

## GENERAL EDUCATION

The General Education Program at Bakersfield College includes those courses required of all students, regardless of major or career goals, for the associate degree or for transfer to a four-year institution in California. However, the program is intended to be more than a requirement, it can be an exciting, dynamic and essential part of a student's education.

The General Education Program has been designed to address the needs of men and women of all ages, abilities, ethnic identities, life styles and goals. Through general education, the college seeks to foster knowledge, skills, and attitudes that will empower students to shape the direction of their lives and their environment. Its goal is to encourage students to strive for the highest quality of life, both at leisure and at work, for themselves, their families and the larger community.

Recognizing the certainty of change, the college, through the General Education Program, hopes to prepare students to meet the challenges of the twenty-first century. Specifically, the program will assist them to develop and acquire the following:

**Global Consciousness:** an awareness of the complexity and diversity of the world, with its interplay of environmental, social, cultural, political, and economic forces, and an understanding of the unique role that each person plays in the system of relationships which extends from family to the international community.

**Communication Skills:** the ability to convey ideas, values, feelings, and knowledge accurately and effectively through written, oral, aesthetic, and technological media across personal, cultural, and national boundaries.

**Adaptability:** the willingness and confidence to accept and respond creatively to change, and the ability to analyze, think critically, solve problems, and resolve personal and interpersonal conflicts.

**Responsibility:** A respect for ethics, citizenship, and leadership, and a commitment to personal health and emotional growth which enable one to participate in life rather than react to it.

**Knowledge:** the body of information, reflecting both quantitative and qualitative reasoning, in the arts, sciences, and technology, their modes of inquiry and expression, their interrelationships, and the methods of accessing information in all areas of study.

The general education program thus seeks to assist students to succeed in the present and to inspire them to approach the future with a commitment to life-long learning.

Because certain basic competencies are necessary for an educated person, the General Education Program specifically

requires competency testing (or course alternatives) in reading, written expression, and mathematics.

To facilitate transferability, a student's General Education Program should, with planning, parallel comparable programs at four-year institutions of higher education. However, the General Education courses may also be applied toward the associate degree or various certificate programs.

The awarding of an associate degree is intended to represent more than an accumulation of units. It is to symbolize a successful attempt on the part of the college to lead students through patterns of learning experiences designed to develop certain capabilities and insights. Among these are the ability to think and to communicate clearly and effectively both orally and in writing; to solve problems and to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; and to develop the capacity for self-understanding. In addition to these accomplishments, the student shall possess sufficient depth in some field of knowledge to contribute to lifetime interest. (Title 5)

## Bakersfield College General Education Specific Requirements

1. English: A minimum of three units designed to enhance student skills in expository and argumentative writing. Courses in language that use the principles and applications of language to promote logical and critical evaluation of written communication may be taken to satisfy this requirement. A college-level composition course or an introductory level composition course may be used to meet this requirement.

**ENGL B1, B1a; ENSL B1.**

2. Speech: A minimum of three units designed to enhance student skills in oral communication, interpersonal communication and logical reasoning in speech communication. Courses in this area emphasize critical analysis in both argumentation and debate.

**BUS B3 (SPCH B3); SPCH B1, B2, B3 (BUS B3).**

3. Social Sciences: A minimum of six units for AA degree; three units for AS degree. **At least one course must be from category (a).** Coursework designed to help the student explore the study of human phenomena through the disciplines of history, political science, economics, and other related disciplines. Courses in this area focus on the past relations of human activity and its development in the institutions of national and world societies.

- (a) American History and Politics:

**HIST B2\*, B3\*, B4a\*, B4b\*, B17a\*, B17b\*, B18a\*, B18b\*, B20a\*, B20b, B25\*, B30a\*-(CHST B30a\*) B30b\*-(CHST B30b\*), B33\*, B36\*, B38; POLS B1\*, B12\*.**

- (b) Other Social Science Courses: Any listed above, or **JRNL B1\***, or **ECON B1**, or **ECON B2** or **GEOG B2\***, **POLS B2\***, or **POLS B3\***, or **POLS B16**, or **BSAD B20**, or **BUS B40**.

4. Behavioral Sciences: A minimum of three units designed to introduce the student to the study of human behavior. Courses in the disciplines of anthropology, psychology, sociology, child development and other related courses can be taken to meet this requirement.

