Information Science & Technology, B.S. Degree.

List of new requirements:
Math 1031 (4 cr.) Differential and Integral Calculus or Math 1041 (4 cr.) Calculus I
Lab Science 1 & 2 (8 cr.)
CIS 1001 (1 cr.) Introduction to Academics in Computer Science
CIS 1048 (3 cr.) Introduction to IS&T
CIS 1068 (4 cr.) Program Design and Abstraction
CIS 1166 (4 cr.) Math Concepts in Computing I
CIS 2033 (4 cr.) Computational Probability and Statistics
CIS 2109 (4 cr.) Database & File Management Systems
CIS 2168 (4 cr.) Data Structures
CIS 2229 (4 cr.) Architecture, Operating Systems and Networking
CIS 3309 (4 cr.) Component-Based Software Design
CIS 3329 (4 cr.) Network Architectures
CIS 3342 (4 cr.) Networked Application Systems
CIS 4296 (4 cr.) Information Systems Analysis & Design
CIS 4396 (4 cr.) Information Systems Implementation

Four IST electives (12-16 cr. total)

Total 72-76 credits

Comparison to old Computer Science BS:

Changed
CIS 4396 changed from 3 cr. To 4 cr.
Comparison to old Information Science & Technology BS:

Eliminated
CIS 4307 (4 cr.) Introduction to Distributed Systems and Networks (still an option for electives)

Added
CIS 1001 (New) (1 cr.) Freshman Seminar in Computer Science
CIS New Internship or coop experience for CS majors as one of elective choices

Changed
Changed prerequisites of CIS 1068 to require placement exam for those who have not received a grade of C or better in CIS 1053 or CIS 1057.
Theory Elective reduce choices to one of (CIS 2166, 3211, 3242)
Communications Elective to English 2696
Changed content and name of CIS 3223 to emphasize algorithm analysis
CIS 2166 or Math 3098 to Math New Probability and Statistics (a new course that will probably be taught by Stat or Math but specified by CIS with an accompanying lab that will be taught by CIS)
CIS 4339 to CIS New Writing Intensive Projects in Computer Science or CIS New Writing Intensive Research
CIS 4298 to CIS 32xx (New) Software Design/Practicum