that use a pathway courses as a prerequisite will meet the general education credit for math. For example, Calculus meets the math requirement since Pre-Calculus Algebra is a prerequisite, but only 3 credits will count for CORE 42 completion.

## Natural Sciences

7 credit hours minimum, at least 2 disciplines, at least 1 course with a lab component (MOTR codes with an "L")

### Biology

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| BIOL 100 | M027 | 3 | BIO 101 |
| BIOL 100EC | M129 | 3 |  |
| BIOL 100EV | M130 | 3 |  |
| BIOL 100L | M028 | 4 | BIO 101 + BIO 111 |
| BIOL 100LB | M132 | 4 |  |
| BIOL 100LEC | M133 | 4 |  |
| BIOL 100LEV | M134 | 4 |  |
| BIOL 100LT | M135 | 3 | BIO 100 |
| BIOL 100LB | M132 | 4 |  |
| BIOL 100LZ | M136 | 4 |  |
| BIOL 100M | M131 | 3 |  |
| BIOL 150 | M029 | 3 |  |
| BIOL 150L | M030 | 4 | BIO 121 |
| BIOL 150LB | M137 | 4 |  |
| BIOL 150LCB | M138 | 4 |  |
| BIOL 150LEC | M139 | 4 |  |
| BIOL 150LOR | M140 | 4 |  |

### Chemistry

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| CHEM 100 | M031 | 3 | CHM 107 |
| CHEM 100 | M142 | 3 | CHM 116 |
| CHEM 100L | M032 | 4 | CHM 107 + CHM 108 |
| CHEM 100L | M032 | 4 | CHM 116 + CHM 117 |
| CHEM 100LHP | M143 | 4 |  |
| CHEM 150 | M033 | 3 | CHM 160 |
| CHEM 150L | M034 | 4 | CHM 160 + CHM 161 |

### Geography

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| GEOG 100 | M035 | 3 |  |
| GEOG 100L | M036 | 4 | GRY 142 |

### Geology

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| GEOG 100 | M035 | 3 |  |
| GEOG 100L | M036 | 4 | GRY 142 |

### Life Sciences

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| LIFS 100 | M039 | 3 | BMS 100 |
| LIFS 100AP | M144 | 3 |  |
| LIFS 100D | M146 | 3 |  |
| LIFS 100G | M145 | 3 |  |
| LIFS 100L | M040 | 4 | BMS 100 + BMS 101 |
| LIFS 100LA | M151 | 4 |  |
| LIFS 100LAP | M150 | 4 |  |
| LIFS 100LG | M152 | 4 |  |
| LIFS 100N | M147 | 3 |  |
| LIFS 100P | M149 | 3 |  |
| LIFS 100R | M148 | 3 |  |
| LIFS 150 | M041 | 3 | BMS 110 |
| LIFS 150AP | M153 | 3 |  |
| LIFS 150L | M042 | 4 | BMS 110 + BMS 111 |
| LIFS 150LA | M155 | 4 | KIN 250 |
| LIFS 150LAP | M156 | 4 |  |
| LIFS 150LP | M157 | 4 |  |
| LIFS 150PP | MI54 | 4 |  |

### Astronomy

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| ASTR 100 | M025 | 3 | AST 113 |
| ASTR 100 | M025 | 3 | AST 114 |
| ASTR 100L | MO26 | 4 | AST 115 |

### Physics

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| PHYS 100 | M045 | 3 |  |
| PHYS 100L | M046 | 4 | PHY 100 |
| PHYS 100LT | M159 | 4 | PHY 101 |
| PHYS 110 | MO43 | 3 |  |
| PHYS 110AS | M160 | 3 |  |
| PHYS 110ES | M161 | 3 |  |
| PHYS 110EV | M162 | 3 |  |
| PHYS 110L | M044 | 4 |  |
| PHYS 110LAS | M164 | 4 | GRY 135 |
| PHYS 110LES | M165 | 4 |  |
| PHYS 110LEV | M166 | 4 |  |
| PHYS 110LO | M167 | 4 |  |
| PHYS 110LT | M168 | 4 | GRY 240 |
| PHYS 110O | M163 | 3 |  |
| PHYS 150 | M047 | 3 |  |
| PHYS 150L | M048 | 4 | PHY 123 |
| PHYS 200L | M049 | 5 | PHY 203 |

