

Graduation and General Education

CERTIFICATES AND DEGREES OFFERED AT BAKERSFIELD COLLEGE

Students have many different goals in mind when they enroll at Bakersfield College. Some plan to earn a certificate to enhance their job skills while others want to earn a two-year degree and/or transfer to a four-year university. Bakersfield College offers the following certificate and degree programs:

- Associate in Arts and Associate in Science degrees can be used to obtain necessary skills for a range of possible careers or they may be used to transfer to a four-year institution.
- Certificates of Achievement are awarded to students who complete formal instructional programs of at least 18 units designed to prepare them for a specific field or endeavor.
- Job Skills Certificates are awarded upon the satisfactory completion of coursework (less than 18 units) in a specific area of study.

Each of the degrees requires students to meet all graduation and general education requirements. Students who plan to seek immediate employment rather than to transfer usually choose to meet the Bakersfield College General Education Requirements.

Students who wish to transfer to a four-year school select the California State University General Education Breadth to transfer to a California State University or the Intersegmental General Education Transfer Curriculum (IGETC) to transfer to either a University of California Campus or a California State University Campus.

Graduation with an Associate Degree

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 capability 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)

The associate in arts or the associate in science degree shall be conferred by the Board of Trustees of the Kern Community College District upon a Bakersfield College student who has satisfactorily completed the requirements. These requirements are consistent with those prescribed by the Board of Governors of the California Community Colleges and the Board of Trustees of the Kern Community College District.

Applying for Graduation

Students must complete candidacy for graduation requests at the beginning of the semester in which they plan to graduate. Applications are available in the Counseling Center, Disabled Student Programs and Services Office and EOP&S Office. Students must verify their eligibility to graduate with a counselor or academic advisor and obtain a what-if degree audit to submit with the petition. Filing periods for graduation candidacy requests are:

- August 1 through November 1 for December graduation
- January 1 through April 1 for May graduation
- June 1 through July 1 for August graduation

The Office of Admissions and Records notifies students who do not qualify within twelve weeks of submission of the graduation application. Students who do not receive such notification should assume that they will graduate if they satisfactorily complete their current term courses. Students who qualify will receive their diploma in the mail approximately eight weeks after the end of the semester. Duplicate diplomas can only be issued upon written request and upon payment of a replacement fee.

Commencement Ceremonies

Commencement ceremonies are held once each year in May. Students who complete their degree requirements during the fall, summer or spring prior to the ceremony or who will complete them in the following summer are eligible to participate. Students planning to complete during the following summer must:

- file a candidacy request between April 1 and May 1
- need only one course or less than five units for completion
- submit documentation of registration for the required course(s)

General Requirements

1. Educational Planning: Completion of a designated course and a student education plan within the first 15 units at Bakersfield College. Choose from the following:
 - Agriculture: AGRI B1
 - Allied Health: NURS B100
 - Applied Science and Technology: INDT B10
 - Business: BSAD B20
 - Education: EDUC B24
 - FACE: FDSV B50
 - Foreign Language: ENSL B11
 - Physical Science: ARCH B1; ENGR B47
 - Student Development: STDV B1, B2, B3, B4, B6
2. Minimum of 60 degree applicable units, with at least a 2.0 grade point average.
3. At least 12 of the 60 units must be completed with Bakersfield College.
4. Completion of the required courses of a designated major.

5. Competency Requirements:

- a. Composition: completion of English B1a with a minimum grade of “C.”
- b. Mathematics: Two years of high school algebra or MATH BD with a minimum grade of “C”; or an equivalent score on the Placement/Assessment.
- c. Reading: a satisfactory score on the Bakersfield College Placement/Assessment or a satisfactory grade in ACDV B50.

6. Completion of a General Education Pattern: Choose 1: Bakersfield College General Education Specific Requirements, or California State University General Education Breadth, or Intersegmental General Education Transfer Curriculum. (See General Education Requirements).

7. Completion of one course meeting the Multicultural Requirement.

Multicultural Requirement

Multicultural study promotes awareness of and sensitivity to diverse beliefs and practices in contemporary society. 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 the distinctive cultures of the United States or the world, including but not limited to ethnicity, gender, class, political systems, religions, or human geography.

