for a major in this department in addition to the broad, flexible requirements of the College of Arts and Sciences.

MATHEMATICS & STATISTICS	Hours
Calculus I	4
Calculus II	4
Determinants and Matrices	0
or	3
Elements of Applied Linear Algebra	0
Introductory Statistics Course	3
Total	14

COMPUTER SCIENCE	
Fundamentals of Computer Programming	3
Introduction to Algorithmic Processes	3
Computer Organization and Programming	6
Numerical Analysis	4
Data Structures	3
Programming Languages	3
Total	22

ELECTIVES	
Two additional courses in Science or Engineering	6
Electives from supporting area(s)	15

It is obvious from this list that the student can select courses from a wide spectrum of subjects.

When the twenty-two hours of computing courses are completed the student will have had two years (four semesters) of studies in high-level languages. In addition, the student will have had one year of assembly language programming which provides a clear understanding of the why and how of computing. Over and above these requirements the department suggests to the student that he also take a