# scci | SACRAMENTO CITY COLLEGE 

2018-2019 CATALOG ADDENDUM \| JUNE 2018



## Sacramento City College

## 2018-2019 Catalog Addendum, June 2018 <br> Updated August 2018, effective June 1


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## Associate in Arts (A.A.)

## Associate in Science (A.S.)

2018-19 GRADUATION REQUIREMENTS
All students MUST satisfy the following four requirements to earn an Associate in Arts/Science degree:

1. Complete a minimum of 60 degree applicable units with an overall grade point average of 2.0 (" $C$ " average). A minimum of 12 units must be completed at Sacramento City College.
2. Complete each required course with a grade of "C" or better for a "MAJOR" offered at Sacramento City College (see catalog for the list of majors).
3. Complete all general education requirements, Areas I, II (a \& b), III (a \& b, or c), IV, V (a \& b), and VI.
4. Complete all three (3) Competency Requirements (reading, writing, and mathematics).

EXCEPTION: Students who possess a baccalaureate or higher degree completed ata college or university accredited through a CHEA (Council for Higher Education Accreditation) recognized Regional Accrediting Agency will have satisfied general education and competency requirements (\#3 and 4 listed above) for the Associate in Arts or Associate in Science degree. Degrees from accredited institutions outside of the United States will be evaluated on a case-by-case basis.

1. Note: Courses marked with an asterisk (*) are listed in more than one area but can be used to satisfy ONLY ONE AREA (except Area VI, Ethnic/Multicultural Studies).

COMPETENCY REQUIREMENTS - Complete all three areas (A, B, and C)

## A. READING Competency

1. Achieve a qualifying reading score onthe firstorsecond English assessmentor
2. Complete one of the following courses with a grade of " C " or better:

ENGRD 208 or ENGRD 310 or ENGRD 312 or ESLR 340 or
3. Satisfactory completion of one of the following General Education Patterns:

The Intersegmental General Education Transfer Curriculum (IGETC); or The
California State University General Education-Breadth Requirements or
4. Obtain a satisfactory score on a college-level reading examination or
5. Possess an AA/AS degree or higher froma regionally accredited college in the U.S. or
6. Pass an equivalentcourse ata regionally accredited college.

## B. WRITING Competency

1. Complete one of the following courses with a grade of " $C$ " or better: BUS 310 or ENGWR 300 or 488 or ESLW 340 or
2. Pass an equivalent course ("C" grade or better) at a regionally accredited college in the U.S.

## C. MATHEMATICS Competency

1. Complete one of the following courses with a grade of " $C$ " or better: ECON 310; MATH 110, 120, 121, 124, 135, 140, 300, 310, 335, 340, 342, 350, 351, 370, 400, 401, 402, 410, 420; STAT 300, 480 or
2. Obtain a satisfactory score on the mathematics competency examination or
3. Pass an equivalent course ("C" grade or better) at a regionally accredited college in the U.S.

## 2018-19 General Education Requirements

## Area I - Humanities (3 units minimum)

ANTH 331; ARABIC 401, 402; ART 300, 320, 390, 430, 440; ARTH 300, 301, 304, 306, 307, 308, 310, 312, 313, 314, 318, 320, 324, $325,328,330,332,334,410,420,484,486,487,488$; CANT 401, 402, 411, 412; COMM 305; DEAF 310, 312, 314, 316, 353, 380; ENGCW 400, 410, 420, 431; ENGLT 303, 304, 310, 311, 317, 320, 321, 327, 331, 332, 334, 335, 345, 346, 360, 365, 370, 380, 392, 400, 401, 403, 404, 480, 481; ENGWR 301*, 303; ESLR 340; FASHN 330; FREN 101, 102, 111, 112, 401, 402, 411, 412; GREEK 401, 402; HIST 300*, 302*, 373*, 380*; HUM 300, 310, 320, 332, 352, 370; INDIS 350*, 351*, 352*, 353*; ITAL 401, 402; JAPAN 401, 402, 411, 412; KOREAN 401, 402; MAND 401, 402, 411, 412; MUFHL 305, 309, 310, 311, 315, 320, 330, 400, 481, 482; PHIL 300*, 306, 310, 330, 331, 333, 338, 352, 353, 368*, 480, 481; PHOTO 302; PNJABI 401, 402; PRSIAN 401, 402; RUSS 101, 102, 401, 402, 411, 412; SPAN 401, 402, 411, 412, 413, 415, 425, 427; TA 300, 302, 303, 308, 454, 455; TAFILM 300, 302, 303, 304, 307, 308, 309 TGLG 401, 402; VIET 401, 402

Area II - Languages and Rationality (6 units minimum) - 3 units from II (a) and 3 units from II (b)
II (a) - English Composition (3 units minimum): BUS 310; ENGWR 300, 301*, 302*, 303, 482*, 488*; ESLW 340
II (b) - Communication and Analytical Thinking (3 units minimum):
AERO 300; CISC 310; CISN 300, 302, 303, 304, 306, 308, 315 (2 units), 320, 336, 340, 341, 346, 378; CISP 301, 310, 320, 350, 360, 400, 401, 430, 440, 452; CISW 400, 410; COMM 301, 303, 311, 315, 316, 331, 341*, 361; ECE 326; ECON 310; ENGLT 328;
ENGRD 310; ENGWR 302*, 303, 482*, 488*; ET 314; GEOG 330; MATH 110, 120, 124, 135, 140, 300, 310, 335, 340, 342, 350, 351, 352, 370, 400, 401, 402, 410, 420; MET 352; PHIL 300*, 320, 325, 328; PSYC 335; SOC 302, 305*; STAT 300, 480; SURVY 300

