BACHELOR OF ARTS IN PHYSICS
ASSOCIATE IN ARTS

UNIVERSITY OF MISSOURI – ST. LOUIS & SOUTHWESTERN ILLINOIS COLLEGE TRANSFER DEGREE GUIDE

This Guide is intended for the use of students who plan on transferring from Southwestern Illinois College (SWIC) 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: http://www.umsl.edu/bulletin/as/physics.html

The following are the requirements of the SWIC Associate in Arts degree program as they are recommended for student 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 SWIC course catalog or may be obtained at any SWIC Advising Office.

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

General Education — 44 Hours Required

- ☐ Communications Courses (9 credit hours):
  - ☐ *ENG 101 Rhetoric & Composition I (3)*
  - ☐ *ENG 102 Rhetoric & Composition II (3)*
  - ☐ *SPCH 151 Fundamentals of Public Speaking (3)*
- ☐ General Humanities Course (3 credit hours)
- ☐ Humanities - Fine Arts Course (3 credit hours)
- ☐ Additional General Humanities/Fine Arts Course (3 credit hours) - Please select a course from the following to satisfy both the SWIC Non-Western Culture requirement and the UMSL Cultural Diversity requirement:
  ART 103 Survey of Non-Western Art (3)
  LIT 205 Literature of Developing Non-Western Countries (3)
  MUS 110 World Music (3)
  PHIL 155 Non-Western Philosophy (3)
- ☐ Social Science Course (3 credit hours) - Please select a course from the following to satisfy both the SWIC Human Relations requirement and the UMSL American History or Government requirement:
  HIST 180 U.S. History to 1865 (3)
  HIST 181 U.S. History, 1865 to the Present (3)
  POLS 150 Introduction to American Government (3)
- ☐ Behavioral Science Course (3 credit hours)
- ☐ Additional Social/Behavioral Science Course (3 credit hours)
- ☐ Additional Humanities or Social/Behavioral Course (3 credit hours) - Please select a Level 3 Foreign Language course from the following:
  FREN 201 Intermediate French I (4)
  GERM 201 Intermediate German I (4)
  SPAN 201 Intermediate Spanish I (4)

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- ☐ Mathematics Course (4 credit hours) – *MATH 203 Analytic Geometry & Calculus I (5)*
- ☐ Life Science Course (4 credit hours)
- ☐ Physical Science Course (4 credit hours) – *PHYS 204 Physics - Mechanics (4)*
- ☐ Human Well Being Courses (2 credit hours) - Please select a Human Well Being course from the following:
  HLTH 152 First Aid-Medical Self Help (2)
  HRO 150 Fundamentals of Nutrition (2)

Electives — 20 Hours Required

- ☐ Level 1 Foreign Language course selected from the following:
  FREN 101 Elementary French I (4)
  GERM 101 Elementary German I (4)
  SPAN 101 Elementary Spanish I (4)
- ☐ Level 2 Foreign Language course selected from the following:
  FREN 102 Elementary French II (4)
  GERM 102 Elementary German II (4)
  SPAN 102 Elementary Spanish II (4)
- ☐ *CIS 250 C++ Programming I (3)*
- ☐ *MATH 204 Analytic Geometry and Calculus II (5)*
- ☐ *MATH 205 Analytic Geometry and Calculus III (4)*
- ☐ *MATH 290 Differential Equations (3)*

For any questions regarding this guide please contact the UMSL Office of Transfer Services, part of the Office of Undergraduate Admissions at (314) 516-5162.