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)**

- **Quantitative Reasoning I (1 unit)**
  - PY211 Physics I
  - EK125 Intro to Programming
  - CH101 Chemistry I
  - CH102 Chemistry II
  - CH131 General Chemistry

- **Quantitative Reasoning II (1 unit)**
  - MA123 Calculus I
  - MA124 Calculus II
  - MA225 Multivariate Calculus
  - EK 381 Prob, Stats, & Data Sci

**Scientific and Social Inquiry (3 units)**

- **Social Inquiry (1 unit)**
  - PY211 Physics I
  - CH101 Chemistry I
  - CH102 Chemistry II
  - CH131 General Chemistry

**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)

**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

**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)**
  - EK210 Intro to Programming
  - EK315 Eng Mechanics

- **Life Skills**
  - EK300 Freshman Seminar (required for ALL ENG Freshmen)

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

• PPS for 2023, 2024, 2025 include four Hub Electives

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

• Course Description search tool (www.bu.edu/phpbin/course-search/)
# Hub areas fulfilled by ENG BS degree requirements - Fall 2021

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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

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