ACADEMIC DEGREE COMPARISONS

CLEMSON SCHOOL OF COMPUTING

BS in Computer Science

Computer Science Core (22 credits)
4 – CPSC 1010 Computer Science I (alt 1060)
4 – CPSC 1020 Computer Science II (alt 1070)

Computer Science (37 credits)
1 – CPSC 2910 Seminar in Professional Issues I
3 – CPSC 3220 Intro to Operating Systems
3 – CPSC 3300 Computer Systems Organization
3 – CPSC 3500 or CPSC 3620
3 – CPSC 3520 Programming Languages
3 – CPSC 3600 Networks & Network Programming
3 – CPSC 3720 Software Engineering
15 – Computer Science Technical Requirement (Electives)
3 – CPSC 4910 Seminar in Professional Issues II

Mathematical Sciences (14 credits)
4 – MATH 1060 Calculus of One Variable I
4 – MATH 1080 Calculus of One Variable II
3 – Statistics Req't (STAT 3090 or 3300 or MATH 3020)
3 – MATH 3110 Linear Algebra

English & Communication (12 credits)
3 – ENGL 1030 Advanced Composition
3 – Literature Requirement
3 – Oral Communication Requirement
3 – Writing Requirement

Humanities & Social Sciences (15 credits)
3 – Humanities Requirement (Non-Literature)
6 – Social Science Requirement
6 – Breadth Requirement

Natural Science (14 credits)
8 – Lab Science Sequence
6 – Additional Natural Science

Electives (8 credits)

122 Total Semester Hours

BA in Computer Science

3 – CPSC 2070 Discrete Structures for Computing
4 – CPSC 2120 Algorithms and Data Structures
3 – CPSC 2150 Software Development Foundations

Computer Science (24 credits)
3 – Computing, Ethics, and Global Society
21 – Computer Science Requirement (Electives)

Minor (15 credits)
15 – Minimum of 5 classes in approved field

Foreign Language (14 credits)
14 – Two Year's Proficiency of Language

Mathematical Sciences (9-11 credits)
3 or 4 – Calculus (MATH 1020 or 1060)
3 or 4 – Calculus (MATH 2070 or 1080)
3 – Statistics Req't (STAT 3090 or 3300 or MATH 3020)

English & Communication (12 credits)
3 – ENGL 1030 Advanced Composition
3 – Literature Requirement
3 – Oral Communication Requirement
3 – Writing Requirement

Humanities & Social Sciences (15 credits)
6 – Humanities Requirement
6 – Social Science Requirement
3 – Fine Arts Requirement

Natural Science (7 credits)
4 – Natural Science w/ Lab
3 – Natural Science

Electives (3-5)

121 Total Semester Hours

BS in Computer Information Systems

4 – CPSC 2310 Introduction to Machine Organization

Computer Science (31 credits)
1 – CPSC 2910 Seminar in Professional Issues I
3 – CPSC 2200 Microcomputer Applications
3 – CPSC 3220 Intro to Operating Systems
3 – CPSC 3600 Networks and Network Programming
3 – CPSC 3720 Software Engineering
3 – CPSC 4620 Database Management
3 – Systems Admin Requirement (CPSC 4200 or 4240)
9 – Computer Science Requirement (Electives)
3 – CPSC 4910 Seminar in Professional Issues II

Information Systems (6 credits)
3 – Systems Analysis Requirement
3 – Information Systems Requirement

Business (24 credits)
3 – Economics Requirement (ECON 2000, 2110, or 2120)
6 – ACCT 2010 & 2010 Accounting Concepts I and II
3 – MKT 3010 Principles of Marketing
3 – MGT 2010 Principles of Management
3 – MGT 3120 Decision Models for Management
6 – Business Requirement

Mathematical Sciences (9-11 credits)
6 or 8 – Calculus Sequence (MATH 1020/2070 or 1060/1080)
3 – Statistics Req't (STAT 3090 or 3300 or MATH 3020)

English & Communication (12 credits)
3 – ENGL 1030 Advanced Composition
3 – Literature Requirement
3 – Oral Communication Requirement
3 – Writing Requirement

Humanities, Social, & Nat. Sciences (16 credits)
3 – Humanities Requirement (Non-Literature)
6 – Social Science Requirement
7 – Natural Science

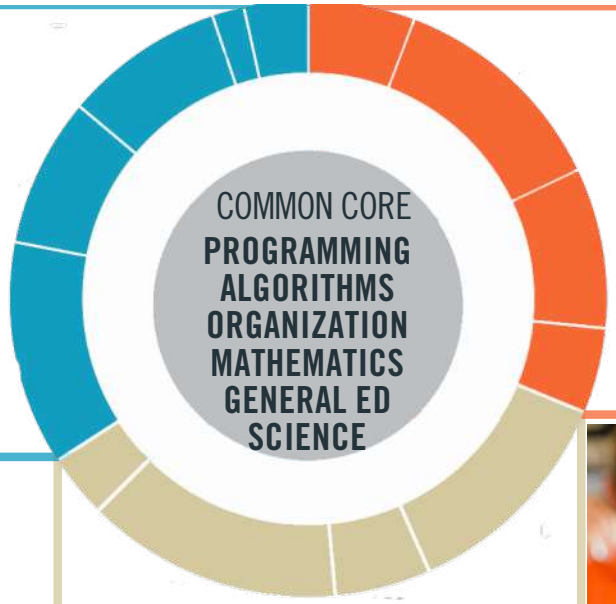
Electives (0-2)

122 Total Semester Hours

Consult the Undergraduate Announcements for official curriculum requirements

BACHELOR OF ARTS COMPUTER SCIENCE

- 21 hours of computing electives
- Modern language (4 semesters)
- Minor in any discipline
- Fine arts requirement
- Free electives



BACHELOR OF SCIENCE COMPUTER SCIENCE

- Linear algebra and statistics
- Additional science coursework
- Advanced computing coursework
- 15 hours of computing electives
- Free electives

THREE UNDERGRADUATE DEGREES

- Business/management/economics
- Accounting coursework
- Advanced computing coursework
- 9 hours of computing electives

BACHELOR OF SCIENCE COMPUTER INFO SYSTEMS