

**ASSOCIATE IN ARTS
TO A
BACHELOR OF ARTS IN PHYSICS**



**UNIVERSITY OF MISSOURI – ST. LOUIS &
MINERAL AREA COLLEGE
TRANSFER GUIDE**



This Guide is intended for the use of students who plan on transferring from Mineral Area College (MAC) with a completed Associate in Arts to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Arts in Physics.

For more information on UMSL's Bachelor of Arts in Physics, please visit our online [Course Catalog](#).

The following are the requirements of the MAC Associate in Arts degree program as they are recommended for students intending to continue on into UMSL's Bachelor of Arts in Physics. Completing these requirements as they are recommended here will maximize the transferability of a student's coursework toward their UMSL Bachelors degree. Further details of this Associates degree program, as well as comprehensive lists of courses that satisfy each General Education component, may be found within the MAC course catalog or may be obtained through a MAC advisor.

This guide is intended for use under advisement of a MAC Academic Advisor or UMSL Transfer Coordinator and is not considered to be substitution of such advisement.

GENERAL EDUCATION

English 9 Hours

- ENG 1330 English Composition I (3)
- ENG 1340 English Composition II (3)
- Complete 1 of the Following Courses:
 - ENG 1440 Public Speaking (3)
 - ENG 1670 Interpersonal Communication (3)

Humanities 9 Hours

- Complete 1 of the Following Courses to satisfy both MAC's and UMSL's Cultural Diversity Requirements:
 - ENG 2500 Multicultural Literature (3)
 - PHI 1410 Comparative Religion (3)
 - SOC 1540 Introduction to Cultural Anthropology (3)
- Complete 1 of the Following Courses:
 - MFL 1170 Elementary French (3)
 - MFL 1370 Elementary Spanish I (3)
 - MFL 1550 German Language & Culture I (3)
 - MFL 1660 Elementary Chinese I (4)
- Complete 1 of the Following Courses:
 - MFL 1270 Intermediate French (3)
 - MFL 1470 Elementary Spanish II (3)
 - MFL 2450 German Language & Culture II (3)
 - Humanities Course: _____

History & Political Science 6 Hours

- POS 1180 American Political Systems (3)
- Complete 1 of the Following Courses:
 - HIS 1230 American History I (3)
 - HIS 1240 American History II (3)

Mathematics 3 Hours

- MAT 1230 College Algebra (3)**

The information in this Transfer Guide is in accordance with the published 2017-2018 Course Catalogs of both UMSL and MAC.

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Physical & Biological Sciences 8 Hours

- Complete 1 Course in the Biological Sciences: _____
- PHS 2230 General Physics I (4)**

Social & Behavioral Sciences 3 Hours

- Complete 1 Social & Behavioral Science Course: _____

Computer Information Systems 3 Hours

- Complete 1 Computer Information Systems Course: _____

Physical Education 2 Hours

- Complete 1 Physical Education Course: _____

ELECTIVES 20 HOURS

A student must complete enough Elective Coursework to reach 62 Total Hours:

- Complete 1 of the Following Courses:
 - MFL 2130 French Composition & Conversation (3)
 - MFL 2230 Intermediate Spanish I (3)
 - MFL 2350 Adv. German Grammar & Reading (3)Elective Course: _____
- MAT 1330 Trigonometry (3)**
- MAT 1650 Analytic Geometry and Calculus I (5)**
- MAT 2150 Analytic Geometry and Calculus II (5)**
- PHS 2240 General Physics II (4)**

Students that plan to transfer to UMSL to pursue a Bachelor of Arts in Physics but do not wish to complete an Associates degree at MAC should focus on completing the **Highlighted Courses** above in conjunction with those outlined in the [MAC General Education Transfer Guide](#).

For questions please contact Tami Davenport at (575) 518-2324 or at davenportt@umsl.edu.