**ANTH B2\*, B5; BUS B5; PSYC B1a, B38 ; CHDV B13a; GERO B8 (HMSV B8, PSYC B8); HMSV B8 (GERO B8, PSYC B8); PSYC B8 (GERO B8, HMSV B8); SOCI B1\*, B30, B36 (CHST B36)**

5. Natural Sciences: : A minimum of three units that introduce the student to the world of scientific inquiry. Courses in the disciplines in either the physical or life sciences include anthropology, biology, chemistry, environmental science, physical science and other related courses. Such courses explore the relationship of man and science.

Life Sciences: **ANSC B1; ANTH B1; BIOL B3a, B7, B10, B11, B14, B16, B18, B20; CHEM B49 (ENVT B49); CRPS B1; ENVT B49 (CHEM B49); NUTR B10; FORE B2; SOIL B1.**

Physical Sciences: **ASTR B1; CHEM B1a, B2a, B15, B16; GEOG B1, B1L, B2\*; GEOL B1a, B10, B10L; PHSC B11; PHYS B2a, B4a.**

6. Humanities: A minimum of three units exploring the visual and performing arts, philosophy, literature, and the foreign languages. Courses in this area examine the cultural and artistic expression of man in the aesthetic environment.

**ARCH B1; ART B1, B2ab, B2ef, B3ab, B3ef, B5ab, B7ab, B9ab, B11ab, B17ab, B20, B30a, B30b, B30c, B30d; ASL B1, B2, B3; ENGL B1b, B2, B5a, B5b, B10, B11, B12, B20ab, B21, B23, B27, B28, B29, B30a, B30b, B35, B41a, B41b, B41c, B41d; ENSL B2, B22, B31; FREN B1, B2, B3, B4; GERM B1ab, B2; JAPN B1, B2; SPAN B1ab, B2ab, B3, B4, B10, MUSC B2, B4ab, B5ab, B6ab, B9ab, B10a, B10b, B10c, B10d, B12a, B12b, B12c, B12d, B13a, B13b, B13c, B13d, B14a, B14b, B14c, B14d, B15a, B15b, B17a, B17b, B17c, B17d, B21ab, B22, B23, B24\*, B27; PHIL B6a, B6b, B10, B12, B14, B32, B33, B37\*; SPCH B21\*; THEA B1, B2ab, B4, B5, B6, B7, B8, B12a, B20, B27, B28, B30, B31, B32, B35, B227, B228.**

7. Mathematics, Logic, Computer Science: A minimum of three units designed to develop skills in solving problems, mathematical and logical thinking. Courses in the areas of mathematics, behavioral science, philosophy, and computer science may be taken to meet this requirement.

**BEHS B5 (PSYC B5); COMS B11, B12, B13; ENGR B19f/B19p; MATH BA, BB, BC, BD, B1, B2, B6a, B16, B22, B23, B200a, B200d; PHIL B7, B9; PSYC B5 (BEHS B5).**

8. Health Education: A minimum of two units designed to introduce the student to health related issues in society today.

**CHDV B49; HLED B1; MEDS B35, or completion of an approved Allied Health Program (RN, Rad T, or LVN).**

9. Physical Education: A minimum of two units designed to promote health and an understanding of leisure time through physical activity. Courses in individual and group activities can be taken to meet this requirement.

All activity courses numbered 3 through 33. (Students who have observed their 21st birthday or who have a medical excuse are exempt.)

\* Course satisfies the Multicultural Requirement.

**Note:** Students must complete at least one class identified with an (\*) to satisfy the Multicultural Requirement for graduation.

The following courses satisfy both a Bakersfield College General Education category and the Multicultural Requirement: **ANTH B2; CHST B30a (HIST B30a), B30b (HIST B30b); GEOG B2; HIST B2, B3, B4a, B4b, B17a, B17b, B18a, B18b, B20a, B25, B30a (CHST B30a), B30b (CHST B30b), B33, B36; JRNL B1; MUSC B24; PHIL B37, POLS B1, B2, B3, B12; SOCI B1; SPCH B21.**

Other courses satisfying the Multicultural Requirement include **ADMJ B75 (MGMT B75); ASL B6; BUS B54; CHDV B32; MGMT B75 (ADMJ B75); PSYC B37; SOCI B28.**

### Multicultural Requirement

Bakersfield College requires students to take courses that are inclusive of multicultural perspectives found in American and global society. This requirement may be satisfied through studying either American ethnic groups or world cultures.

