



# Bachelor of Science in **Computer Science**



# Program Overview

Computer Science is a profession that requires a passion for life-long learning that gives emphasis on the theories of computation, the design of computational systems, and the scientific and practical approach in computing application.

The program is enriched with theoretical and empirical courses that are globally competitive with three tracks leading to proficiency in intelligent systems, game development, and data science.

## Track 1: Intelligent Systems

- Expert System
- Natural Language Programming
- Machine Learning

## Track 2: Game Development

- Multimedia Technology
- Level Design and Scripting
- Multiplayer and Online Programming

## Three to five years after graduation, the Computer Science alumni shall:

- 1. Have advanced their practice or achievement in the field of Computer Science and/or other endeavors or advocacies supported by their acquired computer science education;**
- 2. Be globally competitive through**
  - a. living by the T.I.P. mission values, pursuing continuing education, and practicing continuous quality improvement in their personal lives**
  - b. continuously scanning, adopting, and building on the best practices in their field.**

## Job Opportunities

- Software Engineer
- Management Information Systems (MIS) Manager
- Systems Analyst/Consultant
- Web Developer
- Software Developer/Programmer
- Network Supervisor/Administrator
- Database Manager
- Network Security Specialist
- Database Developer
- Project Manager
- Data Scientist
- Game Developer



### Track 3: Data Science

- Introduction to Data Science in Python
- Applied Plotting, Charting and Data Representation
- Applied Text Mining and Applied Social Network Analysis

## National and International Recognitions



First international Accreditation by Accreditation Board for Engineering and Technology (ABET)

International Accreditation Computing for tertiary-level and IT-related Qualification



Quality Management System certified compliant to the ISO 9001:2008 by Det Norske Verita



PCS Information and Computing Accreditation Board - Accredited since 2015

## CHED Recognitions

- **Autonomous Status**
- **Center of Excellence (COE) in Information Technology Education**

## PACUCOA Accreditation Level

- **Level III First Reaccredited Status in Computer Science (Manila)**
- **Level IV First Reaccredited Status in Computer Science (QC)**



## Industry Partners



ORACLE

SIEMENS



Philippine Software Industry Association



Phil. National IT Standards Foundation  
(Formerly Jitso Phil.)



## Professional Affiliations



Association for  
Computing Machinery



IEEE

Advancing Technology  
for Humanity



Association of the Philippines



PHILIPPINE COMPUTER SOCIETY



## ADMISSION REQUIREMENTS

- Original copy of SHS Report Card (Form 138/SF9) from Grade 12
- Original copy of PSA Birth Certificate
- Certificate of Good Moral Character (with school seal)
- 2pcs identical 2" x 2" recent ID pictures
- Certificate of Honors/Rank (if applicable)

Apply online via <https://admission.tip.edu.ph>.

Take note of your application reference number. Submit the original admission requirements to the Student Recruitment Office.

For inquiries, please email [admissions.qc@tip.edu.ph](mailto:admissions.qc@tip.edu.ph) (for T.I.P. QC) or [admissions.manila@tip.edu.ph](mailto:admissions.manila@tip.edu.ph) (for T.I.P. Manila)

## CAMPUS LOCATIONS

### T.I.P. QUEZON CITY

- 938 Aurora Blvd., Cubao, Quezon City  
(+632) 8911-0964

### T.I.P. MANILA

- 1338 Arlegui St., Quiapo, Manila
- 363 P. Casal St., Quiapo, Manila  
(+632) 8733-9117vv

## Find us online!



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