Department: Mathematics and Computer Sciences
Division: Computer Sciences
Level and Major: Graduate

Course Title: Stochastic Algorithms
Number of Credits: 3
Prerequisite:
Lecturer:

Course Description:

Course Goals and Objectives:

Course Topics:

- Introduction to probability theory
- Design paradigms of randomized algorithms
- Computation model and complexity classes
- Game theoretic techniques
- probabilistic methods
- Application of randomized algorithms

Reading Resources:

Evaluation: