

assist

Student-Transfer Information System

eTranscript Conference

Monday, March 14, 2016



ASSIST Facts

- Partnership between 113 CCCs, 23 CSUs, and 9 UCs
- Jointly funded by the CCC, CSU, and UC systems
- ASSIST Coordination Site



A Critical Tool For Transfer

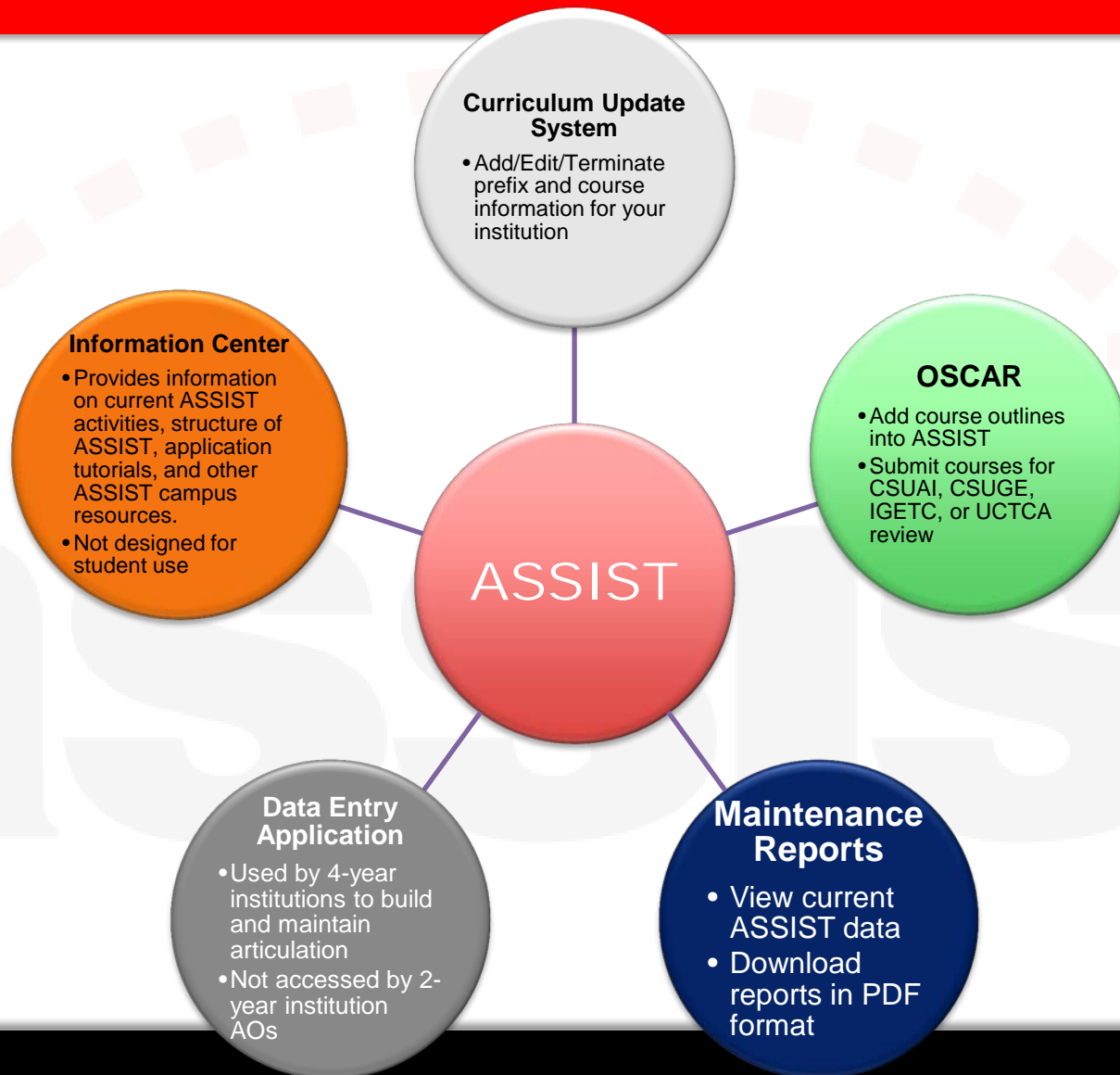
- ASSIST generated nearly 16 million articulation agreements and transferability lists for more than 1.7 million unique users in 2015
- Number of successful transfers:
 - Over 57,000 CCC students to CSU in 2014–15
 - Over 15,000 CCC students to UC in 2014–15