*American Ethnic Groups and Subgroups:* This requirement includes courses that lead to an understanding of ethnic groups and cultures in American society. Courses will focus on themes that address the theoretical or analytical issues relevant to understanding race, culture and ethnicity. This exploration can be accomplished through the study of, but not limited to, the following subgroups in American society: African Americans, Native Americans, Asian Americans, Chicano/Latino Americans, and European-Americans. These subgroups will be studied from integrative and comparative viewpoints as they relate to the larger context of American history, society and culture. Courses meeting this requirement should include the study of a minimum of three ethnic groups, at least two groups from non-European origin.

*World Cultures:* Students may develop a multicultural perspective through a study of world cultures and their relationship to America in a global society. The study of the history, society or culture of a foreign country and its relationship to America can demonstrate the interdependence of all nations in a global political, economic and social infrastructure. Courses meeting this requirement should include the study of a minimum of three different world cultures, at least one of which is not solely based in western civilization.

### General Education Options for Transfer

Bakersfield College students transferring to a CSU or UC campus have three options for completing their general education requirements. Each option offers advantages and disadvantages. These should be examined carefully. Bakersfield College counselors and advisors can help you select the right option.

Two of the primary choices for general education are the California State University (CSU) A-E pattern and the

Intersegmental General Education Transfer Curriculum (IGETC). Both the CSU and IGETC patterns should be seriously considered. The third option is the specific general education pattern for each UC or CSU campus taken by students who begin their studies at that university. Few transfer students follow this option because the student must match the courses and pattern required at a specific university and BC cannot certify completion of this option.

### California State University (CSU) Pattern

**Advantages:** Broader selection of courses compared to IGETC; students may receive certification for partial completion of the General Education Pattern (24-unit minimum).

**Disadvantages:** Will not satisfy general education requirements for UC.

**Recommended for:** Students who have definite plans to transfer to a CSU campus.

**Requirements:** A total of 48 semester units are needed to fully complete the CSU requirements. Of the 48 semester units, 39 can be completed and certified by Bakersfield College (minimum of 24 units). Students are strongly advised to complete all areas of the 39-unit pattern at Bakersfield College. The remaining nine units must be completed in upper division work at the CSU campus. **Bakersfield College will not use coursework from out of state or private institutions for GEC certification.**

### Intersegmental General Education Transfer Curriculum, (IGETC)

**Advantages:** Flexibility. IGETC will satisfy general education requirements for both CSU and most UC campuses (UC Professional Schools and Revelle and 5th College at UCSD do not guarantee acceptance of IGETC).

**Disadvantages:** More limited choice of courses; a “D” grade is not acceptable for IGETC.

**Recommended for:** Students transferring to a UC campus (note exceptions above). Students who are considering both CSU and UC campuses.

**Requirements:** In most cases, the entire pattern must be completed before transferring to receive certification of completion. For students approaching readiness for transfer and for good cause are unable to complete one or two IGETC courses, partial certification *may* be approved, provided those courses are not required for admission. In such cases, a petition must be completed by the student; see a counselor. Contact Admissions and Records Office for verification of IGETC prior to transferring. **Bakersfield College will not use coursework from out of state or private institutions for IGETC certification.**

NOTE: Some UC majors are very intensive in lower division requirements, therefore general education requirements and patterns are modified or moved to upper division. If in doubt, check with a counselor or advisor.

“Double counting” of courses for general education-breadth and major requirements and prerequisites is done at the option of the CSU campus. However, double counting is not permitted within CSU general education categories.

### **General Education Requirements of Four-year Colleges**

On the following pages are the general education requirements for the California State University System. The general education requirements of the several branches of the University of California are so varied that it is wise to study the catalog of the institution of transfer and to confer with a counselor regarding specific application of Bakersfield College courses toward the requirements.

### **California State University - General Education Requirements**

**General Education:** To be eligible for graduation with a bachelor’s degree from the California State University, a student must complete a minimum of 48 semester units of general education.

