

# Department of Computing, Imperial College, London

## Lecture Courses - pre 2001 entrants

### *First year :*

#### **Term 1**

Hardware (*required*)  
Discrete Mathematics 1 (*required*)  
Logic (*required*)  
Declarative Programming I (*required*)  
Programming I (*required*)

#### **Term 2**

Discrete Mathematics 2 (*required*)  
Reasoning about Programs (*required*)  
Operating Systems I (*required*)  
Declarative Programming II (*required*)  
Programming II (*required*)

#### **Terms 1 and 2**

Directions (*extends into Term 3*)  
Architecture I (*required*)  
Mathematical Methods and Graphics (*required*)

### *Second year :*

#### **Term 1**

Algorithms, Complexity and Computability (*required*)  
Compilers (*required*)  
Databases I (*required*)  
Operating Systems II (*required*)  
Software Engineering - Design I (*required*)  
Statistics (*required*)

#### **Term 2**

Networks and Communications (*required*)  
Software Engineering - Design II (*required*)

Artificial Intelligence I (*required for MAI*)  
Concurrent Programming (*required for MSE*)

Architecture II

***Third year :***

**Term 1**

Software Engineering - Methods (*required*)

Advanced Databases (*required for MSE*)

Distributed Systems (*required for MSE*)

Human Computer Interaction

**Term 2**

Organisation and Management Processes (*required*)

Advanced Computer Architecture

Simulation and Modelling

Type Systems for Programming Languages

***Fourth year :***

**Term 1**

Network Security (*required for MSE*)

Software Engineering - Environments (*required for MSE*)

Advanced Issues in Object Oriented Programming

Computer Vision

Models of Concurrent Computation

**Term 2**

Management - Economics and Law (*required for MM*)

Distributed Algorithms

Entrepreneurship