

## GENERAL EDUCATION

### The Philosophy of General Education

Undergraduate education offers not only specialized knowledge and professional skills, but also the multiple views and general intellectual abilities developed by the study of liberal arts and sciences. General Education is the component of the undergraduate curriculum devoted to exposing students to multiple areas of knowledge, methods of inquiry, and ideas that the College and scholarly community believe are common to well-educated persons. Ideally, General Education empowers individuals, liberates the mind from ignorance, and cultivates social responsibility. General Education forms the basis for developing important intellectual capacities and skills. It also provides a strong foundation for future learning, both within a college major and for the rest of one's life.

Some people believe that General Education simply means courses to "get out of the way". We could not disagree more. Instead, general education forms the foundation for a life-time of learning and is a critical component of liberal education. According to the American Association of Colleges and Universities (2002) liberal education is "a philosophy of education that empowers individuals, liberates the mind from ignorance, and cultivates social responsibility," and General Education is "the part of a liberal education shared by all students. It provides broad exposure to multiple disciplines and forms the basis for developing important intellectual and civic capacities."

### General Education Mission

The General Education program at Dixie State College of Utah develops citizen-scholars as it:

- Fosters the development of knowledge across a broad range of liberal arts and sciences disciplines.
- Provides students with the intellectual tools required to think critically and communicate effectively.
- Equips students with the information literacy and quantitative reasoning skills that facilitate success in college and in life.
- Challenges students to explore and appreciate diversity in a globalized world.
- Encourages students to evaluate the responsibilities of citizenship.
- Prepares students for life-long learning.

### General Education Learning Goals

#### 1. Broad Knowledge of the Liberal Arts & Sciences

Students will examine the world and its people from various points of view. They will learn about ideas and beliefs that have guided human beings and shaped civilization for thousands of years. *Students will:*

- Demonstrate comprehensive knowledge of the human past, including the historical development of human knowledge in global contexts.
- Compare and contrast differing philosophical and cultural perspectives.
- Describe and analyze core concepts and theories within the

natural sciences and apply the methods of the natural sciences in order to formulate answers to important questions.

- Describe and analyze core concepts and theories within the arts and humanities and apply the techniques of the arts and humanities in order to formulate answers to important questions.
- Describe and analyze core concepts and theories within the social and behavioral sciences and apply the methods of the social and behavioral sciences in order to formulate answers to important questions.

#### 2. Critical Thinking

Students will gain the ability to use knowledge, claims of evidence, and content to reason ethically and reach conclusions, as well as to innovate in imaginative ways. These steps are equally applicable to different kinds of problems such as scientific theory development and testing, ethical problem solving, and innovation. *Students will:*

- Define, analyze, and formulate solutions to problems by synthesizing core concepts within and across disciplines.
- Assess the accuracy and validity of findings and conclusions.
- Comprehend and examine how one thinks, reasons, and makes value judgments.
- Demonstrate sustained intellectual curiosity through exploration of emerging issues.

#### 3. Effective Communication

Students will learn to communicate effectively. Communication is a process by which we assign and convey meaning in an attempt to create shared understanding. Human communication facilitates insight, collaboration, the exchange of ideas, and the progress of culture. *Students will:*

- Comprehend and manage basic communicative technologies, tools, and strategies in order to express ideas and facts in written, oral, quantitative, and visual formats.
- Comprehend, interpret, analyze, and synthesize the written, oral, quantitative, and visual communication of others.

#### 4. Information Literacy Skills

Students will develop their information literacy skills, including an understanding of the nature, organization, and methods of access and evaluation of both electronic and traditional resources. *Students will:*

- Identify the nature, extent, and sources of information needed in order to access information effectively and efficiently.
- Critically evaluate information and information sources.
- Use information effectively to accomplish a specific purpose.
- Identify and analyze the economic, social, legal, and ethical issues surrounding the access and use of information.
- Identify and use the following as appropriate: content-specific tools, software, simulations for research, information analysis, problem-solving, and decision-making in content learning.

**5. Quantitative Reasoning**

Students will analyze and communicate appropriately with mathematical and symbolic concepts. They will critically evaluate the quantitative and symbolic information used to represent and draw inference regarding problems. *Students will:*

- Gain the ability to visualize abstractions and apply them to a problem.
- Model physical and natural phenomena and assess the validity of a model, make predictions from the model, and draw conclusions based on that model.
- Understand numbers, analyze uncertainty, comprehend the properties of shapes, and investigate how things change over time.
- Identify and apply quantitative principles and methods in the solution of problems and draw and evaluate conclusions in order to check the logic and validity of statements and models.

