REGENT UNIVERSITY

COLLEGE OF ARTS & SCIENCES
Bachelor of Science in Computer Science
Spring and Summer Approved Degree Worksheet

GENERAL EDUCATION REQUIREMENTS (33-35 CREDITS)

Biblical Worldview: All Required

- ☐ GENE 100 The Making of a Christian Mind (3)
- ☐ GENE 402 The Making of a Christian Leader (3)

Communication: 6 credits

- ☐ COMM 110 Public Speaking (3)[1]
- ☐ UNIV 100 Regent Foundations of Success (3)[2]
- ☐ ENGL 101 English Composition (3)

Critical Thinking & Moral Reasoning: 6 credits

- ☐ ENGL 102 Research & Academic Writing (3)
- ☐ GENE 250 The Making of the Christian Life (3)

Cultural Foundations - Literature: 3 credits

- ☐ ENGL 205 Literature of the Western World (3)

Cultural Foundations - Economics: 3 credits

- ☐ ECON 120 Microeconomics (3)*

Cultural Foundations - U.S. History or Government: 3 credits

- ☐ HIST 201 U.S. History I (to 1877) (3)
- ☐ HIST 202 U.S. History II (from 1877) (3)
- ☐ GOVT 201 The American Republic (3)

Quantitative & Scientific Literacy - Math: 3-4 credits

- ☐ MATH 220 Discrete Math (3)*

Quantitative & Scientific Literacy - Natural Science: 3-4 credits

- ☐ BIOL 101 Introduction to Biology with Laboratory (4)
- ☐ BIOL 121 General Biology I (4)
- ☐ BIOL 201 Human Anatomy and Physiology I (4)
- ☐ BIOL 240 Ecology (3)
- ☐ CHEM 100 Introduction to Chemistry (3)
- ☐ EASC 101 Intro to Earth Science w/Lab (4) Online only
- ☐ PHYS 101 Physics for Future Leaders (3)
- ☐ PHYS 221 University Physics I (4)

* Required for the Computer Science Major

[1] COMM 110 must be taken by on campus students

[2] UNIV 100 must be taken by online students

MAJOR & GENERAL ELECTIVE REQUIREMENTS

Computer Science Math Requirements (15 credits)

- ☐ MATH 211 Calculus I (4) ^
- ☐ MATH 212 Calculus II (4) ~
- ☐ MATH 213 Calculus III (4)
- ☐ MATH 230 Linear Algebra (3)

Info Systems Technology Core Requirements (10 credits)

- ☐ ISYS 214 Introduction to Programming (4)
- ☐ ISYS 231 Intro to Information Systems Security (3)
- ☐ ISYS 324 Network & Telecommunication Concepts (3)

Computer Science Core Requirements (30 credits)

- ☐ CSCI 201 Introduction to Computer Science (3)
- ☐ CSCI 210 Computer Architecture (3)
- ☐ CSCI 220 Operating Systems (3)
- ☐ CSCI 233 Computer Science Ethics (3)
- ☐ CSCI 314 Programming (3)
- ☐ CSCI 315 Data Structures & Algorithms (3)
- ☐ CSCI 317 Database Management Systems (3)
- ☐ CSCI 320 Parallel and Distributive Programming (3)
- ☐ CSCI 430 Mobile and Smart Computing (3)
- ☐ CSCI 450 Software Engineering (3)

General Electives

Select any 100-400 level course(s) to meet 120 credit degree req.

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^ Has prerequisites that are not built into the major.

~ Requires a higher grade due to prerequisite rules. Check catalog.

General Notes

- Check Degree Works or the Catalog for course pre-requisite information.
- Minimum C- grade for major coursework required, unless otherwise specific in catalog.
- 50% of major requirements must be taken at Regent University
- A minimum cumulative 2.0 GPA is required to maintain good academic standing.
- As a general rule, 100 and 200 level courses should be taken prior to upper level (300 and 400) level courses.
- A minimum of 120 credits is required to graduate. Includes: General Education, Major, and Elective courses.

Major Related Notes

- This program is available on campus or online.
- MATH 211 has a prerequisite not built into the major. You must earn a B- or better in MATH 164 or equivalent course.
- Many of the courses in this major are prerequisites for others in the major. Please use the Course Planning Tool to map out your course schedule in order to create optimal schedules based on course rotations.
- Major courses offered in Fall only: CSCI 320
- Major courses offered in Spring only: CSCI 210, 220, and 450

All official degree information is found in Degree Works and the Undergraduate Catalog

Degree Works (for Active Degree seeking students only)
Course Planning Tool (Active students only)
Academic Catalogs
Academic Calendar
Academic Advising