A total of 39 semester units completed at Bakersfield College will be accepted toward CSU general education requirements. Students are also responsible for completing an additional nine semester units of upper division general education at the CSU. Although a minimum of 56 units is required for transfer, 60 units are required for transfer as a junior.

**General Education Certification (GEC):** Certification of general education facilitates the transfer and evaluation process. Students admitted to a CSU campus with full certification may not be held to any additional lower-division general education requirements. Certification is subject to the following conditions:

1. For full certification, no fewer than 39 units will be certified; for partial certification, no fewer than 24 units will be certified;
2. Only courses completed at BC and approved colleges will be certified (**Bakersfield College will not use coursework from out of state or private institutions for GEC certification**); and
3. Only entire areas will be certified.

Students are strongly advised to complete all areas of the pattern at BC. If course work from another college is to be used to meet general education requirements, it is important to plan an appropriate general education program. Students are advised to meet with a Counselor before enrolling in the last planned semester prior to transfer. At this time students may request an official evaluation of GEC certification.

General education certification is automatically completed for Bakersfield College transcripts sent to any of the CSU campuses.

## California State University General Education Breadth Course List.

### A. Communication in the English Language and Critical Thinking:

A minimum of nine semester units in both oral and written communication in the English language, and in critical thinking and reasoning. Students must complete all of Area A with grades of “C” or higher prior to transferring.

- A.1. Oral Communication: **SPCH** B1.
- A.2. Written Communication: **ENGL** B1a.
- A.3. Critical Thinking: **PHIL** B7, B9; **ENGL** B1b, B2 or **SPCH** B5.

### B. Physical Universe and Life Forms:

A minimum of nine semester units including instruction in physical and life science (at least one course must include a laboratory) and instruction in math/quantitative reasoning. Choose one course from each area. Courses with a laboratory are identified by an asterisk (\*), see B.3. Students must complete Area B.4 with a grade of “C” or higher prior to transferring.

- B.1. Physical Universe: **ASTR** B1; **CHEM** B1a\*, B2a\*, B15\*, B16\*, B49\*; **ENVT** B49\*; **GEOG** B1, B1L\*, **GEOL** B1a\*, B10, B10L\*; **PHYS** B2a\*, B4a\*; **PHSC** B11\*.
- B.2. Life Science: **ANTH** B1; **BIOL** B3a\*, B3b\*, B10\*, B11\*, B14\*, B15\*, B16\*, B18\*, B20\*.
- B.3. Laboratory activity identified by (\*).
- B.4. Mathematics/Quantitative Reasoning: **BEHS** B5; **COMS** B11, B12, B13; **ENGR** B19f/B19p; **MATH** BC, B1, B2, B6a, B16, B22, B23, **PSYC** B5.

### C. Arts, Literature, Philosophy and Foreign Language:

A minimum of nine semester units among the arts, literature, philosophy and foreign languages. Every attempt should be made to include western and non-western cultures. Courses covering non-western cultures are identified by a star (★). At least one course must be taken from arts and one from humanities.

- C.1. Arts: (Art, Dance, Music, Theatre): **ART** B1, B2ab, B3ab, B11ab, B30a, B30b, B30c, B30d, **DANC** B6bLb, B6jd, B6md; **MUSC** B2, B4a, B4b, B21a, B21b, B22, B23, B24, B27; **THEA** B1, B2a, B2b, B4, B5, B6, B7, B12a, B20, B27, B31, B32, B35, B227.
- C.2. Humanities: (Literature, Philosophy, Foreign Languages): **ASL** B1, B2, B3; **ENGL** B1b, B5a, B5b, B10, B11, B12, B20a★, B20b★, B21, B23, B27, B28, B29, B30a, B30b, B35; **FREN** B1, B2, B3, B4; **GERM** B1ab, B2; **JAPN** B1★, B2★; **PHIL** B6a, B6b, B7, B9, B10, B12, B14, B32★, B33, B37★; **SPAN** B1ab, B2ab, B3, B4, B10.

### D. Social, Political, and Economic Institution and Behavior: Historical Background:

A minimum of nine semester units dealing with human social, political, and economic institutions and behavior and their historical

background. Fulfillment of this requirement must include courses taken in at least two disciplines. Every effort should be made to include western or non-western cultures. See notes below for information concerning additional requirements. Courses covering non-western cultures are identified by a star (★).

