**SAMPLE PLAN**

Calculus-ready students

This Flowchart is meant as a guide only, any questions about scheduling should be brought up with your academic advisor.

**SUPPORTING DOCUMENTATION**

- **Course Descriptions**
  - CS1000 (1) Explorations in Computing
  - MA1031/1032 (Concurrently) or placement
  - MA1160 (4) or MA2160 for 3710
  - MA1161 (5) CALC I
  - MA2720 (4) or MA3710 (3) Statistics
  - MA2330 (3) Linear Algebra
  - MA2331 (3) Discrete Structures
  - CS1121/1131 (3) Introduction to Programming I
  - CS1142 (3) Programming at HW-SW Interface
  - CS2311 (3) Formal Models of Comp
  - CS2312 (3) Data Structures
  - CS3231 (3) Formal Models of Comp
  - CS3411 (3) Systems Programming
  - CS3421 (3) Comp Org
  - CS3425 (3) Intro to Databases
  - CS3431 (3) Operating Sys.
  - CS3461 (3) Computer Networks
  - CS4121 (3) Programming Languages
  - CS4411 (3) Computer Security

- **Required Courses**
  - CS1000
  - MA1031/1032
  - CS1121/1131
  - MA1160/61
  - MA2720

- **Credential Courses**
  - UN1015 (3) Composition
  - UN1025 (3) Global Issues
  - Lab Science (3)
  - Social Responsibility & Ethical Reasoning
  - Human/Fine Arts

- **General Education Courses**
  - Lab Science (3)
  - Communication/Comp (3)
  - Social/Behavioral Resp. (3)
  - Social Responsibility & Ethical Reasoning (3)

- **Technical Electives**
  - Tech and Society (3)
  - Dept Required (3)

- **Free Electives**
  - Free Elective (3)

**CREDITS**

- Year 1: 14.5 credits
- Year 2: 15.5 credits
- Year 3: 15.5 credits
- Year 4: 15.5 credits

**TOTAL CREDITS**

123 credits plus 3 units co-curricular activities

Undergraduate advisor: Rekhi 221/227 Email: csadvisor@mtu.edu Sarah Kuhl