

# FRANKLIN UNIVERSITY - COMPLETION GUIDE

## Bachelor's Degree - COMPUTER SCIENCE

130 Semester/195 Quarter Credit Hours

Effective Fall 2007 - Summer 2008

This document is an unofficial, informational guide.

Please review your Academic Evaluation and contact your SSA with any questions.

### COMMUNITY COLLEGE BRIDGE COURSES

These courses may have prerequisites. Franklin University course is in parentheses.

#### General Education Bridge

- |                                                                                 |                                                                                     |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input type="checkbox"/> Speech/Interpersonal Communication (SPCH 100/COMM 150) | <input type="checkbox"/> Science Requirement                                        |
| <input type="checkbox"/> College Writing (COMM 120)                             | <input type="checkbox"/> Social/Behavioral Science Requirement                      |
| <input type="checkbox"/> Business Prof Communication (COMM 320)                 | <input type="checkbox"/> Introduction to Spreadsheets (COMP 106)                    |
| <input type="checkbox"/> College Algebra (MATH 160)                             | <input type="checkbox"/> Introduction to Databases (COMP 108)                       |
| <input type="checkbox"/> Statistical Concepts (MATH 215)                        | <input type="checkbox"/> Introduction to Web Authoring (COMP 107)                   |
| <input type="checkbox"/> Calculus (MATH 180)                                    | <input type="checkbox"/> Fundamental Algebra (Algebra Competency MATH 150)          |
| <input type="checkbox"/> Humanities Requirement                                 | <input type="checkbox"/> General Education Electives (Based on Official Evaluation) |

#### Major Area Bridge

- |                                                                                      |                                                                     |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="checkbox"/> Discrete Mathematics (MATH 170)                             | <input type="checkbox"/> Principles of Operating Systems (COMP 203) |
| <input type="checkbox"/> Intro to Comp Science & Obj-Oriented Programming (COMP 111) | <input type="checkbox"/> Principles of Computer Networks (COMP 204) |
| <input type="checkbox"/> Obj-Oriented Data Structure & Algorithms I (COMP121)        | <input type="checkbox"/> Survey of Computer Languages (COMP 205)    |
| <input type="checkbox"/> Principles of Computer Organization (COMP 201)              | <input type="checkbox"/> Database Management Systems (COMP 281)     |
| <input type="checkbox"/> Principles of Computer Languages (COMP 202)                 |                                                                     |

#### Elective Bridge Courses

Non-Developmental level courses taken at your community college and not applied directly toward another Bridge requirement will be applied to this area. **An official evaluation of transfer credit will determine the need for electives.** If you need additional courses please select business or computer related courses from those offered at your community college. **Please see your Franklin University SSA for approval prior to taking the course.**

### FRANKLIN UNIVERSITY COURSES

#### Completion (40 Semester Hours)

The following courses are available online and must be taken through Franklin's Community College Alliance program. All students must take Franklin's orientation course, PF 321 Learning Strategies, prior to other online courses at Franklin. **It is recommended to take PF 321 before beginning Bridge courses at your community college.** You will be required to meet the curriculum established at the time you declare a major in writing and complete PF 321.

#### Professional Foundations (6 Semester Hours)

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|-----------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> PF 321 Learning Strategies | <input type="checkbox"/> PF 305 Global Issues |
|-----------------------------------------------------|-----------------------------------------------|

#### Major Area (40 Semester Hours)

- |                                                                                   |                                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> COMP 294 Computer Science Practicum I                    | <input type="checkbox"/> COMP 486 Object-Oriented Analysis and Design     |
| <input type="checkbox"/> COMP 311 Object-Oriented Data Structures & Algorithms II | <input type="checkbox"/> COMP 495 Computer Science Practicum III/Capstone |
| <input type="checkbox"/> COMP 321 Application Server Programming                  | <input type="checkbox"/> MIS 300 Management Information Systems           |
| <input type="checkbox"/> COMP 325 Human Computer Interactions                     | <input type="checkbox"/> MIS 320 Technical Communication                  |
| <input type="checkbox"/> COMP 394 Computer Science Practicum II                   | <input type="checkbox"/> MIS 484 Information Systems Security             |
| <input type="checkbox"/> COMP 461 Enterprise Software Architecture                |                                                                           |

#### University Electives

Credits needed for the 40 credits of Franklin University residency will vary pending transfer of any of the major area required classes.