**6. Diversity and Globalization**

Students will study groups, cultures, and societies as they interact and challenge each other. They will be encouraged to reflect critically and consciously in order to gain insight into how cultural identities and experiences shape individual perspectives of the world and influence interaction with people from different backgrounds. *Students will:*

- Identify cultural differences and examine how these differences influence cross-cultural understanding and conflict.
- Recognize and evaluate the implications of various social structures and the ways people are grouped by such characteristics as status, race, ethnicity, gender, and sexual orientation.
- Identify and analyze sources of cultural bias and prejudice and develop ways to reduce these and other forms of biases and prejudices.
- Describe and analyze the concepts of globalization and transnationalism in order to evaluate the interdependent nature of the world in which we live.

**7. Responsibilities of Citizenship**

Students will critically explore, evaluate, and reflect upon their own lives, careers, and interests in relation to the political process and the general welfare of society as a whole. *Students will:*

- Describe and analyze democratic political ideals and the various understandings of rights and obligations that citizens may be said to have in their own communities.
  - Describe and analyze one's own and others' perceptions regarding responsibility for society's moral / ethical well-being.
- GENERAL EDUCATION & INSTITUTIONAL REQUIREMENTS**

**Required for all Associate of Science, Associate of Arts\*, Bachelor of Science, and Bachelor of Arts\*\* degrees.**  
July 1, 2011

**General Education & Institutional Requirements**

All DSC General Education and Institutional requirements must be fulfilled. A previously earned degree **may** fulfill those requirements, but courses must be equivalent to DSC's minimum General Education standards in American Institutions, English, and Mathematics.

Institutional Requirement		
Complete <b>one</b> of the following:		
CIS 1200	Computer Literacy	3
CIS 1201	Computer Literacy Exam	0

General Education Core Requirements		
Complete the following courses:		

**COMPOSITION / INFORMATION LITERACY GE COURSES**

ENGL 1010	Introduction to Writing	3
ENGL 2010	Intermediate Writing	3
LIB 1010	Information Literacy	1

**MATHEMATICS GE COURSES**

Complete <b>one</b> of the following:		
MATH 1030	Quantitative Reasoning	3
MATH 1040	Introduction to Statistics	3
MATH 1050	College Algebra / Pre-Calculus	4
MATH 1060	Trigonometry	4
MATH 1065	Pre-Calculus / Trigonometry	5
MATH 1100	Business Calculus	3
MATH 1210	Calculus I	5
MATH 1220	Calculus II	4
MATH 2210	Multivariable Calculus	3

**AMERICAN INSTITUTIONS GE COURSES**

Complete <b>one</b> of the following:		
ECON 1740	Economic History of the U.S.	3
HIST 1700	American Civilization	3
POLS 1100	American Government	3

**OR**

Complete <b>both</b> of the following:		
HIST 2700	U.S. History to 1877	3
HIST 2710	U.S. History since 1877	3

## General Education Breadth & Depth Requirements

### LIFE SCIENCES GE COURSES

Complete **one** of the following:

BIOL 1010	General Biology	3
<b>BIOL 1010/1015</b>	<b>General Biology / Lab</b>	<b>3/1</b>
<b>BIOL 1100/1105</b>	<b>General Botany / Lab</b>	<b>3/1</b>
<b>BIOL 1610/1615</b>	<b>Principles of Biology I / Lab</b>	<b>4/1</b>
<b>BIOL 2400/2405</b>	<b>Plant Kingdom / Lab</b>	<b>3/1</b>
NFS 1020	Scientific Foundations of Nutrition	3

### PHYSICAL SCIENCES GE COURSES

Complete **one** of the following:

