



# De La Salle University

## **Postgraduate Diploma in Computer Science (DipCS)**

The Postgraduate Diploma in Computer Science (DipCS) degree program is specifically designed to provide an excellent opportunity for non-IT or non-CS graduates to learn how to apply concepts of CS and IT in their own disciplines and train for careers in the computing services industry.

### **Objectives**

The DipCS program aims to develop in its students:

- a working foundation of information technology and computer science concepts;
- the basic skills in analysis and design of information systems; and
- the ability to implement IT solutions.

Prospective students for this program are non-IT professionals in industry and/or government.

### **Curriculum**

#### **Basic Courses (24 units)**

- CSC501C — Fundamentals of Information Systems
- CSC502C — Logic Formulation and Java Programming
- CSC504C — Object-Oriented Programming with Java
- CSC505C — Data Structures and Algorithms
- CSC509C — Fundamentals of Database Systems
- CSC511C — Operating Systems and Systems Software
- CSC512C — Computer Organization and Assembly Programming
- CSC513C — Software Engineering

**Total 24 units**