Bucks County Community College (Bucks) & La Salle University
Transfer Guide for SCIENCE (1117) (A.S.) at Bucks
to BIOLOGY, CHEMISTRY/BIOCHEMISTRY (B.S.) at La Salle University

BUCKS COURSE	CRS.	LA SALLE UNIVERSITY EQUIV. COURSE / AREA SATISFIED	CRS.
COLL101 College Success Seminar	1	Although required for A.S., not transferable	0
COMP110 English Composition I	3	ENG 110 College Writing I: Persuasion	3
CISC110 Intro to Information Systems	3	CSC 151 Intro to Computing Using Packages	3
CHEM121 Chemistry I	4	CHM 111 General Chemistry I	4
Diversity Elective	3	Credit given depends on course taken	3
Math Elective: recommend MATH140 Calculus I	4	MTH 120 Calculus I	4
Social Sciences	3	Credit given depends on course taken	3
COMP111 English Composition II	3	ENG 210 College Writing II: Research	3
Arts/Humanities Elective	3	Credit given depends on course taken	3
Math Elective: recommend MATH141 Calculus II for Chemistry/Biochemistry majors	4	MTH 121 Calculus II	4
Science Elective: recommend CHEM122 Chemistry II	4	CHM 112 General Chemistry II	4
Social Science Elective	3	Credit given depends on course taken	3
Biology Elective: recommend BIOL121 Biological Principles I for Biology and Biochemistry majors	4	BIO 210 Cellular Biology and Genetics	4
College-level Mathematics Elective	3-4	Credit given depends on course taken	3-4
Science Elective: see recommendations	4	Credit given depends on course taken	4
Elective	3	Credit given depends on course taken	3
COMM110 Effective Speaking	3	COM 150 Presentation Skills	3
Elective	3	Credit given depends on course taken	3
College-level Math or Science: see recommendations	4	Credit given depends on course taken	4
PHYS106 Physics A or PHYS121 Physics I	4	Either satisfies PHY 105 General Physics I	4
MINIMUM CREDITS NEEDED TO EARN A.S.	62-64		

Please NOTE: Students may complete the requirements for the bachelor's degree program within two years, although certain majors may require more than 20 courses, which could result in extended time at La Salle.

Bucks-La Salle Dual Admission Students: Please refer to the Dual Admission application for eligibility requirements. Students interested in applying to La Salle through the Dual Admission Agreement must complete the online dual admission application before completing 45 college-level credits. The Dual Admission Agreement includes a Core-to-Core component. Under the Dual Admission agreement, La Salle University's Core will essentially be fulfilled by the Core at Bucks County Community College. In order to meet the requirements of La Salle's Core, students must take one CORE "qualifier" at La Salle, REL 100: Religion Matters. This course must be taken at La Salle because there is no equivalent course offered at the community college.

Non-Dual Admission students who transfer to La Salle University will be required to complete the entire La Salle Core, which includes courses in a number of disciplines. Coursework can be taken at La Salle or prior to transfer. Seek advisement for course options and visit the La Salle website, www.lasalle.edu, to view the current course catalog.

La Salle will accept credit on a case by case basis earned through one of the following sources: the College Level Examination Program (CLEP), the Defense Activity for Non-Traditional Education Support Program (DANTES) and in accordance with the recommendations of the American Council on Education (ACE).

**When equivalent courses are worth different credit amounts, the course will be satisfied and the amount of credit earned will transfer.*

Bucks County Community College (Bucks) & La Salle University
Transfer Guide for SCIENCE (1117) (A.S.) at Bucks
to BIOLOGY, CHEMISTRY/BIOCHEMISTRY (B.S.) at La Salle University

Notes for Dual Admission Applicants:

1) Dual Admission applications must be completed on La Salle University's website, www.lasalle.edu, before 45 college credits are earned. Applications are free.
2) Additional courses beyond the associate degree can be taken at Bucks to meet program requirements at La Salle.
3) Bucks transcripts must be submitted at the time of admission review.
4) Final official transcripts must be sent as soon as the final semester is completed and associate's degree conferred.
5) Students must uphold a grade point average of 2.5 or higher to qualify for Dual Admission.
6) Dual Admission applicants for full-time day programs will be eligible for the Dual Admission Achievement Scholarship.

