

**Bucks County Community College (Bucks) & La Salle University  
Transfer Guide for INFORMATION SCIENCE (1102) (A.S.) at Bucks  
to COMPUTER SCIENCE (B.A. or B.S.) at La Salle University**

BUCKS COURSE	CRS.	LA SALLE UNIVERSITY EQUIV. COURSE / AREA SATISFIED	CRS.
CISC110 Intro to Information Systems	3	CSC 151 Intro to Computing Using Packages	3
COLL101 College Success Seminar	1	Required for A.S., however not transferable	0
COMP110 English Composition I	3	ENG 110 College Writing I: Persuasion	3
CISC115 Computer Science I	4	CSC 230 Programming Concepts and User Interfaces	4
MGMT100 Introduction to Business	3	BUS 100 Business Perspectives	3
Arts/Humanities	3	Credit given depends on course taken	3
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CISC128 Comparative Operating Systems	4	Elective credit	4
CISC113 Visual Basic Programming I	3	Elective credit	3
COMP111 English Composition II	3	ENG 210 College Writing II: Research	3
CISC122 Computer Science II	4	CSC 280 Object Programming	4
Mathematics: MATH140 Calculus I	4	MTH 120 Calculus I	4
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VAMM110 Web and Interactive Design	3	DART 230 Web Design and Development	3
CISC143 Essentials of Networking	4	CSIT 220 Data Communication Networks	(3) 4*
CISC213 Computer Science III	4	CSC 290 Intro to Data Structures and Algorithms	4
Mathematics: MATH121 Discrete Math	3	MTH 302 Foundations of Mathematics	3
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COMM110 Effective Speaking	3	COM 150 Presentation Skills	3
CISC215 Database Design and Development	3	CSC 240 Database Management Systems	3
Electives: see recommendations	7	Credit given depends on course(s) taken	7
<b>MINIMUM CREDITS NEEDED TO EARN A.S.</b>	<b>61</b>		

**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](http://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.A. in Computer Science at La Salle, seven should be completed at Bucks in order to finish the CSC-B.A. major in two years at La Salle, given a fall start term: CISC115, CISC122, CISC 213, CISC215, CISC143, MATH121 and MGMT230.
- 2) At Bucks, CISC143 has a prerequisite of CISC128 or permission of the department. If the student takes CISC128 it will transfer as elective credit and will not count toward the major-level requirements.
- 3) For one of the **Mathematics Electives**, it is recommended to take MATH121, which satisfies a major-level requirement.
- 4) The combined material in CISC115, CISC122, CISC213 and MATH121 is equivalent to that of La Salle's CSC 230, CSC 280, CSC 290, MATH 260, and MTH 261. Therefore, a student needs to take all four of these courses in order to receive credit for or be waived from these five courses at La Salle. Hence, a student transferring would receive credit for CSC 230, CSC 280, CSC 290, and MTH 260 and then be waived from MTH 261. To compensate for the removal of MTH 261, a student will need to take an additional CSC major-level elective at La Salle.

**Notes for Dual Admission Applicants:**

- 1) Dual Admission applications must be completed on La Salle University's website, [www.lasalle.edu](http://www.lasalle.edu), before 45 college credits are earned. Applications are free.
- 2) Bucks transcripts must be submitted at the time of admission review.
- 3) Final official transcripts must be sent as soon as the final semester is completed and associate's degree conferred.
- 4) Students must uphold a grade point average of 2.5 or higher to qualify for Dual Admission.
- 5) 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) Additional courses beyond the associate degree can be taken at Bucks to meet program requirements at La Salle.
- 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](mailto:admiss@lasalle.edu), 215 951 1500

**Bucks County Community College**

Transfer Services 215 968 8031

## Requirements for Completion of B.A. or B.S., Computer Science major, at La Salle University

### For the B.A.:

Number of major courses required for graduation: 18  
 Total number of courses required for graduation: 39  
 Number of major credits required for graduation: 57  
 Total number of credits required for graduation: 120

### For the B.S.:

Number of major courses required for graduation: 21  
 Total number of courses required for graduation: 38  
 Number of major credits required for graduation: 70  
 Total number of credits required for graduation: 121

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 a B.A. in this major no more than 9 of the required major courses will be satisfied by transfer coursework and for the B.S., no more than 10.

Required Major Courses at La Salle	Equivalent at Partner School	Notes
<b>Required for both B.A. and B.S.:</b>		
CSIT 220 Data Communication Networks	CISC143 Essentials of Networking	Required for A.S.
CSC 230 Program'g Concepts & User Interfcs	CISC115 Computer Science I*	Required for A.S.
CSC 240 Database Management Systems	CISC215 Database Design & Developm't	Required for A.S.
CSC 280 Object Programming	CISC122 Computer Science II*	Required for A.S.
CSC 290 Intro to Data Structures & Algorithms	CISC213 Computer Science III*	Required for A.S.
CSC 301 Computer Architecture		
CSC 381 Software Engineering		
CSC 481 Project Implementation		
One CSC elective, 300-level or higher	CISC211= CSC Elective	Elective**
One CSC or CSIT elective, 300-level or higher		
MTH 260 Discrete Structures I	MATH121 Discrete Math*	Math Elective
MTH 261 Discrete Structures II	Waived, but replace by an additional CSC major-level elective*	See footnote*
PHY 201 Computer Electronics		
<b>Additional requirements for B.A.:</b>		
CSC 340 .NET Programming		
1 of: CSC 366, 457, 464		
1 of: CSC 341, 343, 349, 366, 456, 457, 464	CISC135=CSC 349 Mobile Computing	Elective**
BUS 101 or 203	MGMT230 =BUS 203	Elective**
1 of: BUS 101, 203, 206, 303; ACC 201; MGT 307, 311, 312, 353-357		
<b>Additional requirements for B.S.:</b>		
CSC 366 Language Theory and Design		
CSC 457 Operating Systems		
CSC 464 Theory of Algorithms		
One of: CSC 340, 341, 343, 349	CISC135=CSC 349 Mobile Computing	Elective**
MTH 120 Calculus I	MATH140 Calculus I	Math Elective

One of: MTH 121, MTH 240 or ECN 213	MATH 141=MTH 121; MATH260=MTH 240 MATH115=ECN 213	Elective**
PHY 105 General Physics I	PHYS106 or PHYS121	Elective**
PHY 106 General Physics II	PHYS107 or PHYS122	Elective**

\*The combined material in CISC115, CISC122, CISC213 and MATH121 is equivalent to that of La Salle's CSC 230, CSC 280, CSC 290, MATH 260, and MTH 261. Therefore, a student needs to take all four of these courses in order to receive credit for or be waived from these five courses at La Salle. Hence, a student transferring would receive credit for CSC 230, CSC 280, CSC 290, and MTH 260 and then be waived from MTH 261. To compensate for the removal of MTH 261, a student will need to take an additional CSC major-level elective at La Salle.

\*\*Only two general electives are required for this A.S. Additional courses may be completed at Bucks, but at least half of the major requirements must be completed 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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