



Chemistry Baccalaureate Completion Program

Students who complete an **AS degree** in Chemistry at Sinclair College may transfer into the Bachelor of Science (B.S.) in Chemistry, the Bachelor of Arts (B.A.) in Chemistry, or the Bachelor of Science (B.S.) in Chemistry Education at Wright State University. Students should verify their satisfactory academic progress (SAP) requirements with the financial aid office before pursuing classes outside of their associate's.

Admission Requirements to the Chemistry Program at Wright State

1. Cumulative GPA of 2.0
2. Completion of one course in chosen major with a grade of "C" or higher

This agreement will expire two years from date of signature.

Thomas Sudkamp 5-17-16

Dr. Thomas Sudkamp Date
Provost and Vice President for Curriculum
and Instruction
Wright State University

David Collins 05-31-16

Dr. David L. Collins Date
Provost
Sinclair College

Sinclair Community College
to
Wright State University – Chemistry

Sinclair Course	Credit Hours	Wright State Course/Requirement
ENG 1101 English Composition I	3	ENG 1100
ENG 1201 English Composition II	3	ENG 2100
COM 2211 Effective Public Speaking	3	COM 1010 (Additional Core)
MAT 2270 Calculus & Analytic Geometry I	5	MTH 2300 (Math Core)
MAT 2280 Calculus & Analytic Geometry II	5	MTH 2310 (Additional Core)
MAT 2290 Calculus & Analytic Geometry III Note: Required for associate's; not required for B.A. in Chemistry at Wright State so counted as elective in that program	5	MTH 2320
Choose any two approved OTM Arts & Humanities courses	6	Arts and Humanities Core and History Core
Choose any two approved OTM Social & Behavioral Science courses from different disciplines	6	Social Science Core
CHE 1211 General Chemistry I	5	CHM 1210/1210L
CHE 1221 General Chemistry II	5	CHM 1220/1220L
CHE 2111 Organic Chemistry I	5	CHM 2110/2110L
CHE 2121 Organic Chemistry II	5	CHM 2120/2120L
Multicultural Elective	3	Global Studies Core
MET 1131 Personal Computer Applications for Engineering	1	Elective
SCC 1101 First Year Experience	1	Elective
TOTAL: 61		

By completing the associate degree and the Ohio Transfer Module at Sinclair, students will have met the requirements for the Wright State Core. Students must also complete at least two designated Integrated Writing courses in the major at Wright State.

The remaining requirements listed below are subject to change. Contact the Chemistry Department Associate Chair, Dr. David Dolson, at 937-775-2855 or david.dolson@wright.edu or consult the Wright State catalog.

The following additional coursework will be required to complete the B.A. in Chemistry at Wright State University.

Course Number and Title	Credit Hours
PHY 2400/2400L & 2410/2410L General Physics I &II (<i>Sinclair's PHY 2201 & 2202</i>) or PHY 1110/1110L & 1120/1120L Principles of Physics I & II (<i>Sinclair's PHY 1141 & 1142</i>)	10
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3190 Chemical Literature and Composition	2
CHM 3510L Physical Chemistry Laboratory I	2
CHM 3560 Physical Chemistry for Life Science	3
Chemistry Electives	12
Electives (Note: 18 of the credit hours must be outside of the College of Science and Math & College of Engineering and Computer Science)	25
Total	59

The following additional coursework will be required to complete the B.S. in Chemistry program at Wright State University.

Course Number and Title	Credit Hours
PHY 2400/2400L & 2410/2410L General Physics I &II (<i>Sinclair's PHY 2201 & 2202</i>) or PHY 1110/1110L & 1120/1120L Principles of Physics I & II (<i>Sinclair's PHY 1141 & 1142</i>)	10
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3190 Chemical Literature and Composition	2
CHM 4200 Inorganic Chemistry I	3
CHM 3510/ 3510L Physical Chemistry I	5
CHM 3520/3520L Physical Chemistry II	5
CHM 4350/4350L Instrumental Analysis with Lab	6
Department Approved Electives	7
General Electives	11
Total	59

The following additional coursework will be required to complete the B.S. in Chemistry Education program at Wright State University.

Course Number and Title	Credit Hours
PHY 2400/2400L & 2410/2410L General Physics I &II (<i>Sinclair's PHY 2201 & 2202</i>)	10
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3510/ 3510L Physical Chemistry I	5
CHM 3520/3520L Physical Chemistry II	5
CHM 4350/4350L Instrumental Analysis with Lab	6
Chemistry Electives	6
BIO 1120 Cells and Gene (<i>Sinclair's BIO 1171</i>)	4
BIO 1150 Organisms and Ecosystems (<i>Sinclair's BIO 1272</i>)	4
EES 2510 Earth Systems (<i>Sinclair's GLG 1101</i>)	4
EES 2550 Earth History (<i>Sinclair's GLG 1201</i>)	4
ED 2600 (<i>Sinclair's EDU 1100</i>)	3
ED 2650 Field Experience I	1
ED 2700 Educational Psychology (<i>Sinclair's PSY 2242</i>)	3
ED 2750 Field Experience II	1
ED 2900 Individuals with Exceptionalities (<i>Sinclair's EDU 1105</i>)	3
Total	64

The following additional coursework will be required to complete the B.S. in Chemistry (ACS Certified) program at Wright State University.

Course Number and Title	Credit Hours
PHY 2400/2400L & 2410/2410L General Physics I &II (<i>Sinclair's PHY 2201 & 2202</i>)	10
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3190 Chemical Literature	2
CHM 3510/ 3510L Physical Chemistry I with Lab	5
CHM 3520/3520L Physical Chemistry II with Lab	5
CHM 4170 Applied Chemical Spectroscopy	2
CHM 4350/4350L Instrumental Analysis with Lab	6
CHM 4200 Inorganic Chemistry	3
CHM 4210/4210L Inorganic Chemistry II with Lab	5
BMB 4210 Biochemistry and Molecular Biology I	3
General Electives	5
Total	59