REGIS UNIVERSITY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

DEGREE PROGRAM

Within the context of social responsibility, this degree exposes students to a broad balance of computing theory and practice that prepares them with the greatest flexibility to work across a variety of professions and organizations. Students learn to expertly design and implement computational solutions that can be used to tackle the world's most challenging social, scientific, and business problems. This degree provides the most breadth and depth experience related to software development, programming, and computational thinking. The B.S. in Computer Science degree program is accredited by the Computing Commission of ABET, www.abet.org.

DEGREE REQUIREMENTS

Courses are offered online and in the classroom

General Core Studies (45 credit hours)

- MT 201 – College Algebra
- Natural Science (3 credit hours)

Foundational Major Courses (32 credit hours)

- CS 202 – Computational Foundations
- CS 210 – Introduction to Programming
- CS 310 – Data Structures
- CS 372 – Advanced Programming & Algorithms

Platform-Based Development & DB Requirement

- CS 336 – Web and Database Applications AND/OR
- CS 338 – Mobile and Enterprise Computing

Mathematics Requirements (11 credit hours)

- MT 320 – Discrete Mathematics
- MT 360A – Calculus I
- MT 360B – Calculus II

Statistics Requirement (3 credit hours)

- MT 270 – Introduction to Statistics OR
- MT 470 – Mathematical Statistics I

Lower Division CS Elective (3 credit hours)

Upper Division Major Courses (33 credit hours)

- CS 390 – Principles of Programmming Languages
- CS 430 – Operating Systems
- CS 440 – Computer Architecture
- CS 444 – Software Engineering
- CS 475 – Computation Theory
- CS 479 – Ethical Leadership in Computer Science

Intelligent Systems Requirement

- CS 464 – AI: Neural Networks AND/OR
- CS 473 – Artificial Intelligence

Upper Division Mathematics

- MT 405 – Numerical Methods OR
- MT 415 – Linear Algebra OR
- MT 463 – Differential Equations

CS Elective Concentration (9 credit hours)

Contact your Admissions Counselor for a complete list of approved mathematics and computing courses

Natural Science Lab Requirement (8 credit hours)

- Natural Science and Lab I (e.g. Biology)
- Natural Science and Lab II (e.g. Geology)

General Electives (10 credit hours)

Total Degree Requirements = 128 credit hours

ADMISSION REQUIREMENTS

- Completed application with $50.00 fee
- Official transcripts from prior college(s)
- Prior college credit or equivalent work experience

To start your application and learn about additional admission requirements, visit Regis.edu/CCIS.

TUITION (2015-16 ACADEMIC YEAR)

- Classroom tuition: $470 per credit hour
- Online tuition: $470 per credit hour

FINANCIAL AID

In 2013-2014, Regis University provided more than $142 million in federal, state and institutional financial aid to its eligible students. To learn more about financial aid options, contact the Financial Aid Office at 800.568.8932 or visit regis.edu/financialaid.

START DATES (2015-16 ACADEMIC YEAR)

Courses are offered in 5- and 8-week formats

- Fall 8W1 08/24/2015
- Fall 5W1 08/24/2015
- Fall 5W2 09/28/2015
- Fall 5W3 11/02/2015

GET STARTED TODAY

Working with you one-on-one, your Regis admissions counselor can help you decide which program is the best fit for your goals, what options can save you time and money and assist with the online application process.

800.944.7667 ruadmissions@regis.edu
regis.edu/CCIS

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