Area III - Living Skills (3 units minimum) - 1 course from III (a) and 2 units minimum from III (b) OR III (c) if student meets Military Service Credit requirements.
III (a) - Physical Education (1 course) - any activity course from:
FITNS; KINES; PACT; SPORT (except SPORT 90); TMACT
III (b) - Life Development Skills (2 units minimum):
ADMJ 303*; AH 126, 301; BUS 320, 498 (minimum 2 units); COMM 321, 335; ECE 314*, 415; EDT 498 (minimum 2 units); FCS 320*, $324^{*}$; GERON 300*, 301, 302; HCD 110, 310, 312, 330 (1 unit); HEED 300, 301,321 (1 unit), 340, 353; INDIS 240 ( 1 unit), 340 ( 1 unit); KINES 411, 412, 418; LIBR 318 (1 unit), 325; LIBT 325; NUTRI 300*, 302, 310, 322, 330, 480*; PSYC 356*, 358*, 370*, 374, 390*, 392, 405*, 410; SOC 310*, 335*, 344*; WEXP 198, 498 (minimum 2 units); WGS 300

III (c) Area III waived for Military Service Credit (honorable discharge) with minimum ofone(1) year active duty service.
Submit copy of DD214 to the Admissions \& Records office.
Area IV - Natural Sciences (3 units minimum) - Courses with (L only) indicates a lab course only for one unit.
ADMJ 332, ANTH 300, 301 (L only), 303*, 480; ASTR 310, 320, 330, 400 (L only); BIOL 100, 305, 308, 314, 320, 321, 326, 327, 330, $332,342,350,351,352,370,402,412,422,430,431,434,440$; CHEM 300, 305, 306, 309, 320, 330, 336, 400, 401, 410, 420, 421, 425,426 ; GEOG 300, 301 (L only), 302, 305, 306, 308, 331; GEOL 302, 305, 306 (L only), 308, 310, 311 (L only), 325, 345; NUTRI 300*, 480*; PHYS 310, 350, 360, 410, 420, 430; PSYC 310, 311(L only), 314, 315, 316

Area V - Social and Behavioral Sciences ( 6 units minimum) - One course from $V(a)$ and one from $V(b)$
$\mathrm{V}(\mathrm{a})$ - American Institutions (3 units): HIST 310, 311*, 314*, 320*, 321*, 483*, 484*, 485*, 486*, 487*; POLS 301, 304,481
V (b) - Other: ADMJ 349; ANTH 310, 320, 323, 331, 332, 334, 341, 481; BUS 300, 330345 ; COMM 325, 341*, 351, DEAF 351, 352, 355; ECE 312, 314*; ECON 100, 302, 304; ENGWR 384; ETHNS 300, 320, 330, 340, 341, 350, 351; FCS 320*, 324; GEOG 310, 320; GERON 300*; HIST 300*, 302*, 307, 308, 309, 310*, 311*, 314*, 320*, 321*, 344, 360, 364, 365, 373*, 375, 380*, 381, 483*, 484*, $485^{*}, 486^{*}, 487^{*}$; INDIS 350*, 351*, 352*, 353*; JOUR 310, 320; PHIL 368*, POLS 301*, 302, 303, 304*, 310, 312, 313, 320, 322, 340, 350, 480; PSYC 300, 320, 340, 352, 356*, 358* 360, 364, 367, 370, 390*, 480; SOC 300, 301, 305*, 310*, 318, 319, 321, 335*, 341, $343,344^{*}, 345,350,380,382,385$ (maximum 1 unit), 480, 481, 482; WGS 300, 302
VI. - Ethnic/Multicultural Studies (0-3 units minimum) - Most of these courses are also listed in Areas I-V and can be used to meet General Education requirements. Terms in parentheses note the effective term.
ADMJ 302 (F98); AH 301 (F07); ANTH 310 (F97), 331 (F96), 332 (F95), 334 (F95), 341 (F05), 481 (F97); ARTH 320 (F93), 324 (F93), 325 (F07), 328 (F93), 330 (F93), 332 (F93); BUS 330 (F04); COMM 325 (F93); DEAF 355 (F15), 362 (S16); ECE 430 (F93); ENGLT 327 (F06), 331 (F08), 332 (F08), 334 (F95), 335 (F99), 345 (F09), 346 (F99), 360 (F97), 365 (F09), 480 (F95), 481 (F95); ESLR 340 (F15); ETHNS 300 (F15), 320; (F15), 330 (F15), 340 (F15), 341 (F15), 350 (F15), 351 (F15); GEOG 310 (F95); HIST 307 (F98), 308 (F98), 309 (F93), 310 (F99), 311 (F99), 314 (F12), 320 (F93), 321 (F93), 344 (F96), 360 (F03), 364 (F93), 365 (F93), 373 (F93), 375 (F12), 380 (F04), 381 (F14), 483 (F00), 484 (F00) 485 (F17), 486 (F17), 487 (F17); HUM 320 (F16); JOUR 320 (F95); MUFHL 330 (F06); NUTRI 310 (F09); PHIL 352 (F93), 353 (F93); POLS 312 (F07), 480 (S15); PSYC 367; SOC 321 (F93), SOC 482 (F14); TA 308 (F01), 454 (F93), 455 (F93); TAFILM 307 (S14)

## 2018-19

## CALIFORNIA STATE UNIVERSITY General Education-Breadth Requirements

To complete these requirements, students must have a 2.0 or higher grade point average (GPA) for all courses taken to complete the General Education-Breadth Requirements. To transfer, students must meet the following requirements:

1. 60 transferable units to include a minimum of 30 units from theGeneral Education-Breadth Requirements,
2. Completion of Area A1,A2,A3, and Area B4 with a grade of "C" or better,
3. 2.0gradepoint average foralltransferablecourseworkcompleted.