CHEM 1010	Introduction to Chemistry	3
<b>CHEM 1010/15</b>	<b>Introduction to Chemistry</b>	<b>3/1</b>
<b>CHEM 1110/15</b>	<b>Elem Gen-Organic Chem / Lab</b>	<b>4/1</b>
<b>CHEM 1210/15</b>	<b>Principles of Chemistry I / Lab</b>	<b>4/1</b>
GEO 1010	Introduction to Geology	3
<b>GEO 1010/1015</b>	<b>Introduction to Geology / Lab</b>	<b>3/1</b>
GEO 1020	Life of the Past	3
<b>GEO 1020/1025</b>	<b>Life of the Past / Lab</b>	<b>3/1</b>
GEO 1040	Introduction to Dinosaurs	3
<b>GEO 1040/1045</b>	<b>Introduction to Dinosaurs / Lab</b>	<b>3/1</b>
<b>GEO 1050/1055</b>	<b>Geology of the National Parks/Lab</b>	<b>3/1</b>
GEO 1060	Environmental Geology	3
GEO 1080	Introduction to Oceanography	3
<b>GEO 1080/1085</b>	<b>Introduction to Oceanography</b>	<b>3/1</b>
<b>GEO 1110/1115</b>	<b>Physical Geology / Lab</b>	<b>4/1</b>
GEOG 1000	Physical Geography	3
<b>GEOG 1000/05</b>	<b>Physical Geography / Lab</b>	<b>3/1</b>
GEOG 1020	Introduction to Weather	3
<b>GEOG 1020/25</b>	<b>Introduction to Weather / Lab</b>	<b>3/1</b>
PHYS 1010	Elementary Physics	3
<b>PHYS 1010/15</b>	<b>Elementary Physics / Lab</b>	<b>3/1</b>
<b>PHYS 1040/45</b>	<b>Elementary Astronomy / Lab</b>	<b>3/1</b>
<b>PHYS 1360/65</b>	<b>Principles of Physical Science / Lab</b>	<b>3/1</b>
<b>PHYS 2010/15</b>	<b>College Physics I / Lab</b>	<b>4/1</b>
<b>PHYS 2210/15</b>	<b>Physics Scientists/Engin I / Lab</b>	<b>4/1</b>

### LABORATORY SCIENCE GE COURSES

Complete **one** Laboratory Science course:

At least one of the courses used to fulfill the Life and Physical Sciences requirements must include a corequisite lab class. Life and Physical Sciences courses marked 0-1 in bold above fulfill the **Laboratory Science** requirement if BOTH courses are completed successfully.

### FINE ARTS GE COURSES

Complete **one** of the following:

ART 1010	Introduction to Art	3
ART 1100	Introduction to Design	3
ARTH 2710	Art History I	3
ARTH 2720	Art History II	3
DANC 1010	Dance Appreciation	3
MUSC 1010	Introduction to Music	3
THEA 1013	Introduction to Theatre	3

### HUMANITIES / LITERATURE GE COURSES

Complete **one** of the following:

ENGL 2130	Intro to Science Fiction / Futurism	3
ENGL 2200	Introduction to Literature	3
ENGL 2230	Introduction to Mythology	3
ENGL 2270*	Introduction to World Literature I	3
ENGL 2280*	Introduction to World Literature II	3
ENGL 2330	Children's Literature	3
ENGL 2400	Introduction to American Literature I	3
ENGL 2410	Introduction to American Literature II	3
ENGL 2500	Introduction to British Literature I	3
ENGL 2510	Introduction to British Literature II	3
ENGL 2600	Critical Introduction to Literature	3
HUM 1010*	Introduction to the Humanities	3
PHIL 1000	Introduction to Philosophy	3
PHIL 1120	Social Ethics	3
PHIL 1250	Reasoning/Rational Decision-Making	3
THEA 1023	Understanding Movies	3
THEA 1026	Understanding Movies / FYE	4

\*Courses marked with an asterisk also fulfill a Global & Cultural Perspectives requirement

### SOCIAL & BEHAVIORAL SCIENCES GE COURSES

Complete **one** of the following:

ANTH 1000	Intro to Anthropology	3
COMM 1050	Intro to Communication Theory	3
COMM 2010	Media & Society	3
COMM 2110	Interpersonal Communication	3
ECON 1010	Economics of Social Issues	3
ECON 2010	Micro Economics	3
ECON 2020	Macro Economics	3
FCS 1500*	Human Development / Lifespan	3
FCS 2400*	Family Relationships	
HIST 1100	Western Civilization I	3
HIST 1110	Western Civilization II	3
HIST 2700*	U.S. History to 1877	3
HIST 2710*	U.S. History since 1877	3

