

Three Rivers College

/Associate of Arts to Bachelor of Science in Chemistry: Comprehensive Chemistry (American Chemical Society Certified Track)

Students should complete the Associate of Arts Degree (AA) at Three Rivers College to prepare for a smooth transition to a Bachelor of Science in Chemistry: Comprehensive Chemistry Option (American Chemical Society Certified Track) at Southeast Missouri State University.

THREE RIVERS / FIRST SEMESTER	
ACAD 101 Academic Life Strategies	3
ENGL 111 College Writing	3
GNST 100 New Student Orientation	1
CHEM 121 General Chemistry I	4
SCOM 110 Public Speaking	3
<i>Total Hours</i>	14

THREE RIVERS / SECOND SEMESTER	
ENGL 112 Advanced College Writing	3
Life Science	4
CHEM 122 General Chemistry II	4
MATH 171 Analytic Geometry and Calculus I	5
<i>Total Hours</i>	16

THREE RIVERS / THIRD SEMESTER	
MATH 271 Analytic Geometry and Calculus II	5
PHYS 211 General Physics I	5
Humanities Gen Ed Course	3
Social and Behavioral Sciences Gen Ed Course	3
<i>Total Hours</i>	16

THREE RIVERS / FOURTH SEMESTER	
PHYS 212 General Physics II	5
GOVT 121 National and State Government	3
Fine Arts Gen Ed Course	3
Humanities Gen Ed Course	3
Social and Behavioral Sciences Gen Ed Course	3
<i>Total Hours</i>	17

SOUTHEAST / FIFTH SEMESTER	
CH 271 Foundations of Analytical Chemistry	5
CH 341 Foundations of Organic Chemistry	4
CH 342 Organic Chemistry Laboratory I	1
CH 391 Undergraduate Research	1
Elective	3
<i>Total Hours</i>	14

SOUTHEAST / SIXTH SEMESTER	
CH 295 Chemistry Seminar II	2
CH 343 Advanced Organic Chemistry	3
CH 344 Organic Chemistry Laboratory II	2
CH 531 Foundations of Biochemistry	3
CH 575 Chemical Instrumentation	4
<i>Total Hours</i>	14

SOUTHEAST / SEVENTH SEMESTER	
CH 306 Inorganic Chemistry	3
CH 311 Foundations of Physical Chemistry	4
CH 360 Polymer Chemistry	1
CH 533 Biochemistry Laboratory	2
CH Elective (300 level or higher)	4
<i>Total Hours</i>	17

SOUTHEAST / EIGHTH SEMESTER	
CH 312 Advanced Physical Chemistry	3
CH 313 Physical Chemistry Laboratory	3
CH 495 Chemistry Seminar III	1
CH 532 Advanced Biochemistry	2
CH 563 Advanced Inorganic Chemistry	5
<i>Total Hours</i>	14

Three Rivers and Southeast are transfer partners with the Transfer Mentor Program. Learn more and join at semo.edu/transfermentor

Degree requirements for all students: A minimum of 120 credit hours, completion of the General Education program, and 39 senior division hours (at or above the 300-level). In addition, a minimum of 30 credit hours must be taken in residence (at Southeast) which could result in needing additional credit hours.

Students should refer to Southeast's Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.