American Cultural and Ethnic Groups: 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: African Americans, Native Americans, Asian Americans, Chicano/Latino Americans, and European-Americans from integrative and comparative viewpoints as they relate to the larger context of American history, society and culture.

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 not be based solely on western civilization.

Double Majors

A single associate degree which designates graduation in two majors may be granted if all requirements for both majors

are satisfied and an appropriate application for graduation is completed by the filing date for the academic year. The application for graduation must specifically request a double major designation, identify the majors, and, if needed, specify the type of degree to be granted.

The degree granted-associate in arts or associate in science-will depend on the major programs completed. If one program leads to an AA and the other an AS, the degree AA or AS will be selected by the student.

Additional Associate Degrees

An associate in arts or associate in science degree will be awarded to those already possessing an associate or higher degree if:

1. All requirements in a different major from that of previous associate or higher degree are satisfied; and
2. All general education requirements in effect when beginning the new degree program are satisfied; and
3. At least 12 units, subsequent to the granting of any previous degree, are taken at Bakersfield College; and
4. The student is enrolled at Bakersfield College during the semester in which the degree requirements are completed.

Generally, only one associate in arts degree, except as required for licensing and/or retraining, may be earned at Bakersfield College. Exceptions to this policy must be approved by the Executive Vice President, Academic Affairs and Student Services. Additional associate in science degrees may be earned.

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.

Institutional Level Learning Outcomes

Upon completion of an Associate's Degree, a student will:

- I. Pursue knowledge and evaluate its consequences
 - A. Think critically, abstractly, logically, and algorithmically to evaluate and solve problems.
 - B. Integrate new information to formulate principles and theories and display openness to different opinions.
 - C. Share the desire for intellectual creativity and acquisition of knowledge.
- II. Communicate clearly and effectively in both written and oral forms.
- III. Demonstrate knowledge and abilities in a chosen area of study.

- A. Demonstrate an understanding of resources and procedures of a field and the ability to use them.
- B. Demonstrate the ability to use current technology to acquire, organize, and analyze information appropriately.
- C. Possess a core of knowledge and skills in a chosen field.
- IV. Appreciate their civic responsibilities.
 - A. Reflect upon the cultural and ethical dimensions of life.
 - B. Contribute to society as an actively engaged citizen.

General Education Student Learning Outcomes

A.1. Oral Communication

- 1. Form and present informative persuasive messages.
- 2. Demonstrate competence in both active and emphatic listening.
- 3. Present oral messages to appropriate audiences and adhere to conventions of message delivery.
- 4. Manage personal communication apprehension and anxiety.

A.2. Written Communication

- 1. Identify the controlling idea and the main points of college-level expository and argumentative essays.
- 2. Evaluate expository and argumentative essays through the application of critical thinking techniques.
- 3. Write logical and coherent expository and argumentative essays, summaries and paraphrases using correctly the standard conventions of written English.

B.1. Natural Sciences

- 1. Demonstrate a knowledge of natural phenomena and recognize the processes that explain them.
- 2. Demonstrate a knowledge of scientific methodologies when solving a problem.

B.2. Mathematics and Logic (Analytic Thinking)

- 1. Apply formal systems of reasoning in solving problems or analyzing arguments.

C. 1. Introduction to the Arts

- 1. Demonstrate an understanding of and an ability to describe the ways in which arts, literature, philosophy or foreign languages reflect historical, intellectual, and cultural contexts, as well as aesthetic tastes.
- 2. Demonstrate the ability to recognize, describe and/or produce various components of an art form or language either visually and/or auditorily.

C.2. Introduction to the Humanities

- 1. Demonstrate an understanding of and an ability to describe the ways in which arts, literature, philosophy or foreign languages reflect historical, intellectual, and cultural contexts, as well as aesthetic tastes.

D.1. Foundations in the Behavioral Sciences

- 1. Demonstrate an understanding of the perspectives, theories, methods and core concepts of the behavioral sciences.

2. Explain the major problems and issues in the disciplines in their contemporary, historical and geographical contexts.
3. Demonstrate an understanding of and an ability to describe the contributions and perspectives of women, ethnic and other minorities, and Western and non-Western peoples.

