

**Tufts University – School of Engineering**  
**Bachelor of Science in Engineering Physics (BSEP)**  
**Degree Checklist**

**Student:** \_\_\_\_\_

**Advisor (S.O.E.):** \_\_\_\_\_

**ID#** \_\_\_\_\_

**Advisor (Phy Dept):** \_\_\_\_\_

| <b>Introductory (9 Credits)*</b> | <b>Term</b> | <b>Grade</b> |
|----------------------------------|-------------|--------------|
| EN 1                             |             |              |
| ES 2                             |             |              |
| Math 32                          |             |              |
| Math 34 or 36                    |             |              |
| Math 42                          |             |              |
| Math 51                          |             |              |
| Physics 11                       |             |              |
| Physics 12                       |             |              |
| Chemistry 1                      |             |              |

| <b>Foundation* (9 Credits)</b> | <b>Term</b> | <b>Grade</b> |
|--------------------------------|-------------|--------------|
| Physics 13                     |             |              |
| Physics 32                     |             |              |
| Physics 41 (or ES 3 & ES 4)    |             |              |
| Physics 52                     |             |              |
| ES 3, 4, 5, 8, or 9            |             |              |
| ES 3, 4, 5, 8, or 9            |             |              |
| Found Elect (a,b,e)            |             |              |
| Found Elect (a,b,e)            |             |              |
| Prob & Stat (c)                |             |              |

| <b>Humanities/ Social Sci./Arts (6 Credits) (f)</b> | <b>Term</b> | <b>Grade</b> |
|---|-------------|--------------|
| English 1* or 3                                     |             |              |
| H   |             |              |
| SS  |             |              |
| HASS Elect  |             |              |
| HASS Elect  |             |              |
| HASS Elect  |             |              |

| <b>Concentration* (12 Credits)</b>          | <b>Term</b> | <b>Grade</b> |
|---|-------------|--------------|
| 4 Credits Physics/Astronomy                 |             |              |
| Physics 64                                  |             |              |
| Elect (d)                                   |             |              |
| Elect (d)                                   |             |              |
| Elect (d)                                   |             |              |
| 4 Credits in One Engineering Discipline (e) |             |              |
|   |             |              |
|   |             |              |
|   |             |              |
| 4 Credits Conc Elect (d,e)                  |             |              |
|   |             |              |
|   |             |              |
|   |             |              |
|   |             |              |

| <b>Free Electives (2 Credits)</b> | <b>Term</b> | <b>Grade</b> |
|-----------------------------------|-------------|--------------|
| Free Elect                        |             |              |
| Free Elect                        |             |              |

\*No Pass/Fail

**Student Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Advisor Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## **BSEP– Notes**

(a) Mathematics:

Use SIS - Must be courses with attribute value: SoE-Mathematics

(b) Comp 11 or beyond

(c) Phy 153, EE 104, ES 56, Math 161 & 162, Bio 132

(d) Physics and Astronomy:

Use SIS - Must be Phy and Astro courses with attribute value: SoE-Natural Sciences

(e) Engineering Courses:

Use SIS - Must be courses with attribute value: SoE-Engineering

(f) Humanity/Art/Social Science (HASS):

Use SIS - Must be courses with attribute value: SoE-HASS

Courses selected must include a minimum of one credit in each area of Humanities (H) and Social Sciences (SS). In addition, at least two HASS course credits must be taken in the same department.