## Humanities and Fine Arts

9 credit hours minimum, at least 2 disciplines, may choose only 3 total credits from PERF codes

### Arts

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| ARTS 100 | M054 | 3 | ART 200 |
| ARTS 101 | M055 | 3 | ART 271 |
| ARTS 102 | M056 | 3 | ART 272 |

### Film

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| FILM 100 | M059 | 3 | MED 274 |
| FILM 103 | M171 | 3 |  |

### Humanities

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| HUMN 100 | M185 | 3 |  |

### Languages

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| LANG 101 | M060 | 3 | FRN 101 |
| LANG 102 | M061 | 3 | FRN 102 |
| LANG 103 | M062 | 3 | SPN 101 |
| LANG 104 | M063 | 3 | SPN 102 |
| LANG 105 | MO64 | 3 | ARB 101 |
| LANG 105 | MO64 | 3 | CHI 101 |
| LANG 105 | M064 | 3 | GRK 101 |
| LANG 105 | MO64 | 3 | GRM 101 |
| LANG 105 | MO64 | 3 | HBW 101 |
| LANG 105 | MO64 | 3 | ITL 101 |
| LANG 105 | MO64 | 3 | JPN 101 |
| LANG 105 | MO64 | 3 | KOR 101 |
| LANG 105 | M065 | 3 | LTN 101 |
| LANG 105 | MO64 | 3 | PTG 101 |
| LANG 105 | MO64 | 3 | RUS 101 |
| LANG 105 | MO64 | 3 | SPE 312 |
| LANG 106 | M065 | 3 | ARB 102 |
| LANG 106 | M065 | 3 | CHI 102 |
| LANG 106 | M065 | 3 | GRK 102 |
| LANG 106 | M065 | 3 | GRM 102 |
| LANG 106 | M065 | 3 | HBW 102 |
| LANG 106 | M065 | 3 | ITL 102 |
| LANG 106 | M065 | 3 | JPN 102 |
| LANG 106 | M065 | 3 | KOR 102 |
| LANG 106 | M065 | 3 | LTN 102 |
| LANG 106 | M065 | 3 | PTG 102 |
| LANG 106 | M065 | 3 | RUS 102 |
| LANG 106 | M065 | 3 | SPE 313 |

### Music

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| MUSC 100 | M084 | 3 | MUS 241 |
| MUSC 100J | M085 | 3 | MUS 347 |
| MUSC 100RP | M086 | 3 |  |
| MUSC 101 | M087 | 3 | MUS 100 |
| MUSC 102 | M088 | 3 | MUS 239 |
| MUSC 103 | M089 | 3 | MUS 345 |
| MUSC 104 | M090 | 3 | MUS 346 |

### Literature

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| LITR 100 | M066 | 3 | ENG 200 |
| LITR 100D | M067 | 3 |  |
| LITR 100F | M068 | 3 |  |
| LITR 100P | M069 | 3 |  |
| LITR 101 | M070 | 3 |  |
| LITR 101A | M071 | 3 | ENG 350 |
| LITR 101B | M072 | 3 | ENG 351 |
| LITR 102 | M073 | 3 |  |
| LITR 102A | MO74 | 3 | ENG 340 |
| LITR 102B | M075 | 3 | ENG 341 |
| LITR 105 | M076 | 3 | ENG 289 |
| LITR 105AA | M077 | 3 |  |
| LITR 105AS | M158 | 3 |  |
| LITR 105L | M079 | 3 |  |
| LITR 105NA | M078 | 3 |  |
| LITR 106 | M080 | 3 | ENG 282 |
| LITR 107 | M184 | 3 |  |
| LITR 200 | M081 | 3 | ENG 362 |
| LITR 200A | M082 | 3 |  |
| LITR 200M | M083 | 3 |  |
| LITR 201 | M174 | 3 | LLT 121 |

### World Civilizations

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| OCIV 101 | M186 | 3 |  |

### Philosophy

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| PHIL 100 | M119 | 3 | PHI 110 |
| PHIL 101 | M120 | 3 | PHI 105 |
| PHIL 102 | M121 | 3 | PHI 115 |
| PHIL 102A | M187 | 3 |  |
| PHIL 102P | M175 | 3 |  |

