

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.
- Certificates of Specialization are awarded upon the satisfactory completion of coursework (less than 18 units) in a specific area of study. Departmental faculty define the requirements.

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. CSU and UC general education patterns cannot be used to meet general education graduation requirements if students have out-of-state, private, or foreign transcripts. The student must meet the Bakersfield College General Education pattern to obtain an Associate Degree.

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 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.

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 and June 1 through July 1 for August graduation (April 1 - May 1 to participate in May graduation ceremony). 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 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 may apply only one English (or ENSL) course not more than one level below the first transfer level composition course, commonly known as English 1A, toward the associate degree.

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, B201, B202, B206
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 B1 with a minimum grade of “C,” or placement into English B1a by Essay Placement Test and completion of English B1a with a minimum grade of “D.”
 - b. Mathematics: one year of high school algebra or MATH BA 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, a satisfactory grade in ACDV B50, or a satisfactory score on the Bakersfield College Reading Proficiency Test.
6. Completion of a General Education Pattern: Choose 1: BC 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

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.

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. 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 Vice President, Academic Affairs. 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.

BAKERSFIELD COLLEGE GENERAL EDUCATION PATTERN		
<p>A. Communication in the English Language and Critical Thinking (6 units) ⇒ CSU General Education Breadth A; IGETC Area 1.</p> <p>A.1. Oral Communication (<i>Former BC Gen Ed area 2</i>) (3 units)</p> <p>A. 2. Written Communication (<i>Former BC Gen Ed area 1</i>) (3 units)</p>		
<p>Definition</p> <p>Courses in language & rationality are those which develop for the student the principles & applications of language toward logical thought, clear & precise expression, & critical evaluation of communication.</p> <p>Take 3 units in oral communication & 3 units in written communication.</p>	<p>Student Learning Outcomes</p> <p>A.1. Oral Communication</p> <ol style="list-style-type: none"> 1. Form and present informative persuasive messages. 2. Demonstrate competence in both active and empathic listening. 3. Present oral messages to appropriate audiences and adhere to conventions of message delivery. 4. Manage personal communication apprehension and anxiety. <p>A.2 Written Communication</p> <ol style="list-style-type: none"> 1. Identify the controlling idea and the main points of college-level expository & argumentative essays. 2. Evaluate expository & argumentative essays through the application of critical thinking techniques. 3. Write logical & coherent expository & argumentative essays, summaries & paraphrases using correctly the standard conventions of written English. <p>A.3 Critical Thinking (Critical thinking is the rational & reflective process of making & supporting judgments).</p> <ol style="list-style-type: none"> 1. Make judgments that skillfully interpret information and phenomena. 2. Skillfully support judgments. 3. Identify & skillfully explore assumptions, implications, and alternatives to judgments. 4. Identify & differentiate statements of opinion, matters of fact, and arguments. 5. Analyze arguments into supporting judgments and supported judgments. 6. Skillfully evaluate judgments. 7. Skillfully evaluate the support for judgments. 	<p>BC General Education Courses</p> <p>A.1. Oral Communication COMM B1, B2, B4, B8.</p> <p>A.2. Written Communication ENGL B1, B1a; ENSL B1.</p>

