## Long Beach City College
### 2023-2024

This list includes only the requirements that are commonly seen in transfer and is not a comprehensive list of all the course requirements within the BS Competency-Based Information Technology program. For a complete list of program requirements, please refer to the University of Massachusetts Global catalog.

Further information regarding the courses below can be found in the University of Massachusetts Global Course Articulation Database (CAD).

**All courses must be taken for a grade of B- or higher in order to apply toward competencies. Courses may be used to fulfill both major and general education requirements.**

| University of Massachusetts Global Course | | Equivalent Courses | Equivalent Competencies |
|---|---|---|---|
| **General Education** | | | |
| ENGU 103 | Freshman Rhetoric | ENGL 1, 1H | ENGC 103 |
| ENGU 104 | Writing about Literature | ENGL 2, 3, 3H, 4H | ENGC 104 |
| COMU 101 | Public Speaking I | COMM 10, 10H | COMC 101 |
| COMU 410 | Organizational Communication | No Comparable Course(s) | COMC 410 |
| MATU 103 | Applied Mathematics | No Comparable Course(s) | MATC 103 |
| MATU 203 | Introduction to Statistics | MATH 21B<br>STAT 1, 1H | MATC 203 |
| Humanities | Any 9 Credits of Humanities | ART 1, 1H, 2, 2H, 3, 4, 5, 9, 10, 11<br>CHIN 1, 2<br>COMM 10*, 10H*, 20*, 25*, 30, 31, 40, 45, 50, 60<br>*Cannot double count with Basic Skills Requirements<br>DANCE, 1, 19<br>ENGL 6, 7, 15, 16, 17, 24, 26, 32, 33, 33H, 34, 35, 36, 37, 38, 39, 41, 42, 43A, 43B, 44, 44H, 45, 45H, 46, 47, 48, 48H, 49, 49H, 50A, 50B, 51A, 51B, 52A, 52B, 53A<br>FILM 1, 2A, 2B, 10, 11, 40<br>FREN 1, 1C, 2, 2C, 3, 4, 25A<br>GER 1, 2<br>HUMAN 1, 1H, 7<br>ITAL 1, 1C, 2, 2C<br>JAPAN 1, 2, 3, 4 | PHLC 110<br>HUMC 110, 115 |

| | General Education | | | |
|---|---|---|---|---|

| | | KHMER 9, 10<br>LING 1, 1H, 3, 3H<br>MUSIC 1A, 1B, 2A, 6, 32, 33B, 35, 40, 40H, 89<br>PHIL 1, 1H, 3, 4, 5, 6, 6H, 7, 7H, 8, 9, 10, 10H, 11, 12, 14, 15, 22<br>PHOT 10<br>R_TV 1, 4, 8, 21, 37<br>SPAN 1, 1H, 2, 2H, 3, 4, 8, 9, 9H, 10, 10H, 25A, 25B, 25C, 25D | |
|---|---|---|---|
| Natural Sciences | Any 6 Credits of Natural Sciences | ANAT 1, 41<br>ANTHR 1, 1H, 1L, 11<br>ASTR 1, 1H, 1L<br>BIO 1A, 1B, 2, 5, 11, 20, 20H, 22, 25, 30, 31, 41, 41L, 41H, 60, 60L, 61<br>CHEM 1A, 1B, 2, 3, 4, 12A, 12B<br>ENVRS 1<br>GEOL 1, 1H, 2, 2L, 3, 3H, 5, 10, 17, 18, 20<br>PGEOG 1, 1L, 2<br>PHYS 2A, 2B, 3A, 3B, 3C, 4 | NSCC 115, 110 |
| Social Sciences | Any 9 Credits of Social Sciences | ADJUS 2, 3, 4, 5, 6, 8, 10, 14, 16, 17, 19, 20, 40, 45, 255<br>ANTHR 2, 2H, 3, 3H, 4, 10<br>ECON 1, 1H, 2, 2H, 3, 4, 5<br>EDUC 6, 20<br>HIST 1A, 1AH, 1B, 1BH, 2B, 2C, 2CH, 7, 8A, 8AH, 8B, 8BH, 9A, 9B, 9C, 10, 10H, 11, 11H, 18, 27A, 27B, 33, 47<br>HLED 10, 22<br>MGMT 58, 60<br>MKTG 41, 47<br>POLSC 1, 1H, 2, 2H, 3, 4, 4H, 9, 10, 11<br>PSYCH 1, 1H, 2, 4, 6, 10, 11, 11H, 14, 33<br>SW 1 | SOSC 110, 115 |
| LBSU 302 & LBSU 304 | Information Fluency and Academic Integrity & Liberal Arts Core Foundations | Cannot be satisfied in transfer | LBSC 320 & 321 |

| Information Technology Core | | | |
|---|---|---|---|
| CSCU 251 | Introduction to Computing Systems Organization | No Comparable Course(s) | CSCC 251 |
| CSCU 408 | Database Management | No Comparable Course(s) | CSCC 408 |
| CSCU 200 | Introduction to Computers and Data Processing | COSA 30, 50 | CSCC 200 |

| Information Technology Core | | | |
|---|---|---|---|
| CSCU 270 | Information Systems Security | COSS 71 | CSCC 270 |
| OLCU 350 | Leadership and Professional Ethics | PHIL 16 | OLCC 350, 355 |

| Degree Requirements & Concentrations |
|---|
| BS Competency Information Technology consists of 13 General Education competencies, 18 Information Technology (IT) Core competencies and 8 emphasis Area competencies.<br><br>Students may choose from the following emphases:<br><br>1. Data Science<br>2. Information Technology Generalist<br><br>While it is possible for transfer coursework to meet competency requirements within these emphasis areas, that coursework must be reviewed by an academic dean within the School of Business and Professional Studies, to determine transferability. |