D.2. Foundations in the Social Sciences

1. Demonstrate an understanding of the perspectives, theories, methods, and core concepts of the social sciences.
2. Explain the major problems and issues in the disciplines in their contemporary, historical and geographical contexts.
3. Demonstrate an understanding of and an ability to describe the contributions and perspectives of women, ethnic and other minorities, and Western and non-Western peoples.

D.3. American (U.S.) Institutions

1. Demonstrate an understanding of the perspectives, theories, methods, and core concepts of the social sciences.
2. Explain the major problems and issues in the disciplines in their contemporary, historical and geographical contexts.
3. Demonstrate an understanding of and an ability to describe the contributions and perspectives of women, ethnic and other minorities, and Western and non-Western peoples.

E. Lifelong Understanding and Self-Development

1. Critically examine the development of the individual as an integrated physiological, psychological, spiritual, and social being.
2. Identify, describe and explain the interactions of the internal and external influences and effects in human development and behavior over the course of the human life span.

Bakersfield College General Education Pattern

2011-12

A. Communication in the English Language and Critical Thinking (6 units). Courses in language and rationality are those which develop for the student the principles and applications of language toward logical thought, clear and precise expression, and critical evaluation and communication. Take 3 units in A.1 and 3 units in A.2.

A.1. Oral Communication (3 units)

COMM B1, B2, B4, B8.

A.2. Written Communication (3 units)

ENGL B1a

B. Physical Universe and Life Forms (6 units). Courses in the natural sciences are those that examine the physical universe, its life forms, and its natural phenomena. Further, courses in the natural sciences help the student develop an appreciation and understanding of the scientific method. Courses in the natural sciences, math and logic help students apply logical, qualitative and quantitative reasoning in solving problems or analyzing arguments. Take 3 units in B.1 and 3 units in B.2.

B.1. Natural Sciences (3 units)

Life Sciences:

ANTH B1

BIOL B3a, B7, B11, B16, B18, B20, B32, B33

CHEM B49

CRPS B1, B3, B10

FORE B2

PSYC B1b

SOIL B1

Physical Sciences:

ASTR B1, B2, B3

CHEM B1a, B2a, B11

ERSC B10; B10L

GEOG B1, B1L, B2*, B3

GEOL B10, B10L, B11, B11L

PHSC B12

PHYS B2a, B4a.

B.2. Mathematics and Logic (Analytical Thinking) (3 units)

COMM B5

ENGR B19f

MATH BB, BD, B1a, B1b, B2, B4a, B6a, B6b,

B16, B21, B22, B23

PHIL B7, B9

PSYC B5, B6

C. Arts, Literature, Philosophy and Foreign Language (3 units). Courses in the Arts, Literature, Philosophy

and Foreign Language are those which study the cultural activities and artistic expressions of human beings. The courses will help the student develop an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them. Art and language study may consist of historical or stylistic survey courses, courses involving speaking (signing) and understanding a language, hands-on creation or re-creation of examples of visual or performing arts, and/or courses which develop specific skills necessary for engaging in visual or performing arts.

ART B1, B2, B4, B5, B10, B16, B17, B20, B24, B35, B36, B37*

ASL B1, B2, B3, B4, B7

CHST B30e

COMM B21

ENGL B1b, B5a, B5b, B10, B20a*, B21, B23, B27, B30a, 30b, B35

ENSL B31

FREN B1, B2, B3, B4

GERM B1ab, B2

JAPN B1, B2, B3

ORNH B36

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, B10, B12, B18, B32, B33, B37*

RUSS B1ab

THEA B1, B2ab, B4, B12a, B20, B27, B28, B30, B31, B32, B227, B228.

D. Social, Political, Legal and Economic Institution and Behavior, Historical Background (9 units for AA; 6 units for AS). Courses in the social and behavioral sciences are those which focus on people as individuals and as members of society. The courses will help the student develop an understanding of the methods of inquiry used by the social and behavioral sciences. For an AA Degree, choose 6 units from D.1 and/or D2 and 3 units from D.3. For the AS Degree, take 3 units from either D.1 or D.2 and 3 units from D.3.

