COURSE TITLE

Core Courses (9 cr. hrs.)

CC 711 Advanced Programming Languages 3.0
CC 721 Advanced Computer Architecture 3.0
CC 752 Systems Science and Engineering 3.0

Elective Courses (15 cr. hrs.)

CC 712 Advanced Database Systems 3.0
CC 713 Software Engineering 3.0
CC 714 Computer Security 3.0
CC 716 Pattern Recognition 3.0
CC 722 Advanced Digital Systems 3.0
CC 725 VLSI System Design 3.0
CC 727 Application-Specific Architectures 3.0
CC 729 Computer Design and Performance Evaluation 3.0
CC 733 Analysis and Design of Computer Networks 3.0
CC 742 Real-Time Systems 3.0
CC 753 Advanced Topics in Artificial Intelligence 3.0
CC 754 Artificial Neural Networks 3.0
CC 757 Modeling and Simulation 3.0
CC 758 Advanced Applications of Digital Signal Processing 3.0
CC 759 Advanced Robotics 3.0
EC 713 Biomedical Engineering 3.0
EC 725 Speech Signal Processing and Digital Telephony 3.0
EC 730 Audio and Video Compression and its Applications 3.0
EC 731 Advanced Digital Signal Processing 3.0
EC 737 Advanced Digital VLSI Design and Testing 3.0

CC 701 Master's Thesis Part 1 6.0
CC 702 Master's Thesis Part 2 6.0