



[csc@csudh.edu](mailto:csc@csudh.edu)  
<http://csc.csudh.edu/>

**Computer Science Department**  
College of Natural and Behavioral Sciences  
**California State University, Dominguez Hills**

1000 East Victoria  
NSM A-132  
Carson, CA 90747  
*Ph:* (310) 243-3398  
*Fax:* (310) 243-3153

# Bachelor of Arts in Computer Technology (BACT)

The Bachelor of Arts in Computer Technology degree program prepares the student for existing and emerging jobs and careers in the application of Computer and Information Technology. Our existing new programs in Homeland Security, General, and Professional Tracks in Computer Technology offer our students the opportunity to combine their current profession with up-to-date technical skills that lead to workplace success!

**Tracks: Homeland Security (HLS)**  
**General Technology (GT)**  
**Professional (P)**

***For Further Information Contact:***

**Dr. Mohsen Beheshti**

**[csc@csudh.edu](mailto:csc@csudh.edu)**

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**Gaming Track, Minor and Certificate in BACT: In Preparation**

# Bachelor of Arts in Computer Technology (BACT)

## BACT Program (120 units)

I. General Education (52 units)

II. Major Requirements (68 units)

A. Core Requirements (34 units)

B. Track Requirements (28-31 units)

C. Upper Level Free Electives (3-6 units)

### A. Core Requirements (34 units)

#### Lower Division (19 units)

CSC 101	Introduction to Computer Education (3)
CSC 111	Introduction to Computers and Basic (3)
CSC 116	Introduction to Computer Hardware and Tools (3)
CSC 255	Introduction to Dynamic Web Programming (3)
MAT 131	Elementary Statistics and Probability (3)
MAT 153	College Algebra and Trigonometry (4)

#### Upper Division (15 units)

CSC 301	Computer and Society (3)
CTC 310	Software Project Management (3)
CTC 316	O/S and Networking Support (3)
CTC 452	Network Security and Hacking Prevention (3)
CTC 492	Senior Project (3)

### B. Homeland Security Track (31 units)

CSC115	Introduction to Programming .Concept (3)
CSC121	CSI Computer Programming I (4)
CSC123	CSII Computer Programming II (4)
CSC221	Assembly Lang. Comp. Org. (3)
CTC218	Digital Logic Design (3)
CTC228	Intro. to O/S & NW (4)
CTC328	PC forensic (4)
CTC362	Communication System Security (3)
CTC428	OS Security (3)

### B. General Track (28 units)

CSC115	Introduction to Programming .Concept (3)
CSC121	CSI Computer Programming I (4)
CTC218	Digital Logic Design (3)
CTC Elec.	Lower Level (4)
CTC Elec.	Lower Level (4)
CTC Elec.	Upper Level (4)
CTC Elec.	Upper Level (3)
CTC Elec.	Upper Level (3)

### B. Professional Track

- Associate Degree, or
- Minor in another program, or
- Concentration courses – with the consultation of Computer Science department



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