Bucks County Community College (Bucks) & La Salle University
Transfer Guide for COMPUTER SCIENCE (1103) (A.S.) at Bucks
to COMPUTER SCIENCE (B.S.) at La Salle University

BUCKS COURSE	CRS.	LA SALLE UNIVERSITY EQUIV. COURSE / AREA SATISFIED	CRS.
CISC110 Intro to Information Systems	3	Satisfies Computer Science Core Qualifier	3
CISC115 Computer Science I	4	CSC 230 Programming Concepts and User Interfaces	4
COMP110 English Composition I	3	ENG 110 College Writing I: Persuasion	3
MATH140 Calculus I	4	MTH 120 Calculus and Analytic Geometry I	4
CISC113 Visual Basic Programming I	3	Elective credit	3
CISC122 Computer Science II	4	CSC 280 Object Programming	4
COMP111 English Composition II	3	ENG 210 College Writing II: Research	3
MATH141 Calculus II	4	MTH 221 Calculus and Analytic Geometry II	4
CISC213 Computer Science III	4	290 Intro to Data Structures and Algorithms	4
Computer Science Elective: take CISC143 Essentials of Networking *(see advising note #4 on reverse side)*	3	CSIT 220 Data Communication Networks	3
MATH121 Discrete Mathematics	3	MTH 260 Discrete Structures I – *see advising note #5 on reverse*	3
Science Elective: choose PHYS121 Physics I	4	PHYS121 satisfies PHY 105 General Physics I, a requirement at La Salle for this major	4
Social Science*:* PSYC110, SOCI110, POLI111 or ECON111	3	Transferable credit	3
CISC215 Database Design & Application Devpmt	3	CSC 240 Database Management Systems	3
COMM110 Effective Speaking	3	COM 150 Presentation Skills	3
Computer Science Elective	3	Seek advisement	3
Science Elective: choose PHYS122 Physics II	4	PHYS122 satisfies PHY 106 General Physics II, a requirement at La Salle for this major	4
Arts/Humanities: choose PHIL125 Basic Problems of Philosophy or HUMN120 Survey of World Religions	3	PHIL125 satisfies Philosophy Core Qualifier and HUMN120 satisfies Religion Core Qualifier *(see advising notes for Dual Admission on reverse side)*	3
TOTAL BUCKS CREDITS	61	TOTAL CREDITS TRANSFERABLE TO LA SALLE	61

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 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 Bucks County Community College. In order to meet the requirements of La Salle's Core, students must take **CORE Qualifiers –** one Philosophy course and one Religion course – at La Salle if they have not taken courses at Bucks that will fulfill these requirements. See recommendations on the reverse side under "Advising Notes Related to Core Qualifiers" for which specific Bucks courses will fulfill these requirements.

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).

IMPORTANT NOTES ON OTHER SIDE

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Advising Notes Related to Core Qualifiers – *For Dual Admission Students*:

1) If students choose to take PHIL125 it will satisfy the **Arts/Humanities** requirement for this major and also meets the Philosophy Core Qualifier at La Salle. Any Philosophy (PHIL) course at Bucks satisfies La Salle's Philosophy Core Qualifier.
2) If students choose to take HUMN120 it will satisfy the **Arts/Humanities** requirement for this major, and also meets the Religion Core Qualifier at La Salle. Other Religion courses at Bucks that satisfy La Salle's Religion Core Qualifier are HUMN121, HUMN122, HUMN125, HUMN127, HUMN128, and HUMN129.

Advising Notes Related to Major Course Requirements:

1) Of the 21 major-level courses required for a B.S. in Computer Science at La Salle, these ten should be completed at Bucks in order to finish in two years at La Salle, given a fall start term: CISC115, CISC122, CISC143, CISC213, CISC215, MATH121, MATH140, MATH141, PHYS121, PHYS122.
2) Both MATH140 and MATH141 should be taken at Bucks. While the combined content of 140/141 is equivalent to MTH 120/121 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.
3) For the **Science Electives** required for the Computer Science A.A., it is recommended to take PHYS121 and PHYS 122, fulfilling major-level requirements at La Salle.
4) For the **Computer Science Electives**, it is recommended that students take CISC143 Essentials of Networking, in order to satisfy CSIT 220 Data Communication Networks, a requirement in the major at La Salle. 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.
5) 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 MATH 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.

Additional Notes:

1) The maximum number of credits that a student may transfer to La Salle is 70. Additional courses beyond the Associate degree can be taken at Bucks to meet program requirements at La Salle.
2) **A transfer student must complete at least half the major courses at La Salle.**
3) 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.

FOR FURTHER INFORMATION CONTACT:

La Salle University
    School of Arts and Sciences, 215 951 1042   Julie Valenti, Assistant Dean, valenti@lasalle.edu
    Transfer Admission, 215 951 1400   Christina Foley, Assistant Director, foleyc@lasalle.edu

Bucks County Community College
    Transfer Services 215 968 8031

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