Additional Notes for all applicants (Dual Admission and regular transfer):

1) For one of the **Chemistry Electives** academically qualified chemistry students are encouraged to enroll in CHEM244 Chemistry III – Analytical Chemistry to satisfy La Salle's CHM 212 Quantitative Analysis. Students should avoid taking CHEM230 Quantitative Analysis, CHEM242 Biochemistry, and CHEM245 Instrumental Chemistry at Bucks as these do not satisfy the required coursework at La Salle. Also, CHEM280 is not transferable.
2) The maximum amount of transfer credits awarded cannot exceed 70.
3) At least half of the courses required by the major department (i.e., major requirements) must be completed at La Salle.
4) For the general Electives, please note that pre-college level courses do not meet this requirement. Please seek advisement on course selection and transferability.
5) For admission review, official transcripts must be sent from all previous colleges attended.
6) All full-time day applicants will be eligible for the merit-based Founder's Scholarship. The award amount will depend on grade point average and quality of curriculum.
7) The Phi Theta Kappa Scholarship is offered to full-time day transfer applicants who are members of PTK with a 3.5 cumulative GPA or above. Proof of membership is required to qualify for this scholarship.
8) Non-Dual Admission students should seek advisement on General Education Elective courses that will satisfy the La Salle Core.
9) Students are strongly advised to use this guide with the assistance of transfer services at Bucks. The information in this transfer guide is subject to change. Therefore, students are advised to check periodically with transfer services for up-to-date information and to contact the Assistant Dean at La Salle, listed below, for advisement on major requirements that can be taken at Bucks. Following this guide does not guarantee the transfer of credit or admission to La Salle University.

Contact Information

La Salle University
Transfer Admission, admiss@lasalle.edu, 215 951 1500

Bucks County Community College
Transfer Services 215 968 8031

Requirements for Completion of B.S., Chemistry, Biochemistry, Biology majors, at La Salle University

Per the Dual Admission Agreement, the CORE is satisfied by the associate's degree earned, except for the following CORE Qualifier(s) that must be completed:

Course(s) at La Salle	Equivalent at Partner School	Notes
REL 100 Religion Matters	Not applicable	Must be taken at La Salle

Free Electives
In addition to the requirements listed below, students must take enough courses to fulfill graduation credit requirements for their School and major.

The information in this transfer guide is subject to change. Therefore, students are advised to check periodically with transfer services for up-to-date information and to contact the Assistant Dean at La Salle for advisement on major requirements that can be taken at the two-year school. Following this guide does not guarantee the transfer of credit or admission to La Salle University.

Chemistry
Number of major courses required for graduation: 17: 12 Chemistry, 2 Math, 2 Physics, 1 Computer Science
Total number of courses required for graduation: 38
Number of major credits required for graduation: 67
Total number of credits required for graduation: minimum 130

The following courses are major requirements for graduation from La Salle. At least half of the courses required by the major department (i.e., major requirements) must be completed at La Salle. Therefore, for this major no more than 8 of the required major courses will be satisfied by transfer coursework.

Required Major Courses at La Salle	Equivalent at Partner School	Notes
CHM 111 General Chemistry I	CHEM121 Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CHEM122 Chemistry II	Science Elective
CHM 201 Organic Chemistry I	CHEM221 Organic Chemistry I	Science Elective
CHM 202 Organic Chemistry II	CHEM222 Organic Chemistry II	Science Elective
CHM 212 Quantitative Analysis		
CHM 311 Instrumental Analysis		
CHM 320 Organic Laboratory Methods		
CHM 332 Quantum Mechanics & Spectroscopy		
CHM 331 Thermodynamics & Kinetics		
CHM 403 Advanced Inorganic Chemistry		
CHM 411 Biochemistry I		
CHM 499 Chemistry Capstone		
CSC 152 Intro to Computing: Math/Sci Appl		
MTH 120 Calculus I	MATH140 Calculus I	Math Elective
MTH 121 Calculus II	MATH141 Calculus II	Math Elective
PHY 105 General Physics I	PHYS106 or PHYS121	Required for A.S.
PHY 106 General Physics II	PHYS107 or PHYS122	Science Elective/Gen