- D.1. Anthropology and Archaeology: **ANTH** B2★, B5.
- D.2. Economics: **ECON** B1, B2.
- D.3. Ethnic Studies: **ANTH** B5; **CHST** B30a, B30b, B36; **HIST** B18a, B18b, B20a, B20b, B30a, B30b, B36; **SOCI** B28★, B30, B36.
- D.4. Gender Studies: **ENGL** B23; **HIST** B25; **PSYC** B38; **SOCI** B28★.
- D.5. Geography: **GEOG** B2.
- D.6. History: **CHST** B30a, B30b. **HIST** B2, B3, B4a, B4b, B17a, B17b, B18a, B18b, B20a, B20b, B25, B30a, B30b, B33, B36, B38.
- D.7. Interdisciplinary Social or Behavioral Science: **CHDV** B13a.
- D.8. Political Science, Government, and Legal Institutions: **POLS** B1, B2, B3, B12, B16.
- D.9. Psychology: **PSYC** B1a.
- D.0. Sociology and Criminology: **CHST** B36; **SOCI** B1, B28★, B30, B36.

### E. Lifelong Understanding and Self-Development:

A minimum of three semester units in study designed to equip human beings for lifelong understanding and development of themselves as integrated physiological and psychological entities. A maximum of one unit of credit is allowed for physical education activity courses in this area.

**BIOL** B7; **FORE** B2; **GERO** B8, **HLED** B1; **HMSV** B8; **MEDS** B35; **NUTR** B10; **PHIL** B12; **PSYC** B1a, B8, B30, B31; **SOCI** B28; **STDV** B3.

Physical Education Activity Courses:

**PHED** B3adp, B3ads, B3adw, B5, B6, B7, B9, B10, B11, B12, B13, B14, B16, B17, B20, B22, B23, B25, B26, B27, B28, B29, B32, B33.

### Notes

Additional requirements: United States history, Constitution and American ideals. The California Education Code requires that each student qualifying for graduation from a four-year institution with a bachelor's degree shall demonstrate competence in the areas of: a) United States history, and b) national, state and local government including rights and obligations of citizens. Students who wish to meet these requirements at Bakersfield College prior to transferring to a campus of the CSU may take up to six semester units (one course from Group 1 and one course from Group 2) to meet this requirement and may be credited toward satisfying General Education-Breadth Requirements in Area D above at the option of the CSU campus.

Group 1 courses which meet the American history requirement are: **CHST** B30a, **HIST** B17a, B18a, B20a, B30a, B36; **POLS** B1.

## Intersegmental General Education Transfer Curriculum

The Intersegmental Committee of the Academic Senates approved the Intersegmental General Education Transfer Curriculum (IGETC) which was implemented fall 1991. The IGETC is a series of courses that community college students can use to satisfy lower division general education requirements at any CSU or UC campus. The IGETC will provide an option to the California State University General Education Requirements and will replace the University of California Transfer Core Curriculum.

The Intersegmental General Education Transfer Curriculum will permit a student to transfer from a community college to a campus in either the California State University or the University of California system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

Completion of the IGETC is not a requirement for transfer to a CSU or UC, nor is it the only way to fulfill the lower-division, general education requirements of the CSU or UC prior to transfer. Students may find it advantageous to take courses fulfilling CSU's general education requirements or those of a particular UC campus.

IGETC certification is made by the Admissions and Records Office at the time transcripts are requested. In most cases, the entire pattern must be completed before transferring to receive certification of completion. For students approaching readiness for transfer and for good cause are unable to complete one or two IGETC courses, partial certification *may* be approved provided those courses are not required for admission. In such cases, a petition must be completed by the student; see a Counselor. Students must notify the Admissions and Records Office of coursework from another institution. **Coursework from out of state and private institutions will not be used for IGETC certification.** Students are advised to meet with a Counselor before enrolling in the last planned semester prior to transferring. At this time, students may request an official evaluation of IGETC certification.

**\*Courses may be listed in more than one area, but shall not be certified in more than one area.**

\*\*Indicates that transfer credit may be limited by UC or CSU or both. Please consult with a counselor.