The CSU General Education-Breadth Requirements may change each year. It is the student's responsibility to check with a counselor for updated CSU General Education-Breadth Requirements.
**Courses are listed in more than one section in that area or other areas but can only be used once to satisfy a requirement.


## C2 - Humanities: Literature, Philosophy, Languages Other than English

ARABIC 401, 402; CANT 401, 402, 411, 412; DEAF 310, 312, 314, 316, 353, 355, 380; ENGCW 400, 410; ENGLT 303, 304, 310, $311,317,320,321,327,328,331,332,334 * *, 335,345,346,360,365,370,380,392,401,403 * *, 480,481$; ESLR 340; FASHN 330; FREN 401, 402, 411, 412; GREEK 401, 402; HIST 300**, 302**, 307**, 308**, 310**, 311**, 314**, 320**, 321**, 360**, $364^{* *}, 365^{* *}, 373^{* *}, 375^{* *}, 380^{* *}, 483^{* *}, 484^{* *}, 485^{* *}$; HUM 300, 310, 320, 332**, 352**; ITAL 401, 402; JAPAN 401, 402, 411, 412; KOREAN 401, 402; MAND 401, 402, 411, 412; PHIL 300**, 306, 310, 330, 331, 333, 338, 352, 353, 368**, 480, 481; PNJABI 401, 402; PRSIAN 401, 402; RUSS 401, 402, 411, 412; SPAN 401, 402, 411, 412, 413, 415; 425, 427; TAFILM 307 **; TGLG 401, 402; VIET 401, 402

Area D - Social Sciences (9 units minimum)
Three courses from at least two different subject areas.
U.S. History, Constitution and American Ideals- CSU graduation requirement but not part of the CSU Certification. Can count toward the 9 units for AREA D.

POLS $301^{* *}$ or $481^{* *}$ paired with
HIST $310^{* *}$ or $311^{* *}$ or $320^{* *}$ or $321^{* *}$ or $483^{* *}$ or $484^{* *}$
OR
HIST 310** or 320** or 483** paired with
HIST $311^{* *}$ or $321^{* *}$ or $484^{* *}$ or POLS $301^{* *}$ or $304^{* *}$ or $481^{* *}$

ADMJ 349; ANTH 310, 320, 323, 331, 332, 334, 341, 481; BUS 330, 345; COMM 321, 325, 335, 341, 351; DEAF 351;
ECE 312**, 314**; ECON 302, 304; ENGLT 334**; ENGWR 384; ETHNS 300, 320, 330, 340, 341, 350, 351; FCS 320**, 324**;
GEOG 302, 310, 320; GERON 300**, 302**; HIST 300**, 302**, 307**, 308**, 309, 310**, 311**, 314, 320**, 321**, 344, 360**, 364**, 365**, 373**, 375**, 380**, 381, 483**, 484**, 485; JOUR 310, 320; NUTRI 310; PHIL 368** ;
POLS 301**, 302, 303, 304**, 310, 312, 313, 320, 322, 340, 350, 480, 481**; PSYC 300, 314, 316, 320, 335, 340**, 352, $356 * *, 360^{* *}, 364,367,370^{* *}, 374^{* *}, 390^{* *}, 392^{* *}$ ( 2 units), 480; SOC 300, 301, 302, 310**, 318, 319, 321, 335**, 341**, 343, 344**, 345, 350, 375, 480, 481, 482; WGS 300, 302

AreaE. Lifelong Learning and Self Development(3 units minimum)
BIOL 342**; ECE 312**, 314**, 415; FCS 320**, 324**; GERON 300**, 302**; HCD 310; HEED 300; 301, 353, KINES 411, 418; NUTRI 300, 302, 330, 480; Physical Education Activity (not more than one unit of PE activity may count in Area E with the following prefixes) FITNS, KINES, PACT, SPORT, TMACT; PSYC 340**, 356**, 358, 360**, 370**, 374**, 390**, 392** (2 units), 410; SOC 310**, 335**, 341**, 344**

## 2018-19 Intersegmental General Education Transfer Curriculum (IGETC) University of California or California State University

Completion ofALLtherequirements(full-certification) intheIGETCwill permitastudentwhotransfersfroma community college to a campus in either the California State University or University of California system without the need, after transfer to take additional lower-divisiongeneral education courses. Students mustmeet with a counselor to request the IGETCCertification. All courses must be completed with a "C" grade or better.
NOTE: The IGETC is NOT appropriate for certain majors and/or campuses. Please consult with a counselor.
**Courses are listed in more than one area but can only be used once to satisfy a requirement.
THEIGETCREQUIREMENTS MAYCHANGE EACH YEAR.
It is the student's responsibility to check with a counselor each yearforupdated IGETC information. See a counselor prior to transfer concerning certification.

