

## Plan of study:-

### Introduction-

My course for Masters is Computer Science. I have to complete 30 credits to complete my graduation. All subjects are of 3 credits and hence I have to select 10 subjects. Our subjects are divided in 5 areas and we have some requirements to select subjects. I have special interest in Artificial Intelligence, so I am taking 3 subjects related to that. Along with those subjects, I have to select at least 2 core and advance courses from other areas. After looking of all the prerequisite and requirements, I have done the schedule. I will try for an internship in summer vacations so it will help me gaining practical knowledge. Below is my Schedule-

Course title and Number	Course type	Credits	Semester
CS 530 Mathematical Foundations of Computer Science	Basic	3	Fall 2015
CS 531 Fundamentals of System Programming	Basic	3	Fall 2015
CS 583 Analysis of Algorithms(prereq of CS 630 and 689)	Core	3	Spring 2016
CS 580 Introduction to Artificial Intelligence(prereq of CS 687)	Core	3	Spring 2016
CS 555 Computer Communications and Networking(prereq of CS 755)	Core	3	Spring 2016
CS 687 Advanced Artificial Intelligence(prereq of CS 782)	Advance	3	Fall 2016
CS 755 Advanced Computer network	Advance	3	Fall 2016
CS 630 Advanced Algorithms	Advance	3	Fall 2016
CS 782 Machine learning	Advance	3	Spring 2017
CS 689 Planning Motions of Robots and Molecules	Advance	3	Spring 2017

Programs requirements for graduation are that I have to complete 10 courses with good GPA i.e. 3.25 or +. I have to select at least 3 core courses from 3 different areas. Then at least 4 advance courses from 3 areas and I have to select at least 6 subjects from Computer science major. I have completed all those requirements in my schedule.

As my interest is in AI, I would like to have Professor Gheorghe Tecuci as my advisor because he teaches AI and he has his research in it. He was chair of AI in US army War College, so I will get to learn many things from him. From my second semester I will need his help and I will be in constant touch with him, at least once a week.