

**VALLEY FORGE MILITARY COLLEGE (VFM) & LA SALLE UNIVERSITY**  
**Transfer Guide for General Science (A.S.) at VFM to Biology, Chemistry,  
Biochemistry or Environmental Science major (B.S.) at La Salle University**

<b>VFM Courses</b>	<b>cr.</b>	<b>La Salle University Courses Satisfied</b>	<b>cr.</b>
EN 101 Composition and Rhetoric	3	ENG 110 College Writing I: Persuasion	3
CH 103 Principles of Chemistry I	4	CHM 111 General Chemistry I	4
Civic Engagement Elective (Precalculus if needed)	3	Credit given depends on course taken	3
PY 101 Intro to Psychology	3	PSY 155 Intro to Psychology	3
MS 301 (if ECP) or MS 101 (if ROTC)	4	Military Science Elective Credit	4/2
EN 102 Analytical Writing, Argument & Academic Research	3	ENG 210 College Writing II: Research	3
MA 104 Calculus I	4	MTH 120 Calculus I	4
CH 104 Principles of Chemistry II	4	CHM 112 General Chemistry II	4
CS 110 Info to CIS or CS 120 Intro to Programming or Civic Engagement Elective	3	CSC 153 The Digital Person CSC 230 Program Concepts & User Interfaces Credit given depends on course taken	3
MS 302 (if ECP) or MS 102 (if ROTC)	4	Military Science Elective Credit	4/2
MA 201 Calculus II	4	MTH 121 Calculus II	4
PH 201 Physics I	4	PHY 105 General Physics I	4
BI 101 Biology I	4	BIO 210 Cellular Biology and Genetics	4
MS 401 (if ECP) or MS 201 (if ROTC)	4 or 3	MSC Elective Credit	3
Elective: Military Science for ECP or ROTC	4 or 2	Military Science Elective Credit	4/2
PH 202 Physics II	4	PHY 106 General Physics II	4
Cultures Elective	3	Credit given depends on course taken	3
Global Engagement Elective	3	Credit given depends on course taken	3
BI 102 Biology II	4	BIO 220 Structure and Function of Organisms	4
MS 402 (if ECP) or MS 202 (if ROTC)	4 or 2	MSC Elective Credit	4/2

**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.

**VFMC-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 program must sign the 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 The Valley Forge Military 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](http://www.lasalle.edu), to view the current course catalog.

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

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**Biochemistry or Environmental Science major (B.S.) at La Salle University**

**Notes for Dual Admission applicants:**

- 1) Dual Admission Articulation form must be submitted before 45 college credits are earned.
- 2) When the student is within one year of completing the associate's degree, the Dual Admission application must be submitted on La Salle University's website, [www.lasalle.edu](http://www.lasalle.edu). Applications are free.
- 3) Additional courses beyond the associate degree can be taken at VFMC to meet program requirements at La Salle.
- 4) VFMC transcript must be sent one semester prior to graduating to the Office of Transfer Admission, La Salle University, 1900 W Olney Ave, Philadelphia, PA 19141.
- 5) Final official transcripts must be sent by the student as soon as the final semester is completed and associate's degree conferred.
- 6) Students must uphold a grade point average of 2.5 or higher to qualify for Dual Admission.
- 7) All Dual Admission applicants for full-time day programs will be eligible for the Dual Admission Achievement Scholarship.
- 8) 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.

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

- 1) The maximum amount of transfer credits awarded cannot exceed 90.
- 2) At least half of the courses required by the major (i.e., major requirements) must be completed at La Salle.
- 3) For admission review, official transcripts must be sent from all previous colleges attended.
- 4) 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.
- 5) The Phi Theta Kappa Scholarship is offered to all 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.
- 6) Non-Dual Admission students should seek advisement on General Education Elective courses that will satisfy the La Salle Core.
- 7) Students are strongly advised to use this guide with the assistance of transfer services at VFMC. 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 VFMC. Following this guide does not guarantee the transfer of credit or admission to La Salle University.

**Contact Information**

**La Salle University**

**School of Arts and Sciences**, 215 951 1042, [sasoffice@lasalle.edu](mailto:sasoffice@lasalle.edu)  
**Transfer Admission**, 215 951 1500, [admiss@lasalle.edu](mailto:admiss@lasalle.edu)

**Requirements for Completion of B.S., Biology, Chemistry, Biochemistry or Environmental Science major, 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.

**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	BI 101 Biology I	Required for A.S.
BIO 220 Structure & Function of Organisms	BI 102 Biology II	Required for A.S.
BIO 230 Diversity, Evolution, Ecology		
BIO 412 Biochemistry		
BIO 413 Molecular Biology		
6 additional 300/400-level BIO courses	BI 235 Microbiology= BIO 303	Extra course
CHM 111 General Chemistry I	CH 103 Principles of Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CH 104 Principles of Chemistry II	Required for A.S.
CHM 201 Organic Chemistry I		
CHM 202 Organic Chemistry II		
PHY 105 General Physics I	PH 201 Physics I	Required for A.S.
PHY 106 General Physics II	PH 202 Physics II	Required for A.S.
MTH 120 Calculus I	MA 104 Calculus I	Required for A.S.

**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	CH 103 Principles of Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CH 104 Principles of Chemistry II	Required for A.S.
CHM 201 Organic Chemistry I		
CHM 202 Organic Chemistry II		
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	MA 104 Calculus I	Required for A.S.
MTH 121 Calculus II	MA 201 Calculus II	Required for A.S.
PHY 105 General Physics I	PH 201 Physics I	Required for A.S.
PHY 106 General Physics II	PH 202 Physics II	Required for A.S.

### 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	BI 101 Biology I	Required for A.S.
BIO 402 Cell Biology		
BIO 413 Molecular Biology		
CHM 111 General Chemistry I	CH 103 Principles of Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CH 104 Principles of Chemistry II	Required for A.S.
CHM 201 Organic Chemistry I		
CHM 202 Organic Chemistry II		
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	MA 104 Calculus I	Required for A.S.
MTH 121 Calculus II	MA 201 Calculus II	Required for A.S.
PHY 105 General Physics I	PH 201 Physics I	Required for A.S.
PHY 106 General Physics II	PH 202 Physics II	Required for A.S.
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		

**Environmental Science**

Number of major courses required for graduation: 18

Total number of courses required for graduation: 38

Number of major credits required for graduation: 62

Total number of credits required for graduation: 123 to 126 depending on 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
ENV 153 Intro to Environmental Science		
BIO 210 Cellular Biology and Genetics	BI 101 Biology I	Required for A.S.
BIO 230 Diversity, Evolution, Ecology		
BIO 320 Biostatistics		
CHM 111 General Chemistry I	CH 103 Principles of Chemistry I	Required for A.S.
CHM 112 General Chemistry II	CH 104 Principles of Chemistry II	Required for A.S.
CHM 262 Organic Chemistry for Life Sciences		
ENV 202 Earth Materials		
ENV 305 Environmental Chemistry		
ENV 310 Intro to Geographic Info Systems		
ENV 401 Fundamentals of Soil Science		
ENV 402 Environmental Air Quality		
ENV 450 Capstone		
MTH 120 Calculus I	MA 104 Calculus I	Required for A.S.
POL 316 Environmental Law and Policy		
Choose 3 of the following: BIO 303, 319, 400, 403, 404; ENV 306, 460, 480; CHM 311; PHY 105, 106; ECN 351; ISBT 321, 322, 421, 422, 431; PHL 306, 314	BI 235 Microbiology=BIO 303; PH 201 = PHY 105; PH 202=PHY 106	Extra course Required for A.S. Required for A.S.

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