

Chemistry Transfer Program

Students who complete an Associate Science degree at Lorain County Community College may transfer into any one of the Chemistry baccalaureate programs 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 degree.


Admission Requirements to the Chemistry Program at Wright State

1. Cumulative GPA of 2.0
2. 16 credit hours
3. Grade of C or higher in one Chemistry course

This agreement will expire two years from date of signature. Please note, requirements are subject to change. Contact a Wright State advisor in your major at least once a year to verify current requirements.

 7-14-14

Dr. Thomas Sudkamp Date
Provost
Wright State University

 7/29/16

Dr. Jonathan Dryden Date
Provost
Lorain County Community College

Lorain County Community College to Wright State University

Chemistry Major

Lorain County CC Course	Credit Hours	Wright State Course
Universal Graduation Requirement –1 hour		
SVED 101 College 101	1	Elective
Written/Oral Communications -- 6 hours		
ENGL 161 College Composition I	3	ENG 1100
ENGL 162 or 163 or 164 College Composition II	3	ENG 2100
Social Sciences – 6 hours		
Choose two approved Ohio Transfer Module Social Science courses from different disciplines	6	Social Science Core
Arts and Humanities – 6 hours		
Choose two approved Ohio Transfer Module Arts/Humanities courses from different disciplines	6	Art/Humanities Core and History Core
Mathematics – 15 hours		
MTHM 181 Calculus I	5	MTH 2300
MTHM 182 Calculus II	5	MTH 2310
MTHM 281 Multivariate Calculus Note: Students pursuing the B.A. in Chemistry can choose an elective, if they wish, or can count MTHM 281 as an elective	5	MTH 2320
Science – 30 hours		
CHMY 171 General Chemistry I (L)	5	CHM 1210/1210L
CHMY 172 General Chemistry II (L)	5	CHM 1220/1220L
CHMY 271 Organic Chemistry I (L)	5	CHM 2110/2110L
CHMY 272 Organic Chemistry II (L)	5	CHM 2120/2120L
Choose one sequence from: PHYC 151 & 152 General Physic I & II (L) Or PHYC 251 & 252 College Physics I & II (L) Note: The PHYC 251 sequence is required for the ACS certified track in the Chemistry B.S. program.	5+5 or 5+5	PHY 1110/1110L & 1120/1120L PHY 2400/2400L & 2410/2410L
TOTAL: 64		

By completing the associate degree and the Ohio Transfer Module at Lorain, students will have met the requirements for the Wright State Core. Students must 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
CHM 3120/3120L Quantitative Analysis & Lab	5
CHM 3190 Chemical Literature and Composition	2
CHM 3510/3510L Physical Chemistry for Life Sciences & Lab	5
Chemistry Elective	12
Courses outside of Science & Mathematics and Engineering & Computer Science	18
Electives	14
Total	56

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

Course Number and Title	Credit Hours
CHM 3120/3120L Quantitative Analysis & Lab	5
CHH 3190 Chemical Literature and Composition	2
CHM 3510/3510L Physical Chemistry I & Lab	5
CHM 3520/3520L Physical Chemistry II & Lab	5
CHM 4200 Inorganic Chemistry I	3
CHM 4350/4350L Instrumental Analysis & Lab	6
Approved Chemistry electives	7
Electives	23
Total	56

The following additional coursework will be required to complete the **B.S. in Chemistry Education** at Wright State University. Lorain equivalents are identified for students wishing to complete additional hours beyond the associate before transferring to Wright State. The Chemistry Education, B.S., program does NOT lead to licensure. Students must complete a graduate level program, along with additional requirements, in order to be eligible for licensure.

Course Number and Title	Credit Hours
CHM 3120/3120L Quantitative Analysis & Lab	5
CHM 3510/3510L Physical Chemistry I & Lab	5
CHM 3520/3520L Physical Chemistry II & Lab	5
CHM 4350/4350L Instrumental Analysis & Lab	6
Approved Chemistry Electives	6
BIO 1120 Cells and Genes (<i>Lorain's BIOG 161</i>)	4
BIO 1150 Organisms and Ecosystems (<i>Lorain's BIOG 162</i>)	4
EES 2510 Earth Systems (<i>Lorain's PSSC 156</i>)	4
EES 2550 Earth History (<i>Lorain's PSSC 157</i>)	4
ED 2600 Introduction to Education (<i>Lorain's EDCT 271</i>)	3
ED 2650 Field Experience I	1
ED 2700 Educational Psychology (<i>Lorain's EDCT 252</i>)	3
ED 2750 Field Experience II	1
EDS 2900 Individuals with Exceptionalities (<i>Lorain's EDCT 254</i>)	3
Elective	2
Total	56

The following additional coursework will be required to complete the **B.S. in Chemistry (ACS certified)** Wright State University. Lorain equivalents are identified for students wishing to complete additional hours beyond the associate before transferring to Wright State.

Course Number and Title	Credit Hours
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 4200 Inorganic Chemistry	3
CHM 4210/4210L Inorganic Chemistry II with Lab	4
CHM 4350/4350L Instrumental Analysis with Lab	6
BMB 4210 or 4230 Biochemistry and Molecular Biology I or II	3
General Electives	21
Total	56