

**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 /<br>AREA SATISFIED                                | CRS. |
|---|------|--|------|
| CISC110 Intro to Information Systems  | 3    | CSC 151 Intro to computing using packages  | 3    |
| CISC115 Computer Science I  | 4    | CSC 230 Programming Concepts and User Interfaces                                     | 4    |
| 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    |
| MATH140 Calculus I  | 4    | MTH 120 Calculus 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 121 Calculus II  | 4    |
|   |      |  |      |
| CISC213 Computer Science III  | 4    | 290 Intro to Data Structures and Algorithms  | 4    |
| Computer Science Elective: take CISC143<br>Essentials of Networking   | 3    | CSIT 220 Data Communication Networks ( <i>see advising note #4 on reverse side</i> ) | 3    |
| MATH121 Discrete Mathematics  | 3    | MTH 260 Discrete Structures I ( <i>see advising note #5 on reverse</i> )             | 3    |
| Science Elective: choose PHYS121 Physics I  | 4    | PHY 105 General Physics I  | 4    |
| Social Science  | 3    | Credit given depends on course taken   | 3    |
|   |      |  |      |
| CISC215 Database Design & Application Devlpmt   | 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    | PHY 106 General Physics II   | 4    |
| Arts/Humanities (Please note, not transferable:<br>COMT103, CULN130, CULN132, MUSC124,<br>VAFA107, VAFA161, VAFA181, VAFW100,<br>VAPH151) | 3    | Credit given depends on course taken   | 3    |
| <b>MINIMUM CREDITS NEEDED TO EARN A.S.</b>  |      | <b>62</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).

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**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) 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) 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.
- 2) 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.
- 3) The maximum amount of transfer credits awarded cannot exceed 70.
- 4) At least half of the courses required by the major department (i.e., major requirements) must be completed at La Salle.
- 5) For the general Electives, please note that pre-college level courses do not meet this requirement. Please seek advisement on course selection and transferability.
- 6) For admission review, official transcripts must be sent from all previous colleges attended.
- 7) 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.
- 8) 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.
- 9) Non-Dual Admission students should seek advisement on General Education Elective courses that will satisfy the La Salle Core.
- 10) 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.S., Computer Science major, at La Salle University

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 this major no more than 10 of the required major courses will be satisfied by transfer coursework.

| Required Major Courses at La Salle            | Equivalent at Partner School                  | Notes                 |
|---|---|-----------------------|
| CSIT 220 Data Communication Networks          | CISC143 Essentials of Networking              | Computer Sci Elective |
| CSC 230 Programming Concepts & User Interfcs  | CISC115 Computer Science I                    | Required for A.S.     |
| CSC 240 Database Management Systems           | CISC215 Database Design & Application Devlpmt | 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 366 Language Theory and Design            |   |                       |
| CSC 381 Software Engineering                  |   |                       |
| CSC 457 Operating Systems                     |   |                       |
| CSC 464 Theory of Algorithms                  |   |                       |
| CSC 481 Project Implementation                |   |                       |
| One of: CSC 340, 341, 343, 349                |   |                       |
| One CSC elective, 300-level or higher         |   |                       |
| One CSC or CSIT elective, 300-level or higher |   |                       |
| MTH 120 Calculus I                            | MATH140 Calculus I                            | Required for A.S.     |
| One of: MTH 121, MTH 240 or ECN 213           | MATH141=MTH 121                               | Required for A.S.     |
| MTH 260 Discrete Structures I                 | MATH121 Discrete Mathematics                  | Required for A.S.     |
| MTH 261 Discrete Structures II                |   |                       |
| PHY 105 General Physics I                     | PHYS121 Physics I                             | Science Elective      |
| PHY 106 General Physics II                    | PHYS122 Physics II                            | Science Elective      |
| PHY 201 Computer Electronics                  |   |                       |

#### 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.