## Area 1-English Communication

ForCSU- threecourses required, one from each Area1A, 1B and 1C
For UC- two courses required, one fromeach Area1A, 1B
1A - English Composition (one course, 3 units required)
ENGWR 300, 488

|  | 1B-Critical Thinking - English Composition (one course, 3 units required) <br> COMM 316; ENGWR 301, 302, 303, 482; PHIL 328; SOC 305 |
| :---: | :---: |
|  | 1C-Oral Communication - CSU REQUIREMENT ONLY (one course, 3 units required) <br> COMM 301, 311, 331, 361 |

Area 2 - Mathematical Concepts and Quantitative Reasoning (one course, 3 units required)
CISP 440; ECON 310; MATH 300, 340, 350, 351, 370, 400, 401, 402, 410, 420; STAT 300, 480

Area 3 - Arts and Humanities (threecourses, 9 units required)
Three courses with at least one from the Arts and one from Humanities.

3A - Arts
ARTH 300, 304, 306, 307, 308, 310, 312, 313, 314, 318, 320, 324, 325, 328, 330, 332, 334, 410, 484, 486, 487, 488; COMM 305; ENGLT 400, 403**, 404; GCOM 305; MUFHL 305, 309, 310, 311, 315, 320, 330, 400, 401, 410, 411, 481, 482; TA 300, 302, 303, 308, 454; TAFILM 300, 302, 303, 304, 320

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3B - Humanities
ANTH 331**; ARTH 301, 484; CANT 411, 412; DEAF 314, 316, 380; ENGLT 303, 304, 310, 311, 317, 320, 321, 327, 328, 331,
332, 334, 335, 345, 346, 360, 365, 380, 392, 401, 403**, 480, 481; FASH 330, FREN 411, 412; HIST 300, 302, 307**, 308**,
310**, 311**, 314**, 320**, 321**, 360**, 364, 365, 373, 375, 380**, 483**, 484**, 485**; HUM 300, 310, 320, 332, 352;
JAPAN 411, 412; MAND 411, 412; PHIL 300, 306, 310, 330, 331, 333, 338, 352, 353, 368, 480, 481; RUSS 411, 412; SPAN
411, 412, 413, 415, 425, 427; TAFILM 307
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Area 4 (Area 4A-4J in ASSIST) - Social and Behavioral Sciences (three courses, 9 units required)
Three courses from at least two disciplines.
ADMJ 349; ANTH 310, 320, 323, 331**, 332, 334, 341, 481; BUS 345; COMM 321, 325, 335, 351; DEAF 351, 355, 362; ECE 312, 314; ECON 302, 304; ENGWR 384; ETHNS 300, 320, 330, 340, 341, 350, 351; FCS 320, 324; GEOG 302, 310, 320; GERON 300, 302; HIST 307, 308, 309, 310*, 311*, 314, 320*, 321*, 344, 360**, 375, 380**, 381, 483*, 484*, 485; JOUR 310, 320; NUTRI 310; POLS 301*, 302, 303, 304*, 310, 312, 313, 320, 322, 340, 350, 480, 481*; PSYC 300, 316, 320, 335, 340, 352, 356, 360, 364, $367,370,374,390,480$; SOC 300, 301, 302, 310, 318, 319, 321, 335, 341, 343, 344, 345, 350, 480, 481, 482; WGS 300, 302

Area 5 - Physical and Biological Sciences (two courses, 7-9 units required)
One Physical Science course and one Biological Science course; at least one course must include a related laboratory that is designated with an (L). The lecture course must be taken concurrently with or prior to the laboratory.

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5A - Physical Science
ASTR 310, 320, 330, 400 (Lonly); CHEM300 (L), 305 (L), 306 (L), 309 (L), 320 (L), 330 (L), 336 (L), 400 (L), 401 (L), 410 (L), 420 (L),
421 (L), 425 (L), 426 (L); GEOG 300, 301 (Lonly), 305, 306, 308; GEOL302 (L), 305, 306 (Lonly), 308, 310, 311 (Lonly), 325,345;
PHYS 310, 350 (L), 360 (L), 410 (L), 420 (L), 430 (L)
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## 5B - Biological Science

ANTH 300, 301 (L only), 480; BIOL 305 (L), 308, 309 (L only), 314, 315 (L only), 326, 327(L only), 342, 350, 351, 352, 370 (L), 402 (L), 412 (L), 422 (L), 430 (L), 431 (L), 434, 440 (L); PSYC 310, 311 (L only)

5C - Laboratory Activity (any course from 5A or 5B with an "L" or "L only" designation).
AREA 6 Language Other Than English - (UC REQUIREMENT ONLY)
Completion of a college level foreign language course or higher:
ARABIC 401, 402; CANT 401; 402, 411, 412; FREN 401, 402, 411, 412; ITAL 401, 402; JAPAN 401, 402, 411, 412; KOREAN 401, 402; MAND 401, 402, 411, 412; PNJABI 401, 402; PRSIAN 401, 402; RUSS 401, 402, 411, 412; SPAN 401, 402, 411, 412, 413, 415; TGLG 401, 402; VIET 401, 402

