Bachelor Programs in Computer and Systems Sciences (180 hp)

COURSE   *Stockholm University (SU)*

LIST   *Department of Computer and Systems Science (DSV)*

              Stockholm, Sweden

Term 1: Computer and systems sciences i (30.0hec)

- IT in Organisation
- IT For Personal Work
- Object-oriented Analyses and Design
- Object-Oriented Programming

Term 2: Computer and systems sciences ii (30.0hec)

- Human- Computer Interaction
- Logic
- Computer Architecture
- Database methodolog

Term3: Computer and systems sciences iii (30.0hec)

- Systems Theory and Security
- Global information systems
- Enterprise Systems and Service Oriented Architecture
- Programming 2 (Java)

Term4: Computer and systems sciences IV (30.0hec):

- Information and Computer Security
- Algorithms and data structure
- Projectwork and Software Development (15hp)

Term5: Computer and systems sciences V (45.0hec):

- Scientific methodology and Communication, IT area
- Principles of computer security
- Network Security

- Practical project management (projektledning)
- Web development - client side

Term6: Computer and systems sciences VI (45.0hec)

- Knowledge Management (Kunskapsnätverk)
- IT-baserade affärssystem, konfigurering och anpassning(DSK2:SOA2)
- Digital forensik (DIFO)
- Kandidate upsats (15 hp , börjar i mars)

Extra course: Multimediaprogrammering i Python