

Bucks County Community College (Bucks) & La Salle University
Transfer Guide for MATHEMATICS (1006) (A.S.) at Bucks
to MATHEMATICS (B.A. or B.S.) at La Salle University

BUCKS COURSE	CRS.	LA SALLE UNIVERSITY EQUIV. COURSE / AREA SATISFIED	CRS.
CISC115 Computer Science I	4	CSC 230 Programming concepts and user interface	4
COLL101 College Success Seminar	1	Although required for A.S., not transferable	0
COMM110 Effective Speaking	3	COM 150 Presentation Skills	3
COMP110 English Composition I	3	ENG 110 College Writing I: Persuasion	3
MATH140 Calculus I	4	MTH 120 Calculus I	4
COMP111 English Composition II	3	ENG 210 College Writing II: Research	3
MATH141 Calculus II	4	MTH 121 Calculus and Analytic Geometry II	4
PHYS121 Physics I recommended <i>(see Advising notes)</i>	4	PHY 105 General Physics I	4
Social Sciences	3	Credit given depends on course taken	3
Mathematics Elective: recommended MATH250 Differential Equations	3*	MTH 322 Differential Equations	(4) 3*
MATH242 Calculus III	4	MTH 222 Calculus and Analytic Geometry III	4
MATH121 Discrete Mathematics	3	MTH 302 Foundations of Mathematics	3
Arts/Humanities (Please note, not transferable: COMT103, CULN130, CULN132, MUSC124, VAFA107, VAFA161, VAFA181, VAFW100, VAPH151)	3	Credit given depends on course taken	3
Elective: recommend PHYS122 Physics II if planning to pursue the B.S. (rather than the B.A.)	4	PHY 106 General Physics II	4
MATH260 Linear Algebra	3	MTH 240 Linear Algebra and Applications	(4) 3*
Math Elective	3	Transferable credit	3
Electives	9	Credit given depends on course taken	9
MINIMUM CREDITS NEEDED TO EARN A.S.	61		

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 specific 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.

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Advising Notes Related to Major Course Requirements:

- 1) Of the 18 major-level courses required for a B.S. in Mathematics at La Salle, the following 8-9 courses should be completed at Bucks in order to finish in two years at La Salle, given a fall start term: MATH140, MATH141, MATH242, CISC115, MATH260, MATH121, MATH250, PHYS121 and PHYS122. A maximum of nine major-level courses can be transferred to La Salle.
- 2) Of the 15 major-level courses required for a B.A. in Mathematics at La Salle, the following six should be completed at Bucks in order to finish in two years at La Salle, given a fall start term: MATH140, MATH141, MATH242, CISC115, MATH260, and MATH121. If a student chooses to take MATH250 Differential Equations for the **Mathematics Elective** it will satisfy MTH 322 Differential Equations, a major requirement at La Salle.
- 3) Both MATH140 and MATH141 should be taken at Bucks. While the combined content of 140/141 is equivalent to MTH 120/221 at La Salle, there are core topics in MTH 120 not covered in MATH140, making it impossible for a student to do MATH140 at Bucks and MTH 221 at La Salle.
- 4) If a student takes MATH250 Differential Equations as an elective, it will satisfy MTH 322 Differential Equations, a major requirement.
- 5) Students have the option of taking CHEM121 or PHYS121 at Bucks to meet the requirements of this associate's. It is recommended that, in order to satisfy a requirement in the major at La Salle, students take PHYS121.

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) The maximum amount of transfer credits awarded cannot exceed 90.
- 2) At least half of the courses required by the major department (i.e., major requirements) must be completed at La Salle.
- 3) For the general **Electives**, please note that pre-college level courses do not meet this requirement. Please seek advisement on course selection and transferability.
- 4) For admission review, official transcripts must be sent from all previous colleges attended.
- 5) 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.
- 6) 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.
- 7) Non-Dual Admission students should seek advisement on General Education Elective courses that will satisfy the La Salle Core.
- 8) 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.A. or B.S., Mathematics major, at La Salle University

B.A.

Number of major courses required for graduation: 15

Total number of courses required for graduation: 38

Number of major credits required for graduation: 52

Total number of credits required for graduation: 121

B.S.

Number of major courses required for graduation: 18

Total number of courses required for graduation: 38

Number of major credits required for graduation: 63

Total number of credits required for graduation: 123

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

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 the B.A., no more than 7 of the required major courses will be satisfied by transfer coursework and for the B.S., no more than 9.

Required Major Courses at La Salle	Equivalent at Partner School	Notes
Required for both B.A. and B.S.		
MTH 120 Calculus I	MATH140 Calculus I*	Required for A.S.
MTH 121 Calculus II	MATH141 Calculus II*	Required for A.S.
MTH 222 Calculus III	MATH242 Calculus III	Required for A.S.
MTH 240 Linear Algebra	MATH260 Linear Algebra	Required for A.S.
MTH 302 Foundations of Mathematics	MATH121 Discrete Mathematics	Required for A.S.
MTH 322 Differential Equations	MATH250 Differential Equations	Math Elective
MTH 341 Abstract Algebra		
MTH 410 Probability		
MTH elective 300-level or higher		
MTH elective 300-level or higher		
MTH elective 300-level or higher		
MTH elective 300-level or higher		
PHY 105 General Physics I	PHYS121 Physics I	Science Elective
Additional requirements for B.A.:		
MTH elective 300-level or higher		
CSC 230 Programming Concepts and User Interfaces or CSC 280 Object Programming	CISC115=CSC 280	Required for A.S.
Additional requirements for B.S.:		
MTH 424 Complex Variables		
MTH 430 Topology		
PHY 106 General Physics II	PHYS122 Physics II	Elective
CSC 230 Programming Concepts and User Interfaces		
CSC 280 Object Programming	CISC115=CSC 280	Required for A.S.

* While the combined content of 140/141 is equivalent to MTH 120/221 at La Salle, there are core topics in MTH 120 not covered in MATH140, making it impossible for a student to do MATH140 at Bucks and MTH 221 at La Salle.

Free Electives

In addition to the requirements listed above, 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.

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