OR DEAF 310, 312, 314, 316
OR completion of two years of the same foreign language in high school level work with a grade of " $C$ " or better
OR completion of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English with a grade of " C " or better (Appropriate documentation must be presented to substantiate that the required coursework was completed.)
OR earn a score of 3 or higher on the Foreign Language Advanced Placement test

## (NOT PART OF IGETC)

CSU Graduation Requirement in U.S. History, Constitution, and American Ideals, may be completed prior to transfer Six units, choose one two-course combination from section 1 or 2:

1. POLS 301 or 481 -PLUS- HIST 310 or 311 or 320 or 321 or 483 or 484
or
2. HIST 310 or 320 or $483-\quad$ PLUS- HIST 311 or 321 or 484 or POLS 301 or 304 or 481

## Anthropology

ANTH
Degree:
A.A. - Anthropology

AA-T - Anthropology for Transfer

## Division of Behavioral and Social Sciences <br> Kacey Gardner, Dean <br> Rodda Hall North, room 226 <br> 916-558-2401

## Correction to Required Program

Associate Degree<br>for Transfer

A Degree with a Guarantee.

## Anthropology

Associate in Arts for Transfer

## Program Information

Anthropology is the study of humans. Anthropologists study our species throughout time, focusing on our diverse modern culture and cultural adaptations, our biological classification as a species, our inclusion in the Order Primates, and our species' past developments, including our first steps to our first civilizations. The goal of Anthropology is to study the similarities and differences in biological and cultural adaptations and features across the globe throughout our human history.

Anthropology is a holistic discipline, which means that anthropologists study all aspects of humans and our behavior. The field of Anthropology has been broken up into four main subfields: Cultural Anthropology, Physical Anthropology, Archaeology, and Linguistics. Cultural Anthropology is concerned with the study of human culture and its variations across time and space. Physical Anthropologists aim to study our species from a biological perspective - examining our DNA, relationship to our closest animal relatives, the primates, and the fossil evidence of our earliest human ancestors. Archaeology is the study of our past, focused specifically on reconstructing past behavior by looking at objects used by past people. Linguistic Anthropologists study human language and communication.

The Associate in Arts in Anthropology for Transfer degree offers courses that satisfy lower division General Education requirements in both the physical and social sciences, providing students with a solid foundation in Anthropology as well as the standard prerequisites for upper division coursework leading to the baccalaureate degree. Students planning to transfer to a CSU with a major in Anthropology should consult the lower division requirements at the university they plan to attend.
The Associate Degree for Transfer student completion requirements (as stated in SB1440 law):
(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

## Note to transfer students:

The Associate Degree for Transfer program is designed for students who plan to transfer to a California State University (CSU). Other than the required core, the courses you choose to complete this degree will depend to some extent on the selected CSU for transfer. In addition, some CSU-GE Breadth or IGETC requirements can also be completed using courses required for this Associate Degree for Transfer major (known as "double-counting"). Meeting with a counselor to determine the most appropriate course choices will facilitate efficient completion of your transfer requirements. For students wishing to transfer to other universities (UC System, private, or out-of-state), the Associate Degree for Transfer may not provide adequate preparation for upper-division transfer admissions, because many universities require more lower division courses than those in this degree. Even the CSUs that accept this transfer degree may likely require more lower division courses to achieve the Bachelor degree. It is critical that you meet with a SCC counselor to select and plan the courses for the major, as programs vary widely in terms of the required preparation.

## Career Opportunities

Anthropologists with baccalaureate or graduate degrees work as archaeological technicians or project directors for private, state or federal organizations, museum managers, forensic specialists in police departments and crime labs, primatologists and zoo curators, teachers, consultants or analysts for private, government or educational institutions or non-profit organizations.

## Upon completion of this program, the student will be able to:

- demonstrate understanding of the processes of science, the scientific method, and the relationship between scientific research and established knowledge.
- speak clearly about anthropology demonstrating knowledge of basic anthropological terminology and concepts.
- write essays explaining anthropological processes in clear and concise terms.
- demonstrate both content knowledge and test taking skills when completing essay, objective, and multiple choice exams.
- demonstrate content knowledge in the broad areas of anthropology, including evolution, culture, genetics, archaeology, and human evolution.
- reach and express logical conclusions drawn on anthropological data.
Required Program
ANTH 300 Physical Anthropology (3) ............................................. 3
or ANTH 480 Honors Physical Anthropology (3)
ANTH 310 Cultural Anthropology (3) 3
or ANTH 481 Honors Cultural Anthropology (3)
ANTH 323 Introduction to Archaeology ............................................ 3
A minimum of 6 units from the following:........................................... 6
ANTH 301 Physical Anthropology Laboratory (1)
ANTH 331 The Anthropology of Religion (3)
ANTH 334 Native Peoples of North America (3)
ANTH 341 Introduction to Linguistics (3)
A minimum of 3 units from the following: ............................................ 3
ANTH 303 Introduction to Forensic Anthropology (3)
or ADMJ 332 Introduction to Forensic Anthropology (3)
ANTH 332 Native Peoples of California (3)
GEOG 310 Human Geography:
Exploring Earth's Cultural Landscapes (3)
GEOG 320 World Regional Geography (3)
SOC 345 Global Women's Issues (3)
or WGS 302 Global Women's Issues (3)
Total Units Required
Associate in Arts for Transfer Degree
The Associate in Arts in Anthropology for Transfer (AA-T) degree may
be obtained by completion of 60 transferable, semester units with
a minimum 2.0 GPA, including (a) the major or area of emphasis
described in the Required Program, and (b) either the Intersegmental
General Education Transfer Curriculum (IGETC) or the California State
University General Education-Breadth Requirements.


