Overview

• All students must fulfill 26 Hub units spread across the 6 capacities on the Hub.

• In general, a 4-credit course can fulfill up to 2 Hub units, plus a unit from the ‘Intellectual Toolkit’ capacity.

• The Hub has been integrated into much of the required ENG curriculum. Currently, 18 of the 26 required Hub units will be filled by required ENG courses, leaving 8 Hub units (circled in red on the 4th slide) to be completed outside of the required curriculum. These 8 units will be completed through the four Hub Electives identified on the program planning sheets.
BU Hub Requirements – 26 Units

**PHILOSOPHICAL, AESTHETIC, AND HISTORICAL INTERPRETATION** (3 units)
- **AREAS & UNITS**
  - Philosophical Inquiry and Life's Meanings (1 unit)
  - Aesthetic Exploration (1 unit)
  - Historical Consciousness (1 unit)

**QUANTITATIVE REASONING** (2 units)
- **AREAS & UNITS**
  - Quantitative Reasoning I (1 unit)
  - Quantitative Reasoning II (1 unit)

**COMMUNICATION** (6 units)
- **AREAS & UNITS**
  - First-Year Writing Seminar (1 unit)
  - Writing, Research, and Inquiry (1 unit)
  - Writing-Intensive Course (2 units)
  - Oral and/or Signed Communication (1 unit)
  - Digital/Multimedia Expression (1 unit)

**SCIENTIFIC AND SOCIAL INQUIRY** (3 units)
- **AREAS & UNITS**
  - Scientific Inquiry I (1 unit)
  - Social Inquiry I (1 unit)
  - Scientific Inquiry II or Social Inquiry II (1 unit)

**DIVERSITY, CIVIC ENGAGEMENT, AND GLOBAL CITIZENSHIP** (4 units)
- **AREAS & UNITS**
  - The Individual in Community (1 unit)
  - Global Citizenship and Intercultural Literacy (2 units)
  - Ethical Reasoning (1 unit)

**INTELLECTUAL TOOLKIT** (8 units)
- **AREAS & UNITS**
  - Critical Thinking (2 units)
  - Research and Information Literacy (2 units)
  - Teamwork/Collaboration (2 units)
  - Creativity/Innovation (2 units)
  - Life Skills (opportunities selected by student; no units required)
How ENG Requirements Fulfill BU Hub Requirements

### PHILOSOPHICAL, AESTHETIC, AND HISTORICAL INTERPRETATION (3 units)

**Areas & Units**
- Philosophical Inquiry and Life's Meanings (1 unit)
- Aesthetic Exploration (1 unit)
- Historical Consciousness (1 unit)

### QUANTITATIVE REASONING (2 units)

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<td>EK125 Intro to Programming</td>
<td>MA124 Calculus II</td>
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<td>CH101 Chemistry I</td>
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<tr>
<td>CH131 General Chemistry</td>
<td>EK 381 Prob, Stats, &amp; Data Sci</td>
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### COMMUNICATION (6 units)

**First-Year Writing** (1 unit)
- WR120 Writing Seminar

**Writing, Research, & Inquiry** (1 unit)
- WR15x Writing & Research

**Writing Intensive** (2 units)
- BI315 Systems Physiology
- ME310 Measurement & Instrumentation

**Oral and/or Signed Communication** (1 unit)
- Senior Design

**Digital/Multimedia Expression** (1 unit)
- Senior Design

### SCIENTIFIC AND SOCIAL INQUIRY (3 units)

**Social Inquiry** (1 unit)

### DIVERSITY, CIVIC ENGAGEMENT, AND GLOBAL CITIZENSHIP (4 units)

**Areas & Units**
- The Individual in Community (1 unit)
- Global Citizenship and Intercultural Literacy (2 units)
- Ethical Reasoning (1 unit)

### INTELLECTUAL TOOLKIT (8 units)

**Critical Thinking** (2 units)
- PY211 Physics I
- PY212 Physics II
- EK301 Eng Mechanics
- EK381 Prob, Stats, & Data Sci
- MA124 Calculus II
- MA225 Multivariate Calculus
- MA226 Differential Equations
- BI315 Systems Physiology