ASSIST Next Gen

- What is coming?
 - The Next Generation of ASSIST
 - New Design
 - New Features
- When will it be available?
 - CCC, CSU and UC Articulation Officers: January 2017
 - Public: Summer 2017
- Why is it needed?
 - Simplify Transfer
 - Enhance Data Sharing

Legacy ASSIST

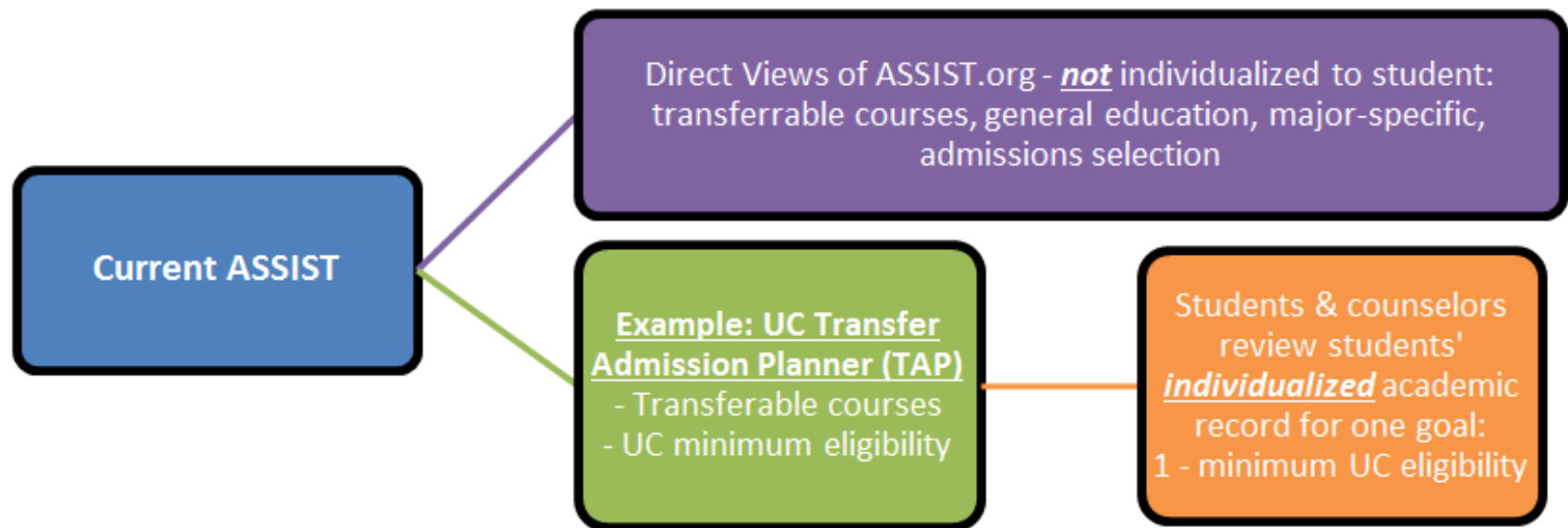


ASSIST Next Gen



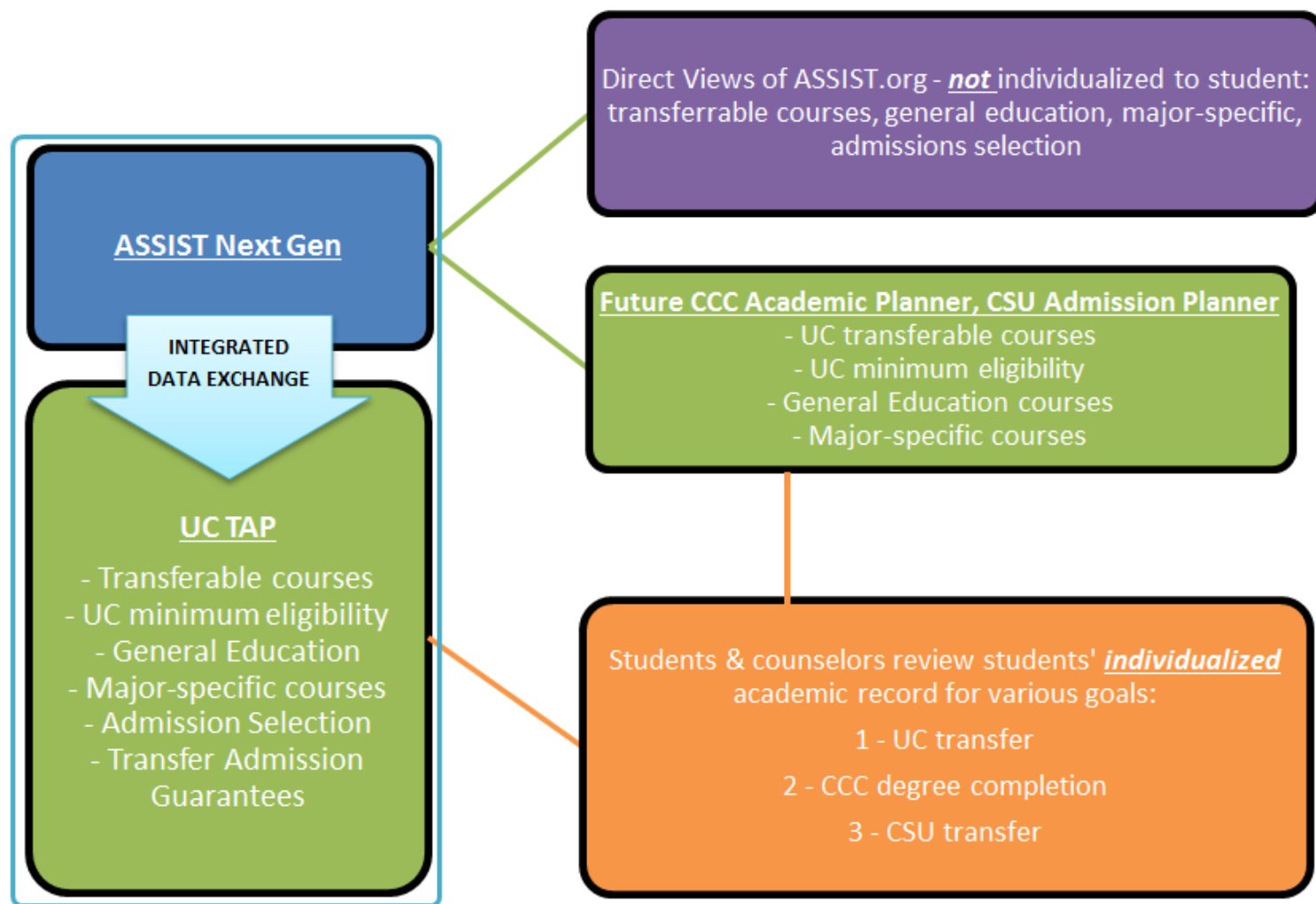
ASSIST Data

Figure 1: Current Data Sharing between ASSIST and Example Academic Planning System



ASSIST Data (cont.)

Figure 2: Enhanced Data Sharing between ASSIST and Academic Planning Systems





ASSIST Home Page

Legacy ASSIST



Home

About ASSIST

FAQs

Using ASSIST

What is ASSIST?

Help Topics

Articulation Agreements

C-ID

CSU American Ideals

CSU GE-Breadth

Exploring Majors

IGETC

Transferable Courses

UC Transfer Admis Eligibility

Related Information

ASSIST Information Center

CSU Admissions

Financial Aid

General Advising

International Transfer

Interstate Transfer

Private Institutions

Related Sites

Schedules and Catalogs

Transcripts

UC Admissions

Welcome to ASSIST

ASSIST is an online student-transfer information system that shows how course credits earned at one public California college or university can be applied when transferred to another. ASSIST is the official repository of articulation for California's public colleges and universities and provides the most accurate and up-to-date information about student transfer in California.

There are two ways to look up information in ASSIST.

