

FRANKLIN UNIVERSITY - COMPLETION GUIDE

Bachelor's Degree - COMPUTER SCIENCE

130 Semester Credit Hours

Effective Winter 2010 - Summer 2010

This document is an **unofficial, informational** guide.

Please review Franklin University's **ACADEMIC BULLETIN** for transfer policies and degree requirements.

For an official transfer degree audit, complete Franklin University's **FREE** application.

COMMUNITY COLLEGE COURSES

GENERAL EDUCATION CORE

- | | | | |
|--------------------------|--|--------------------------|---|
| <input type="checkbox"/> | College Writing (ENGL 101 and 102, or ENGL 111) | <input type="checkbox"/> | Speech or Interpersonal Communication (COMM 105 or COMM 110) |
| <input type="checkbox"/> | Science Area (with a laboratory component) | <input type="checkbox"/> | Business Communication (COMM 200) |
| <input type="checkbox"/> | Science Area (laboratory component not required) | <input type="checkbox"/> | Introduction to Web Authoring (IMMT 262) |
| <input type="checkbox"/> | Social/Behavioral Science Area | <input type="checkbox"/> | Introduction to Database (CIT 101) |
| <input type="checkbox"/> | Social/Behavioral Science Area (discipline different from above) | <input type="checkbox"/> | Applied Calculus (MATH 180) |
| <input type="checkbox"/> | Arts and Humanities Area | <input type="checkbox"/> | Mathematics (MATH 135 or MATH 148 or MATH 150 - or MATH 180 will also fulfill this requirement) |
| <input type="checkbox"/> | Arts and Humanities Area | <input type="checkbox"/> | Algebra Competency (MATH 104 or Algebra II w/C or better from high school) |

MAJOR AREA BRIDGE

- | | |
|--------------------------|--|
| <input type="checkbox"/> | Introduction to Computer Science & Object-Oriented Programming (CIT 169 and CIT 269) |
| <input type="checkbox"/> | Principles of Computer Networks (CIT 250) |
| <input type="checkbox"/> | Database Fundamentals (CIT 173 and CIT 273) |

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 (70 SEMESTER HOURS)

It is recommended to take PF 321 before beginning any Community College course work after the conclusion of your Associate Degree.

PROFESSIONAL FOUNDATIONS/GENERAL EDUCATION (14 SEMESTER HOURS)

- | | | |
|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | PF 321 Learning Strategies | *** must be taken prior to the start of all other Franklin courses |
| <input type="checkbox"/> | HUMN 305 Global Issues | |
| <input type="checkbox"/> | MATH 170 Discrete Mathematics | |
| <input type="checkbox"/> | MATH 380 Probability and Statistics | |

MAJOR AREA (56 SEMESTER HOURS)

- | | |
|--------------------------|--|
| <input type="checkbox"/> | COMP 121 Object-Oriented Data Structure & Algorithms I |
| <input type="checkbox"/> | COMP 201 Principles of Computer Organization |
| <input type="checkbox"/> | COMP 202 Principles of Computer Languages |
| <input type="checkbox"/> | COMP 203 Principles of Operating Systems |
| <input type="checkbox"/> | COMP 205 Survey of Computer Languages |
| <input type="checkbox"/> | COMP 294 Computer Science Practicum I |
| <input type="checkbox"/> | COMP 311 Object-Oriented Data Structures & Algorithms II |
| <input type="checkbox"/> | COMP 321 Application Server Programming |
| <input type="checkbox"/> | COMP 325 Human Computer Interaction |
| <input type="checkbox"/> | COMP 394 Computer Science Practicum |
| <input type="checkbox"/> | COMP 461 Enterprise Software Architecture |
| <input type="checkbox"/> | COMP 486 Object-Oriented Analysis & Design |
| <input type="checkbox"/> | COMP 495 Computer Science Practicum III/Capstone |
| <input type="checkbox"/> | MIS 310 Information Systems Architecture & Technology |
| <input type="checkbox"/> | MIS 320 Technical Communication |
| <input type="checkbox"/> | MIS 484 Information Systems Security |