### Religion

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| RELG 100 | M122 | 3 | REL 100 |
| RELG 100 | M122 | 3 | REL 110 |
| RELG 101 | M183 | 3 |  |
| RELG 101N | M176 | 3 | REL 102 |
| RELG 101O | M177 | 3 | REL 101 |

### Theatre

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| THEA 100A | M123 | 3 | THE 101 |
| THEA 100B | M124 | 3 |  |
| THEA 100C | M125 | 3 |  |
| THEA 104 | M126 | 3 |  |
| THEA 105 | M127 | 3 |  |
| THEA 106 | M128 | 3 |  |

### Western Civilization

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| WCIV 101 | M057 | 3 |  |
| WCIV 102 | M058 | 3 |  |

### Performance

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| PERF 100 | M091 |  |  |
| PERF 100SC | M092 |  |  |
| PERF 100SM | M093 |  |  |
| PERF 100TT | M094 |  |  |
| PERF 100VD | M095 |  |  |
| PERF 101 | M096 |  |  |
| PERF 101S | M097 |  |  |
| PERF 102B | M098 | 1 | MUS 175 |
| PERF 102B | M098 | 1 | MUS 178 |
| PERF 102C | M099 | 1 | MUS 162 |
| PERF 102O | M100 | 1 | MUS 176 |
| PERF 103P | M101 |  |  |
| PERF 103SA | M102 |  |  |
| PERF 104C | M103 |  |  |
| PERF 104D | M104 |  |  |
| PERF 104M | M105 |  |  |
| PERF 104S | M106 |  |  |
| PERF 104SD | M107 |  |  |
| PERF 105C | M108 | 3 | ART 212 |
| PERF 105D | M109 | 3 | ART 115 |
| PERF 105GA | M110 | 3 | ART 100 |
| PERF 105GA | M110 | 3 | ART 110 |
| PERF 105M | M111 |  |  |
| PERF 105P | M112 |  |  |
| PERF 105S | M113 | 3 | ART 101 |
| PERF 106 | M114 |  |  |
| PERF 106D | M115 |  |  |
| PERF 106F | M116 | 3 | ENG 215 |
| PERF 106NF | M118 | 3 | ENG 205 |
| PERF 106P | M117 | 3 | ENG 203 |
| PERF 107 | M189 |  |  |

## Social and Behavioral Sciences

9 hours minimum, at least 2 disciplines, at least 1 Civics Course

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| ANTH 101 | M001 | 3 | ANT 125 |
| ANTH 201 | M002 | 3 | AND 100 |
| ANTH 201 | M002 | 3 | ANT 303 |

### Criminal Justice

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| CRJS 101 | M170 | 3 | CRM 210 |

### Criminology

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| CRIM 205 | M190 | 3 | CRM 220 |

### Economics

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| ECON 100 | M003 | 3 | ECO 101 |
| ECON 101 | M004 | 3 | ECO 155 |
| ECON 102 | M005 | 3 | ECO 165 |
| ECON 102A | M169 | 3 | AGB 144 |

### Geography

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| GEOG 101 | M006 | 3 | GRY 100 |

### History

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| HIST 201 | M007 | 3 | HST 103 |
| HIST 202 | M008 | 3 | HST 104 |

### Political Science

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| POSC 201 | M009 | 3 | PLS 232 |
| POSC 202 | M010 | 3 | PLS 205 |

### Psychology

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| PSYC 100 | M011 | 3 | PSY 121 |
| PSYC 200 | MO12 | 3 | CFD 155 |

### Social and Behavioral Science

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| SBSC 100 | M178 | 3 | MED 120 |
| SBSC 101 | M179 | 3 | COM 260 |

### Sociology

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| SOCI 101 | M013 | 3 | SOC 150 |
| SOCI 201 | M180 | 3 | SOC 152 |
| SOCI 202 | M181 | 3 |  |
| SOCI 203 | M188 | 3 |  |
| SOCI 204 | M191 | 3 |  |

### Urban Planning

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| URBN 202 | M182 | 3 | PLN 100 |

### Civics Courses

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| HIST 101 | M014 | 3 | HST 121 |
| HIST 101AA | M172 | 3 |  |
| HIST 102 | M015 | 3 | HST 122 |
| HIST 102AA | M173 | 3 |  |
| POSC 101 | M016 | 3 | PLS 101 |

Civics courses not used to fulfill the “Civics Course” requirement may be used to fulfill remaining requirements for the Social and Behavioral Sciences area.