## Computer Information Science

Degrees:<br>A.S. - Computer Science<br>A.S. - Information Processing<br>A.S. - Information Systems Security<br>A.S. - Management Information Science<br>A.S. - Network Administration<br>A.S. - Network Design<br>A.S. - Web Developer<br>Certificates of Achievement:<br>Advanced CISCO Networking<br>Business Information Worker<br>Computer Science<br>Data Science<br>Front-End Web Developer<br>Information Processing Specialist<br>Information Processing Technician<br>Information Systems Security<br>Management Information Science<br>Network Administration<br>Network Design<br>PC Support<br>Programming<br>Web Developer<br>Web Production Specialist

## New Program

## Data Science

## Certificate of Achievement

## Program Information

This certificate is designed for students who aspire to master the essential knowledge and skills required for big data storage, discovering, analyzing, visualizing, and application. Students will learn to derive value from vast amounts of data and apply big data analytics techniques to make effective data-driven decisions.

## Career Opportunities

Successful completion of the program will provide students job opportunities in data science.

Data science-related job titles such as data scientist, data analyst, big data analyst, zbusiness analyst, and SAS programmer are all possible job opportunities.

The top five industries hiring big data-related expertise include Professional, Scientific and Technical Services, Information Technologies, Manufacturing, Finance and Insurance and Retail Trade.

Upon completion of this program, the student will be able to:

- explain how big data is useful in business or career.
- demonstrate understanding of the five Vs of big data (volume, velocity, variety, veracity, and value).
- evaluate the core concepts behind big data problems, applications, and systems.
- analyze big data using statistical methods and techniques.
- apply big data analytics techniques for effective data-driven decision-making.

| Required Program | Units |
| :---: | :---: |
| CISA 324 Database Management using SQL (2) |  |
| or CISP 350 Database Programming (3) |  |
| CISP 301 Algorithm Design and Implementation ........................... 4 |  |
| CISP 357 Introduction to Big Data |  |
| CISP 358 Data Analysis |  |
| CISP 359 Big Data Analytics .................................................... 4 |  |
| Total Required Units | 18-19 |

## Certificate of Achievement

A Certificate of Achievement may be obtained by completion of the required program with grades of "C" or better or equivalent.

## New Courses

CISP 357 Introduction to Big Data 4 Units
Prerequisite: CISP 301 with a grade of " $C$ " or better Advisory: BUS 310 with a grade of "C" or better Hours: 54 hours LEC; 54 hours LAB
This is an introductory course covering important terminology, concepts, and computer languages commonly used in big data analytics and data science. Specific topics include converting raw data to data sets, importing and exporting data, and data set reconstruction.

CISP 358 Data Analysis
4 Units
Prerequisite: CISP 357 with a grade of " $C$ " or better Hours: 54 hours $L E C$; 54 hours $L A B$
This course covers statistical modeling, analysis of variance, regression, and categorical data analysis. Students will explore and summarize data, apply multiple comparison techniques in ANOVA, use chi-square statistics to detect associations among categorical variables, and fit multiple logistic regression models. Emphasis is on fitting models, verifying the model assumptions, and using alternative analysis strategies when necessary.

## CISP $359 \quad$ Big Data Analytics

4 Units
Prerequisite: CISP 357 with a grade of " $C$ " or better
Hours: 54 hours LEC; 54 hours LAB
This course covers techniques for predicting outcomes with supervised machine learning, unearthing patterns in customer behavior, and analyzing structured, unstructured, and big data.

## English ENGCW, ENGED, ENGLB, ENGLT, ENGRD, ENGWR

| Degree: | Division of Language and Literature <br> A.A. - English |
| :--- | :--- |
| AA-T - English for Transfer | Rodda Hall South, room 226 |
| Coursework: | $916-558-2325$ |${ }^{\text {ENGCW - English-Creative Writing }}$| EDGED - English-Education |
| :--- |

## New Course

ENGRD 118 Accelerated College Reading 2 Units
Prerequisite: ENGRD 11 with a grade of " C " or better, or placement through the assessment process.
Corequisite: ENGRD 310
Hours: 36 hours LEC
This course provides intensive instruction and practice in critical reading and thinking skills necessary for success in ENGRD 310. Reading assignments are connected to assignments in ENGRD 310, so that the student might succeed at that course.

## Interdisciplinary Studies

## INDIS

## Degree

A.A. - Interdisciplinary Studies: Arts and Humanities
A.A. - Interdisciplinary Studies: Environmental Literacy
A.A. - Interdisciplinary Studies: Math and Science
A.A. - Interdisciplinary Studies: Social and Behavioral Sciences

New Course Designator and Courses

## Modern Making - MAKR

MAKR 299 Experimental Offering in Modern Making
Prerequisite: None.
Hours: 18 lecture $L E C$; 27 hours $\angle A B$
See Experimental Offerings

MAKR 499 Experimental Offering
in Modern Making
Prerequisite: None.
Hours: 18 lecture $L E C$; 27 hours $L A B$
See Experimental Offerings

## Kinesiology FITNS, KINES, PACT, SPORT, TMACT

## Degrees:

A.A. - Kinesiology - Exercise Science

AA-T - Kinesiology for Transfer
Certificate of Achievement:
Athletic Coaching Certification
Fitness Instructor Certification

Division of Kinesiology, Health, and Athletics
Mitchell Campbell, Dean/Athletic Director
Hughes Stadium, Section 1B
916-558-2425

FITNS - Fitness
KINES - Kinesiology
PACT - Personal Activity
SPORT - Sports
TMACT - Team Activities

## Correction to Required Program

Associate Degree
for Transfer
A Degree with a Guarantee.