Biochemistry
Number of major courses required for graduation: 19: 9-11 Chem, 3-5 Bio, 2 Math, 2 Physics, 1 Comp Sci
Total number of courses required for graduation: 38
Number of major credits required for graduation: 73
Total number of credits required for graduation: minimum 130-132 depending on options chosen

The following courses are major requirements for graduation from La Salle. At least half of the courses required by the major department (i.e., major requirements) must be completed at La Salle. Therefore, for this major no more than 9 of the required major courses will be satisfied by transfer coursework.

Required Major Courses at La Salle	Equivalent at Partner School	Notes

BIO 210 Cellular Biology and Genetics	BIOL121 Biological Principles I	Biology Elective
BIO 402 Cell Biology		
BIO 413 Molecular Biology		
CHM 111 General Chemistry I	CHEM121 Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CHEM122 Chemistry II	Science Elective
CHM 201 Organic Chemistry I	CHEM221 Organic Chemistry I	Science Elective
CHM 202 Organic Chemistry II	CHEM222 Organic Chemistry II	Science Elective
CHM 212 Quantitative Analysis		
CHM 331 Thermodynamics & Kinetics		
CHM 411 Biochemistry I		
CHM 412 Biochemistry II		
CHM 499 Capstone		
CSC 152 Intro to Computing: Math/Sci Appl		
MTH 120 Calculus I	MATH140 Calculus I	Math Elective
MTH 121 Calculus II	MATH141 Calculus II	Math Elective
PHY 105 General Physics I	PHYS106 or PHYS121	Required for A.S.
PHY 106 General Physics II	PHYS107 or PHYS122	Science Elective/Gen Ed
2 Electives from the following list, Note: for students double majoring in BIO & BIC, the 2 must be CHM courses; for students double majoring in CHM & BIC, the 2 must be BIO courses. BIO 306, 310, 430; CHM 311, 320, 332, 403		

Biology - *Note: Revisions to the Biology major requirements at La Salle are expected to be made beginning in the 2021-22 academic year. Please seek advisement.*
Number of major courses required for graduation: 18
Total number of courses required for graduation: 38
Number of major credits required for graduation: 66
Total number of credits required for graduation: 126 to 132 depending on Biology electives chosen

The following courses are major requirements for graduation from La Salle. At least half of the courses required by the major department (i.e., major requirements) must be completed at La Salle. Therefore, for this major no more than 9 of the required major courses will be satisfied by transfer coursework.

Required Major Courses at La Salle	Equivalent at Partner School	Notes
BIO 210 Cellular Biology and Genetics	BIOL121 Biological Principles I	Biology Elective
BIO 220 Structure & Function of Organisms		
BIO 230 Diversity, Evolution, Ecology	BIOL122 Biological Principles II	Science Elective/Gen Ed
BIO 412 Biochemistry		
BIO 413 Molecular Biology		
6 additional 300/400-level BIO courses		
CHM 111 General Chemistry I	CHEM121 Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CHEM122 Chemistry II	Science Elective
CHM 201 Organic Chemistry I	CHEM221 Organic Chemistry I	Science Elective
CHM 202 Organic Chemistry II	CHEM222 Organic Chemistry II	Science Elective
PHY 105 General Physics I	PHYS106 or PHYS121	Required for A.S.
PHY 106 General Physics II	PHYS107 or PHYS122	Science Elective/Gen Ed
MTH 120 Calculus I	MATH140 Calculus I	Math Elective