## Interdisciplinary Areas

May only count toward the 5 Additional MOTR Hours needed to reach 42

### Anthropology

| MOTR Code | MOTR Attribute | Credit Hours | MSU Course |
| --- | --- | --- | --- |
| IDSE 102 | M192 | 3 | KIN 210 |

Plus additional MOTR Hours to Reach at Least 42 Total MOTR Hours

Updated 3-20-2024

## Requirements Summary

| Knowledge Areas | Required Minimum MOTR Hours | Required Disciplines | Additional Requirements | Completed Minimum MOTR Hours | Completed Disciplines | Additional Requirements |
| --- | --- | --- | --- | --- | --- | --- |
| Written Communication | 6 | *n/a* |  |  |  |  |
| Oral Communication | 3 | *n/a* |  |  |  |  |
| Mathematical Sciences | 3 | *n/a* |  |  |  |  |
| Natural Sciences | 7 | *2* | *Lab* |  |  | *Lab* |
| Humanities & Fine Arts | 9 | *2* |  |  |  |  |
| Social & Behavioral Sciences | 9 | *2* | *Civics Course* |  |  | *Civics Course* |
| Total Specific Required Hours | 37 |  |  |  |  |  |
| Additional MOTR Hours to Reach 42 Minimum MOTR Hours | 5 | *n/a* |  |  |  |  |
| Total MOTR Hours (minimum) | 42 |  |  |  |  |  |

## Information Instructions

### How to Determine Who Should Use This Worksheet

### Step 1) Does the student's Transfer Credit Evaluation or Transcript indicate that general education has been met via any approved method (CORE 42, AA Degree, 42-Hour Block, previous Bachelor's Degree, General Education completion, or other method)?

* YES General education is met. This worksheet does not apply.
* NO Continue to Step 2.

Step 2) Review the student's Advising Notes datablock "General Education/CORE 42" line. If it says:

* General Education—The student is assigned to follow the Missouri State University General Education requirements and this worksheet does not apply. However, if a student (or advisor) feels that the CORE 42 requirements would be more beneficial to the student, an appeal to switch to CORE 42 is possible.
* CORE 42—Students who have completed at least 12 transferrable credit hours post-high school from a CORE 42 participating institution are automatically assigned to the CORE 42 requirements and this worksheet applies. However, if a student (or advisor) feels that the Missouri State University General Education requirements would be more beneficial to the student, an appeal to switch to Missouri State University General Education is possible.

*Refer to the MSU CORE 42 website (*[*www.missouristate.edu/GeneralEducation/core42.htm*](http://www.missouristate.edu/GeneralEducation/core42.htm)*) for additional assistance.*

## Definitions

### Disciplines

Courses are divided into disciplines based on the 4-letter subject code *(examples: ENGL, MATH, HIST)* .

MOTR CODE (M iss O uri TR ansfer CODE)  
MOTR codes are state-created “course number” like labels used to group similar courses together within a category. *MOTR Code examples: ENGL 100, COMM 110, BIOL 100  
New MOTR Codes (and/or equivalent classes) may be added to the CORE 42 system each academic year.*

MOTR HOURS (M iss O uri TR ansfer HOURS)MOTR hours are state-assigned credit hours for each MOTR code. The credit might not equal the class approved as an equivalent to the MOTR Code from each participating institution.

*If the institution's course credit is less than the MOTR transfer credit, the student will receive credit for completion of the MOTR course (at the credit amount taken), but may have to fulfill additional credit hour requirements to complete the knowledge area.*

## Suggested Process for Using This Worksheet (For Students Admitted Spring 2019 and Later)

Step 1) Review the "CORE 42" column on the student's Transfer Credit Evaluation.  
Step 2) Mark all MOTR Codes listed on the Transfer Credit Evaluation in the check mark column on this worksheet.  
Step 3) Review the "Equivalencies" column on the student's Transfer Credit Evaluation.  
Step 4) Mark all direct equivalent MSU classes listed on the Transfer Credit Evaluation in the check mark column on this worksheet.  
Step 5) Review each area of the worksheet, totaling the completed MOTR hours as marked. The Requirement Summary chart on Page 3 will help organize the completed and remaining requirements.  
Step 6) If additional credits are needed to complete any area(s), use MSU courses listed on the worksheet to fulfill the needed requirement(s).

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