

Transfer Pathway Map for Chemistry

Students who complete this program are prepared to pursue the bachelor's degree in chemistry or a related field at a senior college or university. Chemists search for and put into practical use new knowledge about substances.

TOTAL: 60 hours

(Not including SGSC 1000, support courses or PE)

First Year

Fall Semester	Hrs
ENGL 1101 - Composition I	3
MATH 1113 - Pre-calculus	4
CHEM 1211K - Principles of Chemistry I	4
PHED Course	1
SGSC 1000 - South Georgia State College Orientation and Success	1
Area B/C/E Course	3
TOTAL	16

Spring Semester	Hrs
ENGL 1102 - Composition II	3
HLTH 1103-Contemporary Health Issues	2
CHEM 1212K - Principles of Chemistry II	4
BIOL 2107 - Principles of Biology I	4
PHED Course	1
Area B/C/E Course	3
TOTAL	17

Milestones:

Math and English courses require a grade of "C" or better and must be finished within the first 30 hours.

First-year overall GPA should be 2.0 or higher.

Milestone Classes CHEM 1211K/1212K (need a C or higher to do well in the program).

Focus courses are taken within the first 30 hours to give a feel of the chosen pathway

Required for all First Time, Full Time Students

Second Year

Fall Semester	Hrs
CHEM 2401 - Organic Chemistry I	4
BIOL 2108 - Principles of Biology II	4
Area D option	4
POLS 1101- American Government	3
DVRS 1101-Topics in Diversity	1
TOTAL	16

Spring Semester	Hrs
CHEM 2402 - Organic Chemistry II	4
HIST 2111/2112	3
Area B/C/E Course	3
Area C ENGL or HUMN	3
Area B/C/E Course	3
TOTAL	16

Milestones:

GPA should be 2.5 or higher, if less, consult an academic advisor for other major options.

If GPA is less than 2.75, a student is no longer competitive for Pre-Medical, Pre-Veterinary, and some allied health programs, consult an academic advisor for options.

Sequence Alert!! CHEM 2401K is only offered in Fall, and CHEM 2402 is only offered in Spring.

Possible career opportunities after additional education include: chemist (analytical, biochemical, organic, geochemical, inorganic, polymer, and physical), physicians and surgeons, veterinarian, pharmacist, and science educator. Please see mynextmove.org for more information on possible career options with salary information.

Name _____

ID NUMBER _____

Date _____

ASSOCIATE OF SCIENCE: Chemistry Pathway Checklist

Area A – Essential Skills
 ENGL 1101 _____ required
 ENGL 1102 _____ required 10hrs
 MATH 1113 _____ required
 *Extra hour used in area F Area A total hours

Area B – Institutional Options
 DVRS 1101 _____ required
 Select one of the following:
 ANTH 1102 _____ HIST 1111 _____
 ANTH 1104 _____ HIST 1112 _____
 COMM 1100 _____ POLS 2401 _____
 COMM 1110 _____ SOCI 2501 _____
 COMM 2000 _____ SABR 2001 _____ 4hrs
 COMM 2010 _____
 Area B total hours

Area C – Humanities/ Fine Arts
 Select one of the following:
 ENGL 2111 _____ ENGL 2121 _____
 ENGL 2112 _____ ENGL 2122 _____
 HUMN 2111 _____ ENGL 2131 _____
 HUMN 2112 _____ ENGL 2132 _____
 Select one of the following:
 ARTS 2205 _____
 ENGL 2111 _____
 ENGL 2112 _____
 ENGL 2121 _____
 ENGL 2122 _____
 ENGL 2131 _____ Any 3 hour foreign
 ENGL 2132 _____ Language _____
 HUMN 2111 _____
 HUMN 2112 _____
 MUSI 1100 _____ 6hrs
 THEA 1100 _____
 PHIL 2010 _____
 Area C total hours

Physical Education Requirements
 HLTH 1103 _____ required 4hrs
 Physical Ed _____ two hours
 Physical Ed. total hours

Area D – Science, Mathematics, Technology
 BIOL 2107K _____ required
 BIOL 2108K _____ required

 Select one of the following:
 ASTR 1010/1010L _____ PHYS 2211K _____
 ASTR 1020/1020L _____ PHYS 2212K _____
 BIOL 2000/2000L _____ MATH 2253 _____
 CSCI 1301 _____ MATH 2254 _____
 PHSC 1011/1011L _____ MATH 2255 _____
 PHYS 1111K _____ SCIE 1111/1111L _____
 PHYS 1112K _____ SCIE 1121/1121L _____ 12hrs
 *Extra hour used in area F Area D total hours

Area E – Social Studies
 POLS 1101 _____ required
 Select one of the following:
 HIST 2111 _____
 HIST 2112 _____
 Select two of the following:
 ECON 2105 _____ POLS 2200 _____
 ECON 2106 _____ POLS 2401 _____
 HIST 1121 _____ PSYC 1101 _____
 HIST 1122 _____ PSYC 2101 _____
 HIST 2100 _____ PSYC 2201 _____
 HIST 2111 _____ PSYC 2103 _____
 HIST 2112 _____ SOCI 1101 _____
 HIST 2200 _____ SOCI 1160 _____
 HIST 2220 _____ SOCI 2293 _____
 POLS 2100 _____ 12hrs
 Area E total hours

Area F – Courses Related to the Program of Study
 CHEM 1211K _____ required
 CHEM 1212K _____ required
 CHEM 2401K _____ required
 CHEM 2402K _____ required
 One excess hour from Area D and Area F = 2 hours 18hrs
 Area F total hours

Completed Areas	
Area A (Must have C's or better)	<input type="text"/>
Area B	<input type="text"/>
Area C	<input type="text"/>
Area D	<input type="text"/>
Area E	<input type="text"/>
Area F (Must have C's or better)	<input type="text"/>
Phys Ed	<input type="text"/>

GA History Requirement
HIST 2111 or 2112

GA Gov't Requirement
POLS 1101

If HIST 2111/2112 or POLS 1101 is taken at a non-USG institution, Georgia history and government exams must be taken to fulfill requirements.

Comments: CHEM 2401K is only offered in fall, and CHEM 2402 is only offered in spring.