Explore Transfer Information

If you have already chosen a major or know what kind of information you want to see, select the transfer information you want to display by choosing an institution below. You can select the institution you are transferring from or to.

Click here to select an institution

Explore Majors


If you want to find out about a specific major, search for majors that interest you, or explore majors available at university campuses in California, click Explore Majors below.


Explore Majors

This site is best viewed at screen resolution 1024 x 768 with Internet Explorer 5 or later or Netscape 6 or later.

ASSIST Home Page

ASSIST Next Gen





Welcome to ASSIST!

California State University, San Bernardino

ASSIST is an online student-transfer information system that shows how course credits earned at one public California college or university can be applied when transferred to another. ASSIST is the official repository of articulation for California's public colleges and universities and provides the most accurate and up-to-date information about student transfer in California.

Explore Transfer Information

Select the transfer information you want to display by choosing an institution below. You can select the institution you are transferring to or from.

--Select an Institution--

Chaffey College

Citrus College

City College of San Francisco

Clovis Community College

Coastline Community College

College of Alameda

College of Marin

College of San Mateo

College of the Canyons

College of the Desert

go

Explore Majors

If you want to find out about a specific major, search below for majors that interest you...

Search:

go

[User and need some background information](#)

ASSIST seeks to facilitate student transfer between public higher education institutions in the state of California. Transfer information viewed on this site is not applicable to private institutions of higher education.

Info Center

Need Help?

FAQ

Tutorials

Contact Us

ASSIST Home Page

The image shows a screenshot of the ASSIST Home Page. A 'Need Help?' modal window is open, displaying 'Help Information'. The modal lists several topics under 'Articulation Agreements', including 'Articulation Agreements', 'CSU History, Constitution, and American Ideals', 'CSU General Education-Breadth', 'IGETC - Intersegmental General Education Transfer Curriculum', 'Transferable Courses', and 'UC Transfer Admissions Eligibility Courses'. The background of the page is dimmed, showing a 'Welcome' message and a search bar.

Need Help?

Help Information

- [Articulation Agreements](#)
- CSU History, Constitution, and American Ideals
- CSU General Education-Breadth
- IGETC - Intersegmental General Education Transfer Curriculum
- Transferable Courses
- UC Transfer Admissions Eligibility Courses

Articulation Agreements

Articulation agreements are formal agreements between two campuses. They define how courses taken at one college or university campus can be used to satisfy a subject matter requirement at another college or university campus. To see articulation agreements, start by choosing a college or university.

Articulation agreements in ASSIST are developed and entered into the ASSIST database by the receiving campus (the university campus to which a student transfers). Each university campus is responsible for the content and format of its own articulation. The analysis, evaluation, and data entry of all campus-to-campus articulation is done on the individual university campuses. Not all university campuses provide articulation with every college or for all of their majors or departments. Many university campuses concentrate on their primary feeder colleges and their most popular transfer majors.

Most articulation in ASSIST identifies community college courses that can be used in lieu of a university course to satisfy a specific lower-division requirement at the university campus. University-to-university articulation is not a priority in ASSIST, but there is a small amount in the database.

For information about transferring to campuses or programs that are not listed in ASSIST, contact an admissions or departmental advisor at the university campus you plan to attend.

[Top](#)



CSU History, Constitution, and American Ideals

The California State University, before awarding a degree, requires students to complete courses or examinations that address:

- The historical development of American institutions and ideals (Area US-1),

ASSIST seeks to facilitate student transfer between public higher education institutions in the state of California. Transfer information viewed on this site is not applicable to private institutions of higher education.

Transfer Information, Explore Majors and Compare Courses By Major



Transfer Information

Explore Majors

Compare Courses By Major

Academic Year

Selected Institution

Transfer Institution

2015-2016

Santa Monica College

---GE/Transfer Only---

Transferable Courses

CSU Transferable Courses at Santa Monica College

UC Transferable Courses at Santa Monica College

UC Transfer Admission Eligible Courses at Santa Monica College

C-ID Designators at Santa Monica College

General Education/Breadth Areas

IGETC Approved Courses at Santa Monica College

CSUGE Approved Courses at Santa Monica College

CSUAI Approved