D.1. Foundations in the Behavioral Sciences

BSAD B5
CHDV B21
COMM B6*
CRIM B1, B5
PSYC B1a, B20 (SOCI B20), B33, B40
SOCI B20 (PSYC B20)

D.2. Foundation in the Social Sciences

AGRI B1, **AGBS** B2
ANTH B2*, B3, B5*
BSAD B20, B40
CHST B30a*(HIST B30a*), B36* (SOCI B36*)
COMM B7
CRIM B12
ECON B1, B2
GEOG B2*
HIST B1, B2*, B3*, B4a*, B4b*, B15, B17a*,
 B17b*, B18*, B20a*, B25*, B30a*(CHST B30a*)
 B33* (CHST B33); B36
JRNL B1*
POLS B1*, B2*, B3*, B12*, B16
PSYC B20 (SOCI B20)
SOCI B1*, B2, B20 (PSYC B20), B28*, B36*
 (CHST B36)*, B45*

D.3. American (U.S. Institutions)

CHST B30b (HIST B30b)
HIST B3*, B4a*, B4b*, B17a*, B17b*, B18*, B20a*,
 B20b, B30b*(CHST B30b*), B33* (CHST B33);
 B36*
POLS B1*, B12*

E. Lifelong Understanding and Self-Development

(4 units). Courses in this area will prepare students for lifelong integrated physiological and psychological development. Take 3 units from one of the following courses:

HLED B1
NUTR B10
MEDS B35, or completion of an approved Allied Health Program (RN, Rad T, or LVN).
PSYC B1a, B33
STDV B6

No more than one unit of activity/skills course work may be used to satisfy the Area E requirement. Take 1 unit from the following PHED courses:

PHED B2sb, B3adp, B6a, B6bb, B6bLb,
 B6da, B6fcx, B6jd, B6kx, B6md, B6pf, B6pl,
 B6py, B6sc, B6t, B6v, B6vi, B6wt, B6y, B10, B11,
 B12, B13, B14, B16, B17, B20, B22, B23, B24,
 B25, B26, B27, B28, B29, B32, B33, B49

*Course satisfies the Multicultural Requirement.

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. **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, B5
ART B37
CHST B30a (HIST B30a), B30b (HIST B30b), B33 (HIST B33), B36 (SOCI B36)
COMM B6
ENGL B20a
GEOG B2
HIST B2, B3, B4a, B4b, B17a, B17b, B18, B20a, B25, B30a (CHST B30a), B30b (CHST B30b), B33 CHST B33), B36
JRNL B1
MUSC B24
PHIL B37
POLS B1, B2, B3, B12
SOCI B1, B28, B36 (CHST B36), B45

The following non-general education courses also satisfy the Multicultural Requirement: ASL B6; CHDV B32.

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 students carefully examine the available options.

Two of the primary choices for general education are the California State University (CSU) General Education Breadth 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 Bakersfield College 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.

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 6th College at UCSD do not guarantee acceptance of IGETC).

Disadvantages: Limited choice of courses.

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.

Some UC majors are very intensive in lower division requirements, therefore general education requirements and patterns are modified or moved to upper division. A student should consult with a Counselor, especially science and engineering majors.

Note: Students may transfer a maximum of 70 community college transferable units to the University of California and California State University campuses.

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 entire areas will be certified.

Students are strongly advised to complete all areas of the pattern at Bakersfield College. 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.

“Double counting” of courses for general education-breadth, major requirements, and prerequisites may be done by the CSU campus. However, “double counting” is not permitted on CSU Breadth certifications.

Pass Along Certification

Students who transfer credits from another California community college often want to “pass along” the general education certifications that they have earned. Any California community college may certify such coursework from another California community college, from an independent institution that participates in certifying general education coursework to the California State Universities, and from a CSU campus. This can be done *only if the courses are on the approved certification list at the college where they were completed*. Such courses will be certified in the General Education Breadth area that is shown on the official certification list for the institution at which the courses were taken.

Students may request pass along certification when requesting *final* transcripts for their designated transfer CSU institution.

Additional regulations for pass along certification include:

- 24 units must be completed before partial certification will be done
- 39 units must be completed before full certification will be done.

- Bakersfield College students who have not completed certification requirements may request evaluation of transcripts from accredited California, out-of-state, foreign, private or public colleges and universities.