## Kinesiology

## Associate in Arts for Transfer

## Program Information

This Kinesiology program is designed to provide an opportunity for students to complete the lower division coursework required for fouryear programs in at least one kinesiology/physical education degree option. This program is for students who plan to transfer to a California State University (CSU). Completion of the CSU General-Breadth or IGETC general education pattern is required. It is highly recommended that students meet with a counselor because the degree options and general education requirements vary for each college/university.
The Associate Degree for Transfer (ADT) student completion requirements (as stated in SB1440 law):
(1) Completion of a minimum of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California State University General Education-Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district
(2) Obtainment of a minimum grade point average of 2.0. ADTs also require that students must earn a " $C$ " or better in all courses required for the major or area of emphasis.

## Career Opportunities

The Kinesiology degree is designed to facilitate students' successful transfer to the baccalaureate programs. Baccalaureate programs may include, but are not limited to, exercise science, health promotion, physical education, therapeutic exercise and rehabilitation, and exercise and movement science. The Associate in Arts in Kinesiology can provide a foundation for students interested in working in these careers or careers in related fields.

Upon completion of this program, the student will be able to:

- identify and apply standards required by the profession of choice.
- demonstrate and articulate a statement of values or code of ethics related to the major that reflects his or her respect for different ideas, peoples, and cultures.
- develop an understanding of the uses of technology in kinesiology, physical education, and sports analysis, research, and results.
- demonstrate continued personal and professional development by reviewing current literature, participating in associations, or sharing knowledge and experience with others.
- demonstrate an understanding of human development, both normal and abnormal, and the implications for program design.
- demonstrate an understanding of the basic structure of the human body and how its various systems respond.
- apply knowledge of the human body to develop appropriate fitness programs and fitness assessments to evaluate and analyze program and student success.

| Required Program Units |  |
| :---: | :---: |
| KINES 300 Introduction to Kinesiology.............................................. 3 <br> BIOL 430 Anatomy and Physiology................................................... 5 <br> BIOL 431 Anatomy and Physiology................................................... 5 <br> A minimum of 3 units from the following:. $\qquad$ <br> Select one course maximum from three of the following areas. | A minimum of 4 units from the following: .. 4 <br> BIOL 308 Contemporary Biology (3) <br> and BIOL 309 Contemporary Biology Laboratory (1) <br> PHYS 350 General Physics (4) <br> STAT 300 Introduction to Probability and Statistics (4) or STAT 480 Introduction to Probability and Statistics - Honors (4) |
| Aquatics: <br> FITNS 310 Aquatic Fitness I (1) <br> or FITNS 312 Aquatic Fitness (1) <br> or FITNS 440 Swimming I (1) <br> or FITNS 441 Swimming II (1) <br> or FITNS 442 Swimming III (1) <br> or FITNS 443 Swimming IV (1) <br> or FITNS 444 Swimming V (1) <br> Fitness: <br> FITNS 306 Aerobics: Cardio-Kickboxing (1) <br> or FITNS 307 Aerobic Mix (1) <br> or FITNS 308 Step Aerobics (1) <br> or FITNS 321 Core Conditioning (1) <br> or FITNS 324 Mat Pilates (1) <br> or FITNS 326 Mat Pilates II (1) <br> or FITNS 331 Boot Camp Fitness (1) <br> or FITNS 336 Plyometrics: Advanced Conditioning (1) <br> or FITNS 343 Spin Bike (1) <br> or FITNS 344 Dynamic Fitness Training I (1) <br> or FITNS 356 Trim and Tone Conditioning (0.5-1) <br> or FITNS 381 Weight Training (1) <br> or FITNS 383 Olympic and Power Weight Lifting (1) <br> or FITNS 390 Basic Yoga (1) <br> or FITNS 401 Walking (0.5-1) <br> or FITNS 402 Running for Fitness (0.5-1) <br> or FITNS 412 Martial Arts: Taekwondo (1) | A minimum of 5 units from the following: 5 $\qquad$ <br> CHEM 305 Introduction to Chemistry (5) <br> CHEM 309 Integrated General, Organic, and Biological Chemistry (5) <br> CHEM 400 General Chemistry I (5) <br> Associate in Arts for Transfer Degree <br> The Associate in Arts in Kinesiology for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements. |
| Individual Sports: <br> PACT 330 Boxing (1) or PACT 340 Fencing (1) or PACT 350 Golf I (1) or PACT 351 Golf II (1) or PACT 410 Wrestling (1) or PACT 390 Tennis I (1) or PACT 391 Tennis II (1) |  |
| ```Team Sports: TMACT 300 Soccer, Indoor (1) or TMACT 301 Indoor Soccer II (1) or TMACT 302 Soccer - Outdoor (1) or TMACT 303 Outdoor Soccer II (1) or TMACT 304 Outdoor Soccer III (1) or TMACT 320 Basketball (1) or TMACT 321 Basketball II (1) or TMACT 322 Basketball III (1) or TMACT 330 Volleyball (1) or TMACT 331 Volleyball II (1) or TMACT 333 Volleyball III (1) or TMACT 340 Football (1) or TMACT 370 Water Polo (1)``` |  |