Area 1. **English Communication:** A minimum of nine units required; choose one from each area. **Note:** Students transferring to the UC do not have to meet the oral communication requirement or the unit requirement of Area 1.

Group A: English Composition: one course, three semester/four to five quarter units.  
**ENGL B1a.**

Group B: Critical Thinking-English Composition: one course, three semester/four to five quarter units. Courses must have English Composition as a prerequisite.  
**ENGL B2; PHIL B9.**

Group C: Oral Communication: one course, three semester/four to five quarter units.  
**SPCH B1.**

Area 2. **Mathematical Concepts and Quantitative Reasoning:**

one course, three semester/4-5 quarter units.  
**MATH B1, B2\*\*, B6a\*\*, B6b, B6c, B6d, B6E B22\*\*, B23.**

Area 3. **Arts and Humanities:** At least three courses, nine semester/12-15 quarter units. At least one course from the arts and one from the humanities.

**ARTS:** ART B1, B2ab, B3ab, B30a, B30b, B30c, B30d; **MUSC B2\*\*, B4a, B4b, B21a\*, B21b, B22, B23, B27; THEA B12a\*\*, B20, B31, B32\*\*.**

**HUMANITIES:** **ASL B2, B3; CHST B30a\*, B30b\*; ENGL B1b, B5a, B5b, B20a, B20b, B21, B23, B27, B28, B29, B30a, B30b; FREN B2\*, B3\*, B4\*; GERM B2; HIST B2, B3\*, B4a\*, B4b\*, B17a\* \*\*, B17b\* \*\*, B18a\*, B18b\*, B20a\*, B20b\*, B25\*, B30a\*, B30b\*, B33, B36\*, B38\*; JAPN B2; MUSC B24, PHIL B6a, B6b, B10, B32, B33, B37; SPAN B2ab\*, B3\*, B4\*.**

Area 4. **Social and Behavioral Sciences:** At least three courses, nine semester/12-15 quarter units. Courses from at least two disciplines or an interdisciplinary sequence.

**ANTH B2, B5; CHDV B13a; CHST B30a, B30b, B36; GEOG B2; ECON B1, B2; HIST B2, B3\*, B4a\*, B4b\*, B17a\* \*\*, B17b\* \*\*, B18a\*, B18b\*, B20a\*, B20b\*, B25\*, B30a\*, B30b\*, B36\*, B38\*; POLS B1, B2, B3, B16; PSYC B1a\*\*, B20, B40; SOCI B1, B2, B20, B28, B30, B36.**

Area 5. **Physical and Biological Sciences:** At least two courses required, seven to nine semester/nine to twelve quarter units. One physical science course and one biological science course; at least one must include a laboratory, indicated by (L).

**PHYSICAL SCIENCES:** **ASTR B1; CHEM B1a(L), B2a(L)\*\*; B15(L)\*\*; GEOG B1, B1(L); GEOL B1a(L), B10\*\*, B10(L)\*\*; PHYS B2a(L)\*\*; B4a(L)\*\*; PHSC B11(L)\*\*.**

**BIOLOGICAL SCIENCES:** **ANTH B1; BIOL B3a(L), B3b(L), B10(L), B11(L), B14(L), B15(L), B16(L), B20(L).**

Other:

**Language Other Than English.** Proficiency equivalent to two years of high school study in the same language. Students transferring to the CSU do not have to meet the requirement of a language other than English for admission as a transfer student.

**ASL B1; FREN B1, B2\*, B3\*, B4\*; GERM B1ab, B2; JAPN B2; SPAN B1ab, B2ab\*, B3\*, B4\*.**

**CSU Graduation requirement in U.S. History,  
Constitution, and American ideals**

(Not part of IGETC; may be completed prior to transfer.)

CSU requires two courses to meet this requirement, one from Group 1 and one from Group 2.

Group 1: **CHST** B30a; **HIST** B17a, B18a, B20a,  
B30a, B36; **POLS** B1

Group 2: **CHST** B30b; **HIST** B17b, B18b, B20b,  
B30b; **POLS** B1

**Note:** Courses used to satisfy this requirement may not be used to satisfy requirements for IGETC. Please consult with a counselor for additional information.