ASSOCIATE OF ARTS
TO A
BACHELOR OF ARTS IN PHYSICS

UNIVERSITY OF MISSOURI – ST. LOUIS
ST. CHARLES COMMUNITY COLLEGE
TRANSFER GUIDE

This Guide is intended for the use of students who plan on transferring from St. Charles Community College (SCC) with a completed Associate of 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 SCC Associate of 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 Bachelor’s 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 SCC course catalog or may be obtained through an SCC advisor.

This guide is intended for use under advisement of an SCC Academic Advisor or an UMSL Student Recruitment Specialist and is not considered to be substitution of such advisement.

GENERAL EDUCATION – CORE 42

Communications – Written & Oral .................................................. 9 hours required
☐ Complete the following ENG courses with a C- or better
   ENG 101 English Composition I (MOTR ENGL 100) (3)
   ENG 102 English Composition II (MOTR ENGL 200) (3)
☐ Complete 1 of the following courses:
   COM 106 Public Speaking (MOTR COMM 110) (3)
   COM 110 Interpersonal Communication (MOTR COMM 120) (3)

Mathematical Sciences ............................................................. 3 hours required
☐ MAT 171 Pre-Calculus Mathematics (MOTR MATH 150) (6) *complete with a C- or higher

Social and Behavioral Sciences ............................................. 9 hours required
Must be from two different areas of study
☐ Complete 1 of the following courses (Civics Requirement)
   HIS 101 U.S. History to 1877 (MOTR HIST 101) (3)
   HIS 102 U.S. History since 1877 (MOTR HIST 102) (3)
   POL 101 American Government (MOTR POSC 101) (3)
☐☐ Complete 2 additional courses in Social and Behavioral Sciences from MOTR list

Humanities and Fine Arts .................................................. 9 hours required
Must be from two different areas of study
☐ LIT 200 World Mythology (MOTR LITR 201) (3) or PHL 201 World Religion (MOTR RELG 100) (3) *either course can be used to satisfy UMSL’s cultural diversity requirement
☐ Complete Level I in a Foreign Language Sequence* (4)
☐ Complete Level II in a Foreign Language Sequence* (4)

Life and Physical Sciences .................................................. 7 hours minimum required, must include 1 lab
☐ CHM 115 General Chemistry I (CHEM 150L) (5)
☐ PHY 250 Engineering Physics I (5)

The information in this Transfer Guide is in accordance with the published 2020-2021 Course Catalogs of both UMSL and SCCC
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CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)
No elective(s) needed if above guide is followed

REQUIRED ELECTIVES for AA-General Transfer Studies (60 hours minimum)
☐ Complete Level III in a Foreign Language Sequence or elective
☐ MAT 180 Calculus and Analytic Geometry I (5)
☐ MAT 230 Calculus and Analytic Geometry II (5)
☐ CHM 116 General Chemistry II (5)
☐ PHY 251 Engineering Physics II (5)

*Students pursuing a Bachelor of Arts in Physics degree at UMSL must complete the third-level course of a foreign language. Without placement, proficiency examination, or other exemption of coursework, this requires the completion of two prerequisite foreign language courses as well. An SCC student that completes one of the following foreign language sequences will have their UMSL Foreign Language requirement considered satisfied upon transferring.

French Sequence
☐ FRN 101 French Language and Culture I (4)
☐ FRN 102 French Language and Culture II (4)
☐ FRN 201 French Language and Culture III (4)

*German Sequence
☐ GRM 101 German Language and Culture I (4)
☐ GRM 102 German Language and Culture II (4)
☐ GRM 201 German Language and Culture III (4)

Spanish Sequence
☐ SPN 101 Spanish Language and Culture I (4)
☐ SPN 102 Spanish Language and Culture II (4)
☐ SPN 201 Spanish Language and Culture III (4)

*Note: Students may also elect to begin a foreign language sequence in *German at SCC, However, UMSL no longer offers the third level of German, and so the student would need to pursue this final language course at another institution under the guidance of the UMSL Department of Language and Cultural Studies. This sequence rule is the same for Chinese and any other language not taught by UMSL; therefore, if an SCC student completed the first two levels, upon admission to UMSL a student would need to complete the third level at another institution under the guidance of the appropriate Department and advisor.

For questions about this transfer guide please call the Office of Admissions at 314-516-5451

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