

COMPUTER SCIENCE TEACHING MAJOR

(BS PROGRAM)



EDGEWOOD COLLEGE

2016-2017 Catalog

Declaration of Major

Name:

ID:

Major Advisor Approval:

Date:

Department Chair Approval:

Date:

Intended Graduation Month: January

August

May

Intended Graduation Year:

THIS FORM IS TO ADD/DECLARE A MAJOR. IF YOU WISH TO DROP/REMOVE A PREVIOUSLY DECLARED MAJOR, YOU MUST SUBMIT A SEPARATE MAJOR DECLARATION DROP FORM. THIS FORM IS AVAILABLE AT REGISTRAR.EDGEWOOD.EDU

The Computer Science Teaching Major is part of a program leading to a Wisconsin initial educator license to teach computer science at the Early Adolescence through Adolescence level (Ages 10-21).

Major Requirements:

Transfer credit applied (including AP/CLEP/etc):

Required Courses:

Course / Institution

CS 180		Introduction to Computing & Programming*	
CS 220		Introduction to Networking Technologies	
CS 270		Introduction to Database Structures	
CS 320A	K	Professional Issues in IS & IT*	
CS 340		Advanced Object Oriented Programming and Data Structures	
CS 430		Information Security and Network Management*	
CS 490		Topics in Computer Science*	

**Student without prior programming experience must take CS 170, IU; prior to CS 180. Otherwise, consent of the instructor is needed.

***Students without previous web programming experience MUST take CS 175; Proficiency may be demonstrated via proficiency exam


One of the following courses:

CS 105	I	Digital Life through Multimedia	
CS 150	I	Computer and Business Applications*	
CS 170	IU	Computer Animation, Gaming and 3D Virtual World (preferred)	

* course has a prerequisites

Two Elective Courses (to be determined by the department)

One Elective course in Education (to be determined by the department)



Policies:

For the completion of the Education Professional Requirements and licensure requirements for early adolescence through adolescence (see EDUCATION). A Computer Science Teaching major must be accepted to Emergent Professional Transition before being admitted to ED 459U; progress through transition steps is recommended as early as possible.

Due to the interactive nature of the Computer and Information Sciences curriculum, all students in the major and minor degrees are required to use a laptop computer throughout the duration of the program. To obtain specific information about the laptop computer configurations, students should contact the Chair of the Department.

A student must have a cumulative GPA of 2.5 or higher in CS 180, CS 270 and CS 220, or written consent of the department before he/she may declare a major in Computer Information Systems, Business/Computer Information Systems or Computer Science Teaching. A student must have a cumulative grade point average of 2.5 or higher in all computer science courses in order to earn a major in Computer Information Systems, Business/ Computer Information Systems or Computer Science Teaching.

A minimum of three computer courses in the majors at or at above the 300 level must be taken in the Computer and Information Systems department at Edgewood College.

Courses in computer science taken more than five years ago may not be accepted. Such courses are accepted at the discretion of the department. Any course requirement other than the minimum residency requirement and all 400-level courses, may be satisfied through examination, or Credit for Prior Learning. Courses in the department may not be taken as Pass/Fail. Courses in the Department of Computer and Information Systems may not be audited