



Certificate Planning Chart

*Key to course frequency & formats: x traditional; ● online; # traditional & online

Prerequisites: Before applying to this program, students should have completed 1) a college algebra class and 2) an introductory information systems course or a programming course (recommended courses: INFSCI 0010 Introduction to Information, Systems, and Society, CS 0007 Introduction to Programming with Java, CS 0008 Introduction to Computer Programming with Python, or CS 0004 Introduction to Computer Programming with Visual Basic), earning a C or better in both.

Table with columns: Course ID, Course Name, Credits, Frequency (Cr, F, Sp, Su), Term Taken, Grade Earned. Includes sections for CORE REQUIREMENTS (5 courses) and ELECTIVES (3 credits).

This 18-credit certificate is available as a standalone program to non-degree seeking students or it may be pursued in conjunction with another undergraduate degree.

Credits earned at other accredited educational institutions may be eligible for transfer. However, a minimum of 9 credits must be earned at the University of Pittsburgh.

Important! If you earn less than a "C" in any course, please contact your advisor!

Students must maintain at least 2.0 grade point average in all University certificate courses.



*Indicated course rotation is not guaranteed. See the Registrar's website for the most recent offerings.