**Teamwork/Collaboration** (2 units)
- EK210 Intro ENG Design
- PY211 Physics I
- PY212 Physics II
- BI315 Systems Physiology

**Creativity/Innovation** (2 units)
- EK301 Eng Mechanics
- WR15x Writing, Research, & Inquiry
- Senior Design

**Teamwork/Collaboration** (2 units)
- EK210 Intro ENG Design
- PY211 Physics I
- PY212 Physics II
- BI315 Systems Physiology

**Creativity/Innovation** (2 units)
- EK301 Eng Mechanics
- WR15x Writing, Research, & Inquiry
- Senior Design

**Life Skills** (required for ALL ENG Freshmen)
- EK100 Freshman Seminar

**Research & Information Literacy** (2 units)
- WR15x Writing, Research, & Inquiry
- Senior Design

**Senior Design** (required for ALL ENG Freshmen)
- EK100 Freshman Seminar

**Research & Information Literacy** (2 units)
- WR15x Writing, Research, & Inquiry
- Senior Design
How ENG Requirements Fulfill BU Hub Requirements

**PHILOSOPHICAL, AESTHETIC, AND HISTORICAL INTERPRETATION**

**AREAS & UNITS**
- Philosophical Inquiry and Life’s Meanings (1 unit)
- Aesthetic Exploration (1 unit)
- Historical Consciousness (1 unit)

**SCIENTIFIC AND SOCIAL INQUIRY**

**Social Inquiry** (1 unit)
- Scientific Inquiry I (1 unit)
  - PY211 Physics I
  - CH101 Chemistry I
  - CH102 Chemistry II
  - CH131 General Chemistry
- Scientific Inquiry II (1 unit)
  - PY212 Physics II
  - BI315 Systems Physiology
  - PY313 Waves in Modern Physics
  - MA124 Calculus II

**DIVERSITY, CIVIC ENGAGEMENT, AND GLOBAL CITIZENSHIP**

**AREAS & UNITS**
- The Individual in Community (1 unit)
- Global Citizenship and Intercultural Literacy (2 units)
  - Ethical Reasoning (1 unit)

**COMMUNICATION**

- First-Year Writing (1 unit)
  - WR120 Writing Seminar
- Writing, Research, & Inquiry (1 unit)
  - WR15x Writing & Research
- Writing Intensive (2 units)
  - BI315 Systems Physiology
  - ME310 Measurement & Instrumentation

**INTELLECTUAL TOOLKIT**

**Critical Thinking** (2 units)
- PY211 Physics I
- PY212 Physics II
- EK301 Eng Mechanics
- EK381 Prob, Stats, & Data Sci
- MA124 Calculus II
  - MA225 Multivariate Calculus
  - MA226 Differential Equations
  - BI315 Systems Physiology

**Teamwork/Collaboration** (2 units)
- EK210 Intro ENG Design
- PY211 Physics I
- PY212 Physics II
  - BI315 Systems Physiology

**Creativity/Innovation** (2 units)
- EK125 Intro to Programming
- EK100 Freshman Seminar

**Life Skills**
- EK100 Freshman Seminar (required for ALL ENG Freshmen)

**Research & Information Literacy** (2 units)
- WR15x Writing, Research, & Inquiry
  - Senior Design
Hub Electives

• PPS for 2022, 2023, 2024 include four Hub Electives (these replace old social science, humanities, and general education slots)

• Students must satisfy the remaining 8 Hub areas via these electives

• Course Description search tool (www.bu.edu/phpbin/course-search/)
## ENG Hub
### Units Map

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AP Courses & Hub Units

• General Rule:
  If AP credit awarded for a course that contains more than one Hub unit, only the primary unit is counted.

• Advanced Placement Credit Guide, see link for official credit https://www.bu.edu/admissions/files/2018/06/Advanced-Credit-Guide.pdf

Example of the Advanced Placement Credit Guide. Use the link to view the entire document.