

# COMPUTER SCIENCE, BS & MS FIVE YEAR PROGRAM

(Available to WFU undergraduate students)

Program Director William Turkett

## Overview

This program allows Wake Forest University undergraduates pursuing a B.S. degree in Computer Science to also complete an M.S. degree in Computer Science with one additional year of study. Admitted students begin computer science graduate coursework during their senior year, complete an approved internship the following summer, and then finish the remaining graduate coursework the following academic year. This program provides a unique combination of computer science graduate coursework and experiential learning in a professional setting, and it is an excellent option for students seeking a more industry-oriented career.

Applicants must be enrolled in and complete the B.S. degree in Computer Science at Wake Forest University. Students must apply for admission before the spring semester of their junior year and only after completing eighteen hours in the major that must include:

Code	Title	Hours
CSC 251	Computer Systems II	3
CSC 201	Data Structures and Algorithms	3
MTH 121	Linear Algebra I	3
or MTH 205	Introduction to Linear Algebra and Differential Equations	

Applicants must have a major and overall GPA of 3.25 or better at the time of application and undergraduate graduation. In addition, applicants must provide three recommendation letters (submitted via the Graduate School), two of which must be from Wake Forest University computer science faculty. The Graduate Record Examination (GRE) is not required for admission.

## Degree Requirements

In addition to completing the requirements for the B.S. degree in Computer Science (this includes completion with a major and an overall GPA of at least 3.25), the program requires the completion of thirty-three semester hours of graduate coursework. The coursework must include the nine-hour core consisting of:

Code	Title	Hours
CSC 631	Software Engineering	3
CSC 641	Operating Systems	3
CSC 721	Theory of Algorithms	3
<b>Total Hours</b>		<b>9</b>

Given the short duration of this program, the thirty-three hours of graduate coursework will be completed as follows: Admitted students must enroll in at least nine hours of computer science graduate coursework during their senior year. Students must also complete six hours of approved computer science graduate internship coursework during the summer following the completion of their undergraduate degree. The remaining eighteen hours of coursework will be completed during the next academic year and are selected from computer science

graduate courses with at least six of these hours from 700-level courses. Note the following courses cannot be used to complete this program:

Code	Title	Hours
CSC 791	Thesis Research I	1-9
CSC 792	Thesis Research II	1-9
CSC 795	Project	3

For additional degree requirements, see Requirements for Degrees (<https://bulletin.wfu.edu/graduate/requirements-degrees/>).