COMPUTER SCIENCE

The BS in Computer Science (BSCS) program prepares its graduates to understand and be able to apply mathematics and science. The BA in Computer Science (BACS) program prepares its graduates to have a broad education in the liberal arts balanced with technical study in computer science.

The BSCS/BACS programs prepare students for careers in a rapidly changing profession and allow easy entrance to graduate education in the computer science field. They offer core courses in areas such as programming and data structures, programming language concepts, computer systems architecture, and a track of courses in software methodology and engineering. The programs allow students to choose two other tracks from the following: artificial intelligence, computer graphics, computer and network security, data structures and algorithms, numerical and scientific computation, operating systems, game development and design, and human–computer interaction. They offer two optional concentrations: Game Programming and Development (GMPD), providing conceptual understanding of game design and practical experience in the design and the development of games; and Computer Security, which gives students the ability to design and implement computing security and privacy processes, software, and systems. Students use mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of such systems.

Students who are interested in specific information about the major are encouraged to stop by the department office in Room 306 of the Rush Building, call the department at 215.895.2474, or visit **drexel.edu/cci**.

Employers Who Have Hired Drexel Students Include:
Amazon
Bentley Systems
COMCAST CORPORATION
Independence Blue Cross
Lockheed Martin
Microsoft Corporation
NVIDIA
PJM Interconnection, LLC
Siemens
Susquehanna International Group
Thomson Reuters
Unisys Corporation

JOB TITLES

Software Engineer	Mobile App Developer
Systems Analyst	Web Developer
Database Analyst	Computer Programmer
Research Software Engineer	Computer Network Engineer

Please refer to drexel.edu/scdc/salaryguide for our most recent co-op salary information.

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

Association for Computing Machinery
acm.org

IEEE Computer Society
computer.org

Association for Women in Computing
awc-hq.org

Internet Society
isoc.org

CAREER RESOURCES

Résumé, Interviewing and Job Search Best Practices
drexel.edu/scdc/professional-pointers

Workshop Calendar
drexel.edu/scdc/calendars-events/workshops

DREXEL DEPARTMENTS

College of Computing & Informatics
Rush Building, Room 306
215.895.2474
drexel.edu/cci

Career Services Library
Careers Collection
Hagerty Library
33rd and Market Streets, Room 136
libguides.library.drexel.edu/careers

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