



Figure 1: **BS Program: Courses and Pre-requisites.** A summary of the pre-requisite relationships among Computer Science courses contained in the catalog at <http://catalog.arizona.edu>

## Computer Science Undergraduate Course Offerings

- C SC 127a–127b Introduction to Computer Science
- C SC 227 Program Design and Development
- C SC 245 Discrete Structures
- C SC 252 Computer Organization
- C SC 335 Objected-Oriented Programming and Design
- C SC 342 Data Structures and Algorithms
- C SC 344 Foundations of Computing
- C SC 345 Analysis of Discrete Structures
- C SC 352 Systems Programming and Unix
- C SC 372 Comparative Programming Languages
- C SC 422 Parallel and Distributed Programming
- C SC 425 Principles of Computer Networking
- C SC 433 Computer Graphics
- C SC 435 Software Engineering
- C SC 437 Geometric Algorithms
- C SC 445 Algorithms
- C SC 452 Principles of Operating Systems
- C SC 453 Compilers and Systems Software
- C SC 460 Database Design
- C SC 470 Foundations of Artificial Intelligence
- C SC 473 Automata, Grammars and Languages