PSY 1010*	General Psychology	3
PSY 1100*	Human Development / Lifespan	3
SOC 1010*	Intro to Sociology	3
SOC 1020*	Social Problems	3
SOC 1200	Sociology of the Family	3

\*Courses marked with an asterisk also fulfill a Global & Cultural Perspectives requirement

\*\*If not used to fulfill American Institutions requirement, can fulfill Social & Behavioral Sciences requirement

### GENERAL EDUCATION EXPLORATION

Complete **one GE Exploration** course: **3-5**

**One** additional 3 - 5 credit General Education Breadth & Depth course **which must have a prefix not previously used to fulfill any General Education requirement.**

### GLOBAL & CULTURAL PERSPECTIVES GE COURSES

Complete **two Global & Cultural Perspectives** courses with different prefixes:

EDUC 2400	Foundations Multicultural/ESL	3
<i>ENGL 2270</i>	<i>Introduction to World Literature I</i>	3
<i>ENGL 2280</i>	<i>Introduction to World Literature II</i>	3
ENGL 3281	Major World Authors: Postcolonial	3
ENGL 3400	World Literature	3
<i>FCS 1500</i>	<i>Human Development / Lifespan</i>	3
<i>FCS 2400</i>	<i>Family Relationships</i>	3
HIST 3670	Slavery & the American Republic	3
<i>HUM 1010</i>	<i>Intro to Humanities</i>	3
HUM 3030	Multicultural Studies	2
NURS 3300	Transcultural Nursing	3
POLS 2100	Intro to International Relations	3
POLS 2200	Intro to Comparative Politics	3
<i>PSY 1010</i>	<i>General Psychology</i>	3
<i>PSY 1100</i>	<i>Human Development / Lifespan</i>	3
<i>SOC 1010</i>	<i>Intro to Sociology</i>	3
<i>SOC 1020</i>	<i>Social Problems</i>	3
SOC 3020	Social Psychology	3

Courses in *italics* also fulfill another GE requirement

### \*Foreign Language Requirement for Associate of Arts Degree

Complete **two** of the following courses in the **same language** through coursework, examination, or vertical credit (8 credits):

ASL 1010	Beginning American Sign Language I	4
ASL 1020	Beginning American Sign Language II	4
ASL 2010	Intermediate American Sign Language I	4

ASL 2020	Intermediate American Sign Language II	4
FREN 1010	Beginning French I	4
FREN 1020	Beginning French II	4
FREN 2010	Intermediate French I	4
FREB 2020	Intermediate French II	4
GERM 1010	Beginning German I	4
GERM 1020	Beginning German II	4
GERM 2010	Intermediate German I	4
GERM 2020	Intermediate German II	4
JAPN 1010	Beginning Japanese I	4
JAPN 1020	Beginning Japanese II	4
JAPN 2010	Intermediate Japanese I	4
JAPN 2020	Intermediate Japanese II	4
SPAN 1010	Beginning Spanish I	4
SPAN 1020	Beginning Spanish II	4
SPAN 2010	Intermediate Spanish I	4
SPAN 2020	Intermediate Spanish II	4

### \*\*Foreign Language Requirement for Bachelor of Arts Degree

Complete **four** of the following courses in the **same language** through coursework, examination, or vertical credit (**check individual degree requirements; some languages are restricted**) (16 credits):

ASL 1010	Beginning American Sign Language I	4
ASL 1020	Beginning American Sign Language II	4
ASL 2010	Intermediate American Sign Language I	4
ASL 2020	Interm American Sign Language II	4
FREN 1010	Beginning French I	4
FREN 1020	Beginning French II	4
FREN 2010	Intermediate French I	4
FREB 2020	Intermediate French II	4
GERM 1010	Beginning German I	4
GERM 1020	Beginning German II	4
GERM 2010	Intermediate German I	4
GERM 2020	Intermediate German II	4
JAPN 1010	Beginning Japanese I	4
JAPN 1020	Beginning Japanese II	4
JAPN 2010	Intermediate Japanese I	4
JAPN 2020	Intermediate Japanese II	4
SPAN 1010	Beginning Spanish I	4
SPAN 1020	Beginning Spanish II	4
SPAN 2010	Intermediate Spanish I	4
SPAN 2020	Intermediate Spanish II	4