

FRANKLIN UNIVERSITY - COMPLETION GUIDE

Bachelor's Degree - COMPUTER SCIENCE

130 Semester/195 Quarter Credit Hours

Effective Fall 2008 - Summer 2009

**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

Communications Area - Minimum of 8 semester/12 quarter hour(s) required for the following three courses combined:

Speech/Interpersonal Communication (SPCH 100/COMM 150)

College Writing (COMM 120)

Business and Professional Communication (COMM 320)

Other General Education Requirements - Minimum of 2.67 semester/4 quarter hour(s) required for each of the following:

Science Requirement

Social/Behavioral Science Requirement

Humanities Requirement

College Algebra (MATH 160)

Applied Calculus (MATH 180)

Probability and Statistics (MATH 380)

General Education Computer Skills - Minimum of 0.67 semester/1 quarter credit hour(s) required for each of the following:

Introduction to Web Authoring (COMP 107)

Introduction to Databases (COMP 108)

Electives and Other Requirements

General Education Electives (Based on Official Evaluation)

Fundamental Algebra (Algebra Competency MATH 150)

MAJOR AREA BRIDGE

****Minimum of 2.67 semester/4 quarter credit hour(s) required for each of the following:**

Introduction to Computer Science & Object-Oriented Programming (COMP 111)

Object-Oriented Data Structure & Algorithms I (COMP 121)

Survey of Computer Languages (COMP 205)

Database Management Systems (COMP 281)

Discrete Mathematics (MATH 170)

****Minimum of 1.33 semester/2 quarter credit hour(s) required for each of the following:**

Principles of Computer Organization (COMP 201)

Principles of Computer Languages (COMP 202)

Principles of Operating Systems (COMP 203)

Principles of Computer Networks (COMP 204)

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 to meet the hours required for your Bachelor's degree, please select business or computer related courses from those offered at your community college. Other courses may be acceptable in this area. **Please see your Franklin University SSA for approval prior to taking the course.**

FRANKLIN UNIVERSITY COURSES

COMPLETION (46 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)

- PF 321 Learning Strategies
- PF 305 Global Issues

MAJOR AREA (40 SEMESTER HOURS)

- COMP 294 Computer Science Practicum I
- COMP 311 Object-Oriented Data Structures & Algorithms II
- COMP 321 Application Server Programming
- COMP 325 Human Computer Interactions
- COMP 394 Computer Science Practicum II
- COMP 461 Enterprise Software Architecture
- COMP 486 Object-Oriented Analysis and Design
- COMP 495 Computer Science Practicum III/Capstone
- MIS 310 Information Systems Architecture and Technology
- MIS 320 Technical Communication
- MIS 484 Information Systems Security

UNIVERSITY ELECTIVES

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

Transfer Credit Deficiency

If after meeting each course requirement, there is a deficiency in a specific transfer area, use the following guidelines to determine which course to take. If you have questions about how a course will transfer, please contact your Student Services Associate at Franklin University.

- Communication and Writing..... Select from courses in Written and Oral Communications.
- Science/Humanities/Social & Behavioral Science. Select from additional courses in the same category.
- Business Core..... Select from courses in Accounting, Business, Finance, Leadership, Management and Marketing, which are not required for your degree
- Major Area..... Select from approved courses that are at a 300-400 level, which are not required for your degree.

Legend:

- 6 Quarter credit hours = 4 Semester credit hours*
- 5 Quarter credit hours = 3.33 Semester credit hours*
- 4 Quarter credit hours = 2.67 Semester credit hours*
- 3 Quarter credit hours = 2 Semester credit hours*
- 2 Quarter credit hours = 1 Semester credit hours*
- 1 Quarter credit hours = 0.67 Semester credit hours*

Completed 8/25/2008
Revised