<p>B. Physical Universe and Life Forms (6 units) ⇒ CSU General Education Breadth B; IGETC Areas 2, 5. B.1. Natural Sciences (Former BC Gen Ed area 5) (3 units) B. 2. Mathematics and Logic (Analytical Thinking) (Former BC Gen Ed area 7) (3 units)</p>		<p>BC General Education Courses</p> <p>B.1. Natural Sciences Life Sciences: ANSC B1; ANTH B1; BIOL B3a, B11, B15, B16, B18, B20, B32, B33; CHEM B49 (ENVT B49); CRPS B1, B3, B10; ENVT B49 (CHEM B49); FORE B2; NUTR B10; SOIL B1. Physical Sciences: ASTR B1, B2, B3; CHEM B1a, B2a, B11; ERSC B10; B10L, GEOG B1, B1L, B2*, B3; GEOL B1a, B10, B10L; PHSC B12; PHYS B2a, B4a.</p> <p>B.2. Mathematics and Logic (Analytical Thinking) BEHS B5 (PSYC B5); COMM B5; COMS B12; ENGR B19f, MATH BA, BB, BD, B1a, B1b, B2, B4a, B6a, B6b, B16, B21, B22, B23; PHIL B7, B9; PSYC B5 (BEHS B5) TECM B52.</p> <p>* Course satisfies the Multicultural Requirement. Note: Students must complete at least one class identified with an (*) to satisfy the Multicultural Requirement for graduation.</p>	
<p>Definition</p> <p>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.</p> <p>Take 3 units in Natural Sciences and 3 units in Math and Logic</p>	<p>Student Learning Outcomes</p> <p>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.</p> <p>B.2. Mathematics and Logic (Analytical Thinking) 1. Apply formal systems of reasoning in solving problems or analyzing arguments.</p>	<p>BC General Education Courses</p> <p>C. Arts, Literature, Philosophy and Foreign Language ARCH B1; ART B1, B2, B2ef, B3ab, B7ab, B9ab, B11ab, B17ab, B20, B30a, B30b, B30c, B30d, B30e; ASL B1, B2, B3; CHST B30e; ENGL B1b, B5a, B5b, B10, B21, B23, B27, B28, B30a, B30b, B35, B41a, B41b, B41c, B41d; ENSL B2, B22, 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, B14, B18, B32, B33, B37*; RUSS B1ab; THEA B1, B2ab, B4, B6, B7, B12a, B20, B27, B28, B30, B31, B32, B35, B227, B228.</p> <p>* Course satisfies the Multicultural Requirement.</p>	
<p>Definition</p> <p>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.</p>	<p>Student Learning Outcomes</p> <p>C. Arts, Literature, Philosophy and Foreign Language 1. Demonstrate an understanding and appreciation of the ways in which arts, literature, philosophy or foreign languages reflect historical, intellectual, and cultural contexts, as well as aesthetic tastes.</p>	<p>BC General Education Courses</p> <p>C. Arts, Literature, Philosophy and Foreign Language ARCH B1; ART B1, B2, B2ef, B3ab, B7ab, B9ab, B11ab, B17ab, B20, B30a, B30b, B30c, B30d, B30e; ASL B1, B2, B3; CHST B30e; ENGL B1b, B5a, B5b, B10, B21, B23, B27, B28, B30a, B30b, B35, B41a, B41b, B41c, B41d; ENSL B2, B22, 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, B14, B18, B32, B33, B37*; RUSS B1ab; THEA B1, B2ab, B4, B6, B7, B12a, B20, B27, B28, B30, B31, B32, B35, B227, B228.</p> <p>* Course satisfies the Multicultural Requirement.</p>	

<p>D. Social, Political, Legal, and Economic Institution and Behavior; Historical Background (9 units for AA; 6 units for AS) ⇒ CSU General Education Breadth D; IGETC Area 4.</p> <p>D.1. Foundations in the Behavioral Sciences (Former BC Gen Ed area 4) (3 units)</p> <p>D.2. Foundations in the Social Sciences (Former BC Gen Ed area 3b) (For AA 3 units here or in D.3.)</p> <p>D.3. American (U.S.) Institutions (Former BC Gen Ed area 3a) (For AA 3 units here or in D.2.)</p>	
<p>Definition</p> <p>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.</p> <p>For an AA Degree, take 3 units from American History and Politics, and 3 units from Other Social Science Courses and 3 units from Behavioral Science.</p> <p>For the AS Degree, take 3 units from American History and Politics, or from Other Social Science Courses and 3 units from Behavioral Science.</p>	<p>Student Learning Outcomes</p> <p>D. Social, Political, Legal, and Economic Institution and Behavior; Historical Background</p> <ol style="list-style-type: none"> 1. Demonstrate an understanding of the perspectives, theories, methods and core concepts of the social and behavioral sciences. 2. Explain the major problems and issues in the disciplines in their contemporary, historical and geographical contexts. 3. Demonstrate an understanding and appreciation of the contributions and perspectives of women, ethnic and other minorities, and Western and non-Western peoples.
<p>BC General Education Courses</p> <p>D.1. Foundations in the Behavioral Sciences ANTH B2*, B3, B5; BSAD B5; COMM B6*; CRIM B1, B5; PSYC B1a; CHDV B21; GERO B8 (HMSV B8, PSYC B8); HMSV B8 (GERO B8, PSYC B8) B45* (SOCI B45*); PSYC B8 (GERO B8, HMSV B8); SOCI B1*, B36 (CHST B36), SOCI B45* (HMSV B45*)</p> <p>D.2. Foundation in the Social Sciences HIST B1, B2*, B3*, B4a*, B4b*, B15, B17a*, B17b*, B18*, B20a*, B20b, B25*, B30a*-(CHST B30a*) B30b*-(CHST B30b*), B33* (CHST B33); B36*; POLS B1*, B12*, AGRI B1, AGBS B2, COMM B7, JRNL B1*, CRIM B12, ECON B1, ECON B2, GEOG B2*, POLS B2*, POLS B3*, POLS B16, BSAD B20, or BSAD B40.</p> <p>D.3. American (U.S. Institutions) HIST B1, B2*, B3*, B4a*, B4b*, B15, B17a*, B17b*, B18*, B20a*, B20b, B25*, B30a*-(CHST B30a*) B30b*-(CHST B30b*), B33* (CHST B33); B36*; POLS B1*, B12*</p> <p>* Course satisfies the Multicultural Requirement. Note: Students must complete at least one class identified with an (*) to satisfy the Multicultural Requirement for graduation.</p>	
<p>E. Lifelong Understanding and Self-Development (3 units) ⇒ CSU General Education Breadth E. (Former BC Gen Ed areas 8, 9)</p>	
<p>Definition</p> <p>Courses in this area will prepare students for lifelong integrated physiological and psychological development.</p> <p>No more than one unit of activity/skills course work may be used to satisfy the Area E requirement.</p>	<p>Student Learning Outcomes</p> <p>E. Lifelong Understanding and Self-Development</p> <ol style="list-style-type: none"> 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.
<p>BC General Education Courses</p> <p>E. Lifelong Understanding and Self-Development CHDV B49; HLED B1; MEDS B35, or completion of an approved Allied Health Program (RN, Rad T, or LVN), all PHED activity courses numbered B2 through B33 and B49.</p>	

