



Study Plan

Degree : PhD Faculty : Computer & Information Sci Plan Hrs.: 27
 Semester : 361 Department : Plan Type : Major
 Edition : 2 Gender : Both
 Major : CSIC-1 Computer Science

Council Session: Deanship Session : Faculty Session : Dept Session:
 Council Date: Deanship Date: Faculty Date: Dept Date :

Category :

Group Type : Compulsory 1

| Second | | | | | | | |
|---------|--|---|---|---|---|-----------|-----|
| code | course name | H | G | L | H | requisite | Yrl |
| CSC 601 | ADVANCED COMPUTING SCIENCE & APPLICATION | 3 | | | | - | - |
| Total | | | | | | | 3 |

| Third | | | | | | | |
|---------|--------------------------------|---|---|---|----|-----------|-----|
| code | course name | H | G | L | H | requisite | Yrl |
| CSC 696 | INDEPENDENT RESEARCH STUDY -1- | 2 | | | | - | - |
| CSC 699 | Thesis Proposal Preparation | 1 | | | 13 | - | - |
| Total | | | | | | | 3 |

| Fourth | | | | | | | |
|---------|--------------------------------|---|---|---|---|-----------|-----|
| code | course name | H | G | L | H | requisite | Yrl |
| CSC 697 | INDEPENDENT RESEARCH STUDY -2- | 2 | | | | - | - |
| Total | | | | | | | 2 |

| Fifth | | | | | | | |
|---------|--------------------|---|---|---|---|-----------|-----|
| code | course name | H | G | L | H | requisite | Yrl |
| COM 700 | Comprehensive Exam | 0 | | | | - | - |
| Total | | | | | | | 0 |

| Sixth | | | | | | | |
|---------|-------------|---|---|---|---|---------------|-----|
| code | course name | H | G | L | H | requisite | Yrl |
| CSC 700 | THESIS | 1 | | | | CSC 699 - / P | - |
| Total | | | | | | | 1 |

Group Type : Elective 1 (3)

| code | course name | H | G | L | H | requisite | Yrl |
|---------|---------------------------------------|---|---|---|---|-----------|-----|
| STAT503 | PROBABILITY & MATHEMATICAL STATISTICS | 3 | | | | - | - |
| MATH505 | NUMERICAL LINEAR ALGEBRA | 3 | | | | - | - |
| MATH507 | ADVANCED OPERATION RESEARCH | 3 | | | | - | - |
| Total | | | | | | | 9 |

Category :

Group Type : Elective 1 (6)

| code | course name | H | G | L | H | requisite | Yrl |
|---------|---------------------------------|---|---|---|---|-----------|-----|
| IS 601 | ENTERPRISE RESOURCES & PLANNING | 3 | | | | - | - |
| IS 602 | IT PROJECT MANAGEMENT | 3 | | | | - | - |
| IS 603 | SYSTEMS ANALYSIS & DESIGN | 3 | | | | - | - |
| CENX621 | ADVANCED COMPUTER ARCHITECTURE | 3 | | | | - | - |
| CENX631 | ADVANCED COMPUTER NETWORKS | 3 | | | | - | - |
| CENX643 | DIGITAL SIGNAL PROCESSING | 3 | | | | - | - |
| Total | | | | | | | 18 |

Category :

Group Type : Elective 1 (9)



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Category :

Category :

Group Type : Elective 1 (9)

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| code | course name | H | G | L | H | requisite | Yrl |
|---------|--|---|---|---|---|-----------|-----|
| CSC 619 | SELECTED TOPICS IN COMPUTER SECURITY | 3 | | | | - | - |
| CSC 626 | ADVANCED THEORY OF COMPUTATION & | 3 | | | | - | - |
| CSC 627 | DESIGN & IMPLEMENTATION OF REAL-TIME SYS | 3 | | | | - | - |
| CSC 628 | SELECTED TOPICS IN PROGRAMMING LANGUAGES | 3 | | | | - | - |
| CSC 629 | SELECTED TOPICS IN ARABISATION | 3 | | | | - | - |
| CSC 637 | PARALLED PROCESSING | 3 | | | | - | - |
| CSC 647 | SOFTWARE TESTING VALIDATION, & VERIFICAT | 3 | | | | - | - |
| CSC 648 | SELECTED TOPICS IN SOFTWARE ENGINEERING | 3 | | | | - | - |
| CSC 657 | PERVASIVE COMPUTING ARCHITECTURE & DESIG | 3 | | | | - | - |
| CSC 661 | EMERGENT COMPUTING & SWARM INTELLIGENCE | 3 | | | | - | - |
| CSC 662 | ARTIFICIAL INTELLIGENCE | 3 | | | | - | - |
| CSC 663 | MACHINE LEARNING | 3 | | | | - | - |
| CSC 668 | SELECTED TOPICS IN ARTIFICIAL INTELLIGEN | 3 | | | | - | - |
| CSC 669 | SELECTED TOPICS IN IMAGE PROCESSING & PA | 3 | | | | - | - |
| CSC 677 | SELECTED TOPICS IN COMUTER GRAPHICS | 3 | | | | - | - |
| CSC 678 | SELECTED TOPICS IN VIRTUAL REALITY & | 3 | | | | - | - |
| CSC 679 | HUMAN COMUTER INTERACTION | 3 | | | | - | - |
| CSC 687 | DATA WAREHOUSE AND MINING SYSTEMS | 3 | | | | - | - |
| CSC 688 | SELECTED TOPICS IN DATABASE SYSTEMS | 3 | | | | - | - |

| code | course name | H | G | L | H | requisite | Yrl |
|---------|-------------------------------------|---|---|---|---|-----------|-----|
| CSC 691 | BIOINFORMATICS | 3 | | | | - | - |
| CSC 698 | ADVANCED TOPICS IN COMPUTER SCIENCE | 3 | | | | - | - |
| Total | | | | | | | 63 |

| code | course name | H | G | L | H | requisite | Yrl |
|---------|---------------------------------------|---|---|---|---|-----------|-----|
| CSC 618 | SELECTED TOPICS IN COMPUTER SYSTEMS & | 3 | | | | - | - |
| Total | | | | | | | 3 |

P : Pre-requisite

G : GPA level

H : Requisite HRS

C: Co- requisite MC : Mandetory Co--requisite NC: None Co- requisite L : Pre-course Level