C-ID Course Identification Numbering System

C-ID is a supranumbering system being developed to ease the transfer and articulation burdens in California's higher educational institutions. Each C-ID number identifies a lower-division, transferable course commonly articulated between the California Community Colleges and the Universities of California and the California State Universities, as well as with many of California's independent colleges and universities.

ASSIST

ASSIST is a web-based articulation and transfer planning system that can be accessed at www.assist.org. It describes how course credits earned at one California college or university can be applied when transferred to another. ASSIST is the official repository of articulation for California's colleges and universities and, therefore, provides the most accurate and up-to-date information available about student transfer in California. For further information, see a counselor.

California State University General Education Breadth Course List.

A. English Language Communication 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. AP credit may not be used for A.3.

- A.1. Oral Communication: **COMM** B1, B2, B4, B8.
- A.2. Written Communication: **ENGL** B1a.
- A.3. Critical Thinking: **PHIL** B7, B9; **ENGL** B1b, B2 or **COMM** B5.

B. Scientific Inquiry and Quantitative Reasoning:

A minimum of nine semester units including instruction in physical (B.1) and life science (B.2) and instruction in math/quantitative reasoning (B.4). One of the two science courses from B.1 or B.2 must include a lab. Courses with a lab are shown with an asterisk (*) and separate lab courses are listed in B.3. Students must complete Area B.4 with a grade of “C” or higher.

- B.1. Physical Universe: **ASTR** B1, B2, B3
CHEM B1a*, B2a*, B11*, B18*
ERSC B10
GEOG B1, B1L*, B3
GEOL B10, B10L*, B11
PHYS B2a*, B4a*
PHSC B12*
- B.2. Life Science: **ANTH** B1
BIOL B3a*, B3b*, B.7*, B11*, B16*, B18*, B20*, B32*, B33*
CRPS B10*
PSYC B1b
- B.3. Laboratory activity. At least one course shown with an asterisk (*) in Areas B.1 or B.2 or one of the following:
ERSC B10L.
GEOG B1L
GEOL B10L, B11L.
Courses from B.1 and B.2 with an * also satisfy the B.3 lab requirement.
- B.4. Mathematics/Quantitative Reasoning: **ENGR** B19f
MATH B1a, B1b, B2, B6a, B6b, B6c, B6d, B6e, B16, B22, B23, **PSYC** B5.

C. Arts and Humanities: 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, B2, B4, B13, B35, B36, B37
DANC B6bLb, B6jd, B6md
MUSC B2, B4a, B4b, B21a, B21b, B22, B23, B24, B27

THEA B1, B2a, B2b, B4, B12a, B20, B27, B31, B32, B227.

- C.2. Humanities: (Literature, Philosophy, Foreign Languages): **ASL** B1, B2, B3
ENGL B1b, B5a, B5b, B10, B20a, B21, B23, B27, B28, B30a, B30b, B35
FREN B1, B2, B3, B4
GERM B1ab, B2
HIST B1, B15, B18
JAPN B1★, B2★
PHIL B6a, B9, B10, B12, B18, B32★, B33, B37★;
RUSS B1ab
SPAN B1ab, B3, B4, B10.
- D. **Social Sciences:** 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★, B3, B5.
 - D.2. Economics: **AGBS** B2
ECON B1, B2.
 - D.3. Ethnic Studies: **ANTH** B5
CHST B30a, B30b, B33, B36
COMM B6
HIST B20a, B20b, B30a, B30b, B33, B36
SOCI B28★, B36, B45.
 - D.4. Gender Studies: **ENGL** B23
HIST B25
SOCI B28★.
 - D.5. Geography: **GEOG** B2.
 - D.6. History: **CHST** B30a, B30b, B33
HIST B1, B2, B3, B4a, B4b, B15, B17a, B17b, B18, B20a, B20b, B25, B30a, B30b, B33, B36.
 - D.7. Interdisciplinary Social or Behavioral Science: **AGRI** B1
CHDV B21
COMM B6, B7.
 - D.8. Political Science, Government, and Legal Institutions: **JRNL** B1
POLS B1, B2, B3, B12, B16.
 - D.9. Psychology: **PSYC** B1a, B20 (SOCI B20), B40
 - D.0. Sociology and Criminology: **CHST** B36
CRIM B1, B5
SOCI B1, B2, B20 (PSYC B20), B28★, B36, B45.
- E. **Lifelong Learning 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.
CHDV B21
FORE B2

HLED B1
MEDS B20, B35;
NUTR B10
PHIL B12
PSYC B1a, B30, B31, B33
SOCI B28
STDV B3.