Multicultural Requirement	BC General Education Courses
<p>Definition</p> <p>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.</p> <p>Courses meeting the <i>American Ethnic Groups and Subgroups</i> requirement should include the study of a minimum of three ethnic groups, at least two groups from non-European origin.</p> <p>Courses meeting the <i>World Cultures</i> 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.</p>	<p>The following courses satisfy both a Bakersfield College General Education category and the Multicultural Requirement: ANTH B2; CHST B30a (HIST B30a), B30b (HIST B30b), B33 (HIST B33); COMM B6, GEOG B2; HIST B2, B3, B4a, B4b, B17a, B17b, B18, B20a, B25, B30a (CHST B30a), B30b (CHST B30b), B33 (CHST B33), B36; HMSV B45 (SOCL B45) JRNL B1; MUSC B24; PHIL B37, POLS B1, B2, B3, B12; SOCL B1, B45 (HMSV B45).</p> <p>Other courses satisfying the Multicultural Requirement include ASL B6; CHDV B32; PSYC B37; SOCL B28.</p>

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) 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. No certification can be completed using out-of-state, private or foreign transcripts.

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: 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. **Bakersfield College will not use coursework from out of state or private institutions for IGETC certification.**

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.

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.

“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.

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

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
- No certification can be done for foreign institutions.
- No certification can be done for out-of-state institutions.

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.

Lower- Division Transfer Patterns (LDTP)

The Lower-Division Transfer Pattern (LDTP) project, sponsored by the California State University (CSU) and supported by the California Community Colleges, presents potential transfer students with an efficient path to a bachelor’s degree from the CSU. Following a “road map” ensures that students entering a California Community College who are certain of their choice of baccalaureate major will be able to transfer their coursework efficiently to any CSU campus offering that major.

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. 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. 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 in Areas B.1 and B.2 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, B2, B3; **CHEM** B1a*, B2a*, B11*, B18*, B49*; **ENVT** B49*; **ERSC** B10; **GEOG** B1, B1L*, B3; **GEOL** B1a*, B10, B10L*; **PHYS** B2a*, B4a*; **PHSC** B12*.
 - B.2. Life Science: **ANTH** B1; **BIOL** B3a*, B3b*, B11*, B15*, B16*, B18*, B20*, B32* B33*; **CRPS** B10*; **PSYC** B1b.
 - B.3. Laboratory activity: **ERSC** B10L. Courses from B.1 and B.2 with an * also satisfy the B.3 lab requirement.
 - B.4. Mathematics/Quantitative Reasoning: **BEHS** B5; **COMS** B12; **ENGR** B19f; **MATH** B1a, B1b, B2, B6a, B6b, 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, B2 (B2ab), B3ab, B11ab, B30a, B30b, B30c, B30d, B30e; **CHST** B30e; **DANC** B6bLb, B6jd, B6md; **MUSC** B2, B4a, B4b, B21a, B21b, B22, B23, B24, B27; **THEA** B1, B2a, B2b, B4, 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, 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, B14, B18, B32★, B33, B37★; **RUSS** B1ab; **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★, 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; HMSV B45; 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.**
- D.0. Sociology and Criminology: **CHST B36; CRIM B1, B5; HMSV B45; SOCI B1, B28★, B36, B45.**

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. **CHDV B21; FORE B2; GERO B8, HLED B1; HMSV B8; MEDS B20, B35; NUTR B10; PHIL B12; PSYC B1a, B8, 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.**

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 (B2ab), B3ab, B30a, B30b, B30c, B30d, B30e; **CHST B30e; 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, B21, B23, B27, B28, B30a, B30b; FREN B2*, B3*, B4*; GERM B2*; HIST B1*, B2, B3*, B4a*, B4b*, B15*, B17a* **, 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*.**

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*; HMSV B45; 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) GEOG B3; GEOL B1a(L), B10**, B10(L)**; PHYS B2a(L)** , B4a(L)**.**

B. **BIOLOGICAL SCIENCES:** **ANTH B1; BIOL B3a(L), B3b(L), B11(L), B15(L), B16(L), B32 (L), B33(L), B20(L); CRPS B10(L); PSYC B1B.**

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, B2*, 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.