The BS (no major) comprises credit requirements and course requirements as established by the School of Engineering. Students must satisfy the SOE requirements listed in the Credit Requirements box, as well as fulfill all course requirements. SHU values listed for each course requirement reflect those associated with the corresponding Tufts course. Unless otherwise noted, course requirements may be satisfied with transfer courses having SHU values that are different than those shown here. In all cases, students should enter the SHUs received or earned in the correct SOE-Attribute column for a given course requirement to ensure they meet the credit requirements. For planning purposes, students completing the BS (no major) requirements with Tufts courses will earn at least 120 SHU.

### Abbreviations:
- SHU = Semester Hour Unit
- SOE = School of Engineering
- E = Courses having attribute SOE-Engineering
- C = Courses having attribute SOE-Computing
- M = Courses having attribute SOE-Mathematics
- NS = Courses having attribute SOE-Natural Sciences
- HASS = Course having attribute SOE-HASS (Humanities, Arts, and Social Sciences)
- None = Course without SOE attribute

### Student and Advisor Notes:
- **SOE Attribute**: Mathematics & Natural Sciences
- **Credit Requirements**: SHU ≥ 30
- **Course Requirements**:
  - MATH 32 Calculus I: 3 SHU
  - MATH 34 Calculus II: 3 SHU
  - 230 SHU of SOE-Mathematics + SOE-Natural Sciences are required for the degree. List additional courses below (see note a).

### SOE Attribute: Engineering & Computing
- **Credit Requirements**: SHU ≥ 30
- **Course Requirements**:
  - EN 1 Applications in Eng.: 3 SHU
  - ES 1 Intro. Comp. in Eng. or COMP 11 Intro. Comp. Sci.: 4 SHU
  - 230 SHU of SOE-Engineering + SOE-Computing are required for the degree. List additional courses below (see note e).

### SOE Attribute: Program Electives
- **Credit Requirements**: SHU ≥ 120
- **Course Requirements**: 120 SHU total are required for the degree. List additional courses below.

### SOE Attribute: Humanities & Social Sciences
- **Credit Requirements**: SHU ≥ 30
- **Course Requirements**:
  - ENG 1* Exp. or ENG 3: 3 SHU
  - Humanities Elective (b): 3 SHU
  - Social Science Elective (c): 3 SHU
  - 230 SHU of SOE-HASS are required for the degree. List additional courses below (see note d).

### SOE Attribute: Total
- **Credit Requirements**: SHU ≥ 120
- **Course Requirements**:
  - 120 SHU total are required for the degree. List additional courses below.

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#### Abbreviations:
- SHU = Semester Hour Unit
- SOE = School of Engineering
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- C = Courses having attribute SOE-Computing
- M = Courses having attribute SOE-Mathematics
- NS = Courses having attribute SOE-Natural Sciences
- HASS = Course having attribute SOE-HASS (Humanities, Arts, and Social Sciences)
- None = Course without SOE attribute
BS (no major) Notes

(a) Mathematics and Natural Sciences
   Select From:
   - Any course having attribute SOE-Mathematics
   - Any course having attribute SOE-Natural Sciences

(b) Humanities Elective
   At least 3 SHU of Humanities are required. Requirement may not be satisfied with pre-matriculation credits, ENG 1, or ENG 3.
   Select From:
   - Any course having attribute SOE-HASS-Humanities

(c) Social Sciences Elective
   At least 3 SHU of Social Sciences are required. Requirement may not be satisfied with pre-matriculation credits.
   Select From:
   - Any course having attribute SOE-HASS-Social Sciences

(d) Humanities, Arts or Social Sciences Electives
   Select From:
   - Any course having attribute SOE-HASS
   - Any course having attribute SOE-HASS-Humanities
   - Any course having attribute SOE-HASS-Arts
   - Any course having attribute SOE-HASS-Social Sciences

(e) Engineering and Computing Electives
   Select From:
   - Any course having attribute SOE-Computing
   - Any course having attribute SOE-Engineering