Physical Education Activity Courses:

PHED B2wp, B3adp, B3ads, B3adw, B5, B6, B6da, B6kx, B6pl, B6py, B6y, B7, B9, B10, B11, B12, B13, B14, B16, B17, B20, B22, B23, B24, B25, B26, B27, B28, B29, B30, B32, B33.

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 from the combinations below. The courses taken to meet the requirement may be credited toward satisfying General Education-Breadth Requirements in Area D above at the option of the CSU campus.

POLS B1 and one of the following: **HIST** B17a, B17b, B20a, B20b, B30a (CHST B30a), B30b (CHST B30b), B36
 or
HIST B17a and **POLS** B1 or **POLS** B12 or **HIST** B18.

Intersegmental General Education Transfer Curriculum (IGETC)

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 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.

IGETC Course List

*Courses may be listed in more than one area, but shall not be certified in more than one area except for courses in Languages Other Than English, which can be certified in both areas 3B and 6A. All courses must be completed with a "C" grade or better.

**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 group. **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. AP credit may not be used.

ENGL B2

PHIL B9.

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

COMM B1, B2, B8.

Area 2. **Mathematical Concepts and Quantitative**

Reasoning: one course, three semester/4-5 quarter units.

MATH B1a, B1b, B2**, B6a**, B6b, B6c, B6d, B6e, B22**, B23

PSYC B5.

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.

A. **ARTS:** **ART** B1, B2, B4, B35, B36, B37

MUSC B2**, B4a, B4b, B21a*, B21b, B22, B23, B27

THEA B12a**, B20, B31, B32**.

B. **HUMANITIES:** **ASL** B2*, B3*

CHST B30a*, B30b*, B33*

ENGL B1b, B5a, B5b, B10, B20a, B21, B23, B27, B28, B30a, B30b
FREN B2*, B3*, B4*
GERM B2*
HIST B1*, B2, B3*, B4a*, B4b*, B15*, 17a* **, B17b* **, B18*, B20a*, B20b*, B25*, B30a*, B30b*, B33*, B36*
JAPN B2*
MUSC B24
PHIL B6a, B10, PHIL B18, B32, B33, B37
SPAN B2ab*, B3*, B4*.

FREN B1, B2*, B3*, B4*
GERM B1ab, B2*
JAPN B1, B2*
RUSS B1ab;
SPAN B1ab, B2ab, B3*, B4*, B10*.

CSU Graduation requirement in United States History, Constitution, and American Ideals

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

Students who wish to meet this requirements at Bakersfield College prior to transferring to a campus of the CSU may take up to six semester units from the combinations below.

POLS B1 and one of the following: HIST B17a, B17b, B20a, B20b, B30a (CHST B30a), B30b (CHST B30b), B36
 or
HIST B17a and POLS B1 or POLS B12 or HIST B18

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

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, B3, B5
CHDV B21
CHST B30a*, B30b*, B33*, B36
COMM B6
ECON B1, B2
GEOG B2
HIST B1*, B2, B3*, B4a*, B4b*, B15*, B17a* **, B17b* **, B18*, B20a*, B20b*, B25*, B30a*, B30b*, B33*, B36*
JRNL B1
POLS B1, B2, B3, B16
PSYC B1a**, B20, B40
SOCI B1, B2, B20, B28, B36, B45.

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).

A. PHYSICAL SCIENCES:

ASTR B1, B2, B3
CHEM B1a(L), B2a(L)**, B11(L), B18(L)
ERSC B10, B10(L)
GEOG B1, B1(L), B3
GEOL B10**, B10(L)**, B11**, B11(L)**
PHYS B2a(L)**, B4a(L)**.

B. BIOLOGICAL SCIENCES:

ANTH B1
BIOL B3a(L), B3b(L), B7(L), B11(L), B16(L), B20(L)
 B32 (L), B33(L)
CRPS B10(L)
PSYC B1b.

Area 6. **Language Other Than English (LOTE).** 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, B2*, B3*, B4