## Correction

Non-STEM Math Sequence


## College President

## Vice Presidents

Administration
Instruction
Student Services

## Associate Vice Presidents

Economic and Workforce Development
Enrollment and Student Services
General Education and Outreach Programs

## Deans

Advanced Technology
Behavioral and Social Sciences
Business and Computer Information Science
Counseling and Student Success
Davis Center
Financial Aid and Student Services
Humanities and Fine Arts
Information Technology
Kinesiology, Health, and Athletics
Language and Literature
Learning Resources
Mathematics/Statistics and Engineering
Planning, Research, and Institutional Effectiveness
Science and Allied Health
Student Equity and Success
West Sacramento Center

## Additional Senior Leadership Members

Administrative Services Director
College Store Manager
Communications and Public Information Officer
Director of Donor Relations
Los Rios Police Captain
Nursing Program Director
HSI-SAGE Director
HSI-STEM Director

Michael Gutierrez

Carrie Bray
Albert J. Garcia, Ed.D.
Michael C. Poindexter

Gabriel Meehan
To Be Announced
To Be Announced

Donnetta Webb
Kasey Gardner
Deborah L. Saks, Ph.D.
Andre V. Coleman, Ph.D.
Donald Palm
Miguel Molina, Ph.D.
Chris R. Iwata
Kirk Sosa
Mitchell L. Campbell
To Be Announced
Kevin M. Flash
Daniel Styer, Ph.D.
Marybeth Buechner, Ph.D.
James Collins, J.D.
Molly Springer, Ed.D.
Art Pimentel

Margaret Lednicky
Marie Hyde
Kaitlyn MacGregor
William "Dan" McCarty
John McPeek
Carel Mountain, D.N.P.
Lorena Jauregui, Ed.D.
Martin Ramirez

## Bray, Carrie (2017)

Vice President, Administrative Services
B.S., M.S., California State University, Sacramento

Buechner, Marybeth (2009)
Dean, Planning, Research, and Institutional Effectiveness
B.S., Ball State University

Ph.D., University of California, Davis
Campbell, Mitchell L. (2007)
Dean, Kinesiology, Health and Athletics
B.S., University of California, Davis
M.A., Humboldt State University

Coleman, Andre V. (2016)
Dean, Counseling and Student Success
B.A., Occidental College
M.S., California State University, Long Beach
Ph.D., Touro University
Collins, James (2005)
Dean, Science and Allied Health
B.A., University of Arizona (History/ Chemistry)
M.A., University of Arizona
J.D., University of Pacific, McGeorge, Sacramento

Flash, Kevin M. (2015)
Dean, Learning Resources
B.S., The Ohio State University
M.A., California State University, Sacramento

Garcia, Albert J. (1991)
Vice President, Instruction
B.A., California State University, Chico
M.F.A., University of Montana

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Dean, Behavioral and Social Sciences
A.A., Moorpark College
B.S., Western Kentucky University
M.A., University of the Pacific
M.B.A., Saint Mary's College of California

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College President
A.B., Princeton University
M.P.A., University of Texas at Austin, Lyndon B. Johnson School of Public Affairs

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B.S., California State University, Sacramento

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Dean, Humanities and Fine Arts
B.A., M.A., California State University, Northridge

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Director, HSI-Students in A Global Economy (SAGE)
B.A. - UC Davis
M.S. - Sacramento State University

Ed.D. - CANDEL University of California, Davis

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Director, Administrative Services
B.Arch., University of Kansas

McCarty, William D. (2018)
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B.A., Colorado State University
M.A., University of Colorado

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Associate Vice President, Instruction, Economics \& Workforce Development
B.A., University College, Galway, Ireland
M.A., California State University, Sacramento

Molina, Miguel (2018)
Dean, Financial Aid \& Student Services
B.A., M.A., California State University, Sacramento
Ed.D., University of California, Davis
Mountain, Carel (2016)
Director, Nursing Programs
A.S., Pacific Union College
B.S., Pacific Union College
M.S.N., Sonoma State University
D.N.P., California State University, Fresno

Palm, Donald R. (2001)
Dean, Davis Center
B.A., University of Washington
M.A., San Francisco State University

Pimentel, Art (2014)
Dean, West Sacramento Center
B.A., M.A., California State University, Sacramento

Poindexter, Michael (2006)
Vice President, Student Services
B.A., Creighton University
M.Ed., University of Northern Iowa

Ramirez, Martin (2017)
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A.A., American River College
B.A., California State University, Northridge
M.A., California State University, Sacramento

Saks, Deborah (2012)
Dean, Business and Computer Information Science Division
B.S., M.B.A., Ph.D., Indiana University

## Sosa, Kirk (2018)

Dean of Information Technology
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Dean, Student Equity and Success
B.A., University of California, Los Angeles
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Ed.D., New England College
Styer, Daniel L. (2003)
Dean, Mathematics/Statistics and Engineering
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M.S., University of Nebraska, Lincoln NE

