

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.



In the Hub, students will earn 26 units through approximately 10-12 courses.



The breadth of courses and subjects included in the BU Hub allows students to pursue their interests while preparing for a life of learning and leading.



Academic advisors work with students to help them select personally meaningful learning experiences.

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)

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

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
EK 381 Prob, Stats, & Data Sci

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
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
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
EK301 Eng Mechanics

Life Skills

EK100 Freshman Seminar
(required for ALL ENG Freshmen)

Research & Information Literacy (2 units)

WR15x Writing, Research, & Inquiry
Senior Design

