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)

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)

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

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)

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)
## BU Hub Requirements – 26 Units

### How ENG Requirements Fulfill BU Hub Requirements

#### 6 Essential Capacities

**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
  - PY212 Physics II
  - EK381 Prob, Stats, & Data Sci

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

**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)
  - ME310 Measurement & Instrumentation
  - BE491 Measurements I
  - Senior Design
- **Oral and/or Signed Communication** (1 unit)
  - Senior Design
- **Digital/Multimedia Expression** (1 unit)
  - Senior Design

**Intellectual Toolkit** (8 units)
- **Critical Thinking** (2 units)
  - PY211 Physics I
  - PY212 Physics II
  - EK301 Eng Mechanics
  - EK381 Prob, Stats, & Data Sci
- **Research & Information Literacy** (2 units)
  - WR15x Writing, Research, & Inquiry
  - Senior Design
- **Teamwork/Collaboration** (2 units)
  - EK110 Intro ENG Design
  - PY211 Physics I
  - PY212 Physics II
  - Senior Design (ECE & ME)
- **Creativity/Innovation** (2 units)
  - EK125 Intro to Programming
  - EK301 Eng Mechanics

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

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**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)
- **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
  - PY212 Physics II
  - EK381 Prob, Stats, & Data Sci

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

**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)
  - ME310 Measurement & Instrumentation
  - BE491 Measurements I
  - Senior Design
- **Oral and/or Signed Communication** (1 unit)
  - Senior Design
- **Digital/Multimedia Expression** (1 unit)
  - Senior Design

**Intellectual Toolkit** (8 units)
- **Critical Thinking** (2 units)
  - PY211 Physics I
  - PY212 Physics II
  - EK301 Eng Mechanics
  - EK381 Prob, Stats, & Data Sci
- **Research & Information Literacy** (2 units)
  - WR15x Writing, Research, & Inquiry
  - Senior Design
- **Teamwork/Collaboration** (2 units)
  - EK110 Intro ENG Design
  - PY211 Physics I
  - PY212 Physics II
  - Senior Design (ECE & ME)
- **Creativity/Innovation** (2 units)
  - EK125 Intro to Programming
  - EK301 Eng Mechanics

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

• PPS for 2022 include four Hub Electives (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/)
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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 (https://www.bu.edu/admissions/files/2018/06/Advanced-Credit-Guide.pdf)