

# ABASYN UNIVERSITY



Department of Computing  
MS-Course Registration Form  
(Fall-2018)

Reg. No.: \_\_\_\_\_ Name: \_\_\_\_\_

Current Semester: \_\_\_\_\_ Program: \_\_\_\_\_ Timing: Weekdays /Weekend \_\_\_\_\_.

**List of core courses for each program**

No.	MSCS	MSSE	MSTN
1	CS617- Advanced Design and Analysis of Algorithms	SE501- Software Requirements Engineering	TN503- Advanced Digital Communication
2	CS535- Advanced Theory of Computation	SE509- Software Quality Assurance	TN505- Wireless & Mobile Communication
3	CS601- Research Methodologies	CS535- Advanced Theory of Computation	CS601- Research Methodologies
4	CS525- Advanced Programming	CS617- Advanced Design and Analysis of Algorithms	CS525- Advanced Programming
5	CS591-Advance Data Networks	CS601- Research Methodologies	CS591-Advance Data Networks
6	SE501- Software Requirements Engineering	CS525- Advanced Programming	TN602- Advanced Network Security & Cryptography

**Identify courses to be studied in the next semester:**

- a) Second (2<sup>nd</sup>) semester students must select 3 course
- b) Third (3<sup>rd</sup>) and fourth (4<sup>th</sup>) semester students shall select
  - a. one course (Research based degree)
  - b. two course (Course based degree)

S. No.	Course Type	Course Code	Course Title
1	Core		
2	Core		
3	Elective		
4	Elective		

**Note:**

1. Elective courses (see back) will only be offered when at least 10 students get registered in a course.
2. Last date of submission of this form: **07-04-2018**
3. Final Term examination: **14-05-2018**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Code	Course Title	CH	Code	Course Title	CH
CS601	Research Methodologies	3	CS576	Mobile and Pervasive Computing	3
CS617	Advanced Design and Analysis of Algorithms	3	CS631	Grid & Cluster Computing	3
CS627	Special Topics in Computer Science Education	3	CS622	Advanced Network Security & Cryptography	3
CS507	Advanced Theory of Computation	3	CS621	Advance Bio-Medical Signal Processing	3
CS510	Advanced Database Systems	3	CS509	Software Quality Assurance	3
CS513	Distributed Database System	3	CS614	Parallel and Distributed Computing	3
CS514	Object Oriented Database Systems	3	SE522	Theory of Programming Languages	3
CS516	Data Warehousing	3	SE612	Object Oriented Software Engineering	3
CS620	Data Mining Concepts & Techniques	3	SE526	Advanced Software Engineering Techniques	3
CS517	Parallel Data Mining	3	SE501	Software Requirements Engineering	3
CS518	Special Topics in Data Mining	3	SE510	Advanced Software Design and Architecture	3
CS519	Spatial and Temporal Databases	3	SE518	Software Cost Estimation	3
CS623	Large Scale DBMS	3	SE511	Formal Methods in Software Engineering	3
CS520	Advance Data Science	3	SE513	Software Design Patterns	3
CS580	Cloud Computing	3	SE512	Software Risk Management	3
CS581	Big Data Analysis	3	SE514	Automated Software Testing	3
CS622	Digital Image Processing	3	SE527	Agile Software Development	3
CS507	Information Code & Theory	3	SE525	Advanced Programming	3
CS642	Multimedia and Hypermedia Systems	3	TN525	Advanced Network Programming	3
CS633	Computer Aided Instructions	3	TN517	Wireless & Mobile Communication	3
CS603	Advanced Computer Architecture	3	TN533	Broadband and Satellite Communication	3
CS506	Advanced Operating Systems	3	TN510	Wireless Ad-hoc Networks	3
CS505	Real Time Operating Systems	3	TN504	Wireless Sensor Networks	3
CS524	Design of Intelligent Systems	3	TN514	Multimedia Networks	3
CS525	Machine Learning	3	TN515	Software Defined Networks	3
CS521	Advanced Artificial Neural Networks	3	TN614	Special Topics in Computer Networking	3
CS526	Decision Support Systems	3	TN619	Digital Communication	3
CS527	Computer Vision	3	TN516	Networks Design	3
CS528	Knowledge Based Systems	3	TN502	International Telecomm. Management	3
CS665	Advanced Web Technologies	3	TN616	Advance Digital Signal Processing	3
CS664	Natural Language Processing	3	TN617	Real-Time Signal Processing	3
CS624	Semantic Web	3	TN612	Switching and Fault Diagnosis	3
CS617	Genetic Algorithms	3	TN617	Control Systems and Robotics	3
CS615	Fuzzy Logic	3	TN534	Embedded System	3
CS521	Advanced Computer Networks	3	TN592	Queuing Systems	3
CS575	Special Topics in Information Security	3			3