

# GENERAL STUDIES WITH AN AREA OF EMPHASIS

## Natural Sciences

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### PROGRAMS

- Associate of Arts (A.A.)



**HARTNELL  
COLLEGE**

#### DESCRIPTION

The General Studies with an Area of Emphasis program, developed by the Counseling Discipline, is designed to meet the needs of students interested in graduating with an Associate level college degree by studying specific related disciplines of academic subjects **(Natural Sciences)**.

The degree prepares the student for the following:

- a broad range of educational outcomes including reasoning skills, general education, basic skills, mathematical skills, communication skills and intercultural understandings desired by employers and required in a variety of entry level professional careers and or promotional opportunities
- the completion of a major leading to a two-year college degree
- a solid beginning in the transfer planning process through careful educational planning with a counselor

#### LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Administrative or Executive Assistant
- Customer Service Representative
- General Manager
- Nonprofit Program Manager

#### TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with Hartnell College counselor to develop a student education plan before beginning their program.

#### TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine

CSU System Information -  
<http://www2.calstate.edu>

#### FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

<https://www.hartnell.edu/students/fa/net-price-calculator.html>

# GENERAL STUDIES WITH AN AREA OF EMPHASIS

## Natural Sciences

### ASSOCIATE OF ARTS

**Program Outcomes:** Upon successful completion of this program a student will be able to:

- read, write, speak and verbally comprehend at a college level.
- define information needs, access information efficiently and effectively, evaluate information critically, and use information ethically.
- use quantitative and logical reasoning to analyze information evaluate ideas and solve problems.
- understand and respect the cultural, economic, social, political, biological and interdependence of global life.
- acquire an appreciation in and involvement in the creation or performance of the work of fine arts/music culture.

**CHOOSE A SINGLE AREA OF EMPHASIS: Complete 18 units in one of the areas of emphasis listed below:**

**Natural Sciences**

**Areas of Emphasis: Natural Sciences (AA.GSN)**

Courses in natural sciences are those that examine the physical universe, its life forms, and its natural phenomena. Students will develop an appreciation and understand of the scientific method and an understanding of the relationships between science and other human activities.

*For the 18 units required, select courses from at least two disciplines; from one of the disciplines select at least two courses. Students can double count General Education courses with the area of emphasis.*

**Agriculture:** ABT 90, 92

**Anthropology:** ANT1

**Astronomy:** AST 1, 1L

**Biology:** BIO 1, 2, 3, 5, 6, 6L, 10, 11, 12, 13, 18, 20, 27, 30, 42, 47, 48, 48L

**Chemistry:** CHM 1A, 1B, 12A, 12B, 22, 23, 60

**Geography:** GEG 1

**Geology:** GEL 1, 2, 6, 25

**Meteorology:** MET 1

**Oceanography:** OCN 1

**Physics:** PHY 2A, 2B, 4A, 4B, 4C, 10, 32

**SUBTOTAL: 18 UNITS**

**General Education – Required Courses MAT-126 or higher**

*Students must complete one of the following General Education Plans: HCCD GE (see page 68)*

**Ethnic Groups in the US**  **Humanities**  **Language and Rationality**

**Natural Sciences**  **Social & Behavioral Sciences**

**SUBTOTAL: 21 UNITS**

■ **Electives (Courses Numbered 1-199) required when degree units plus GE units total fewer than 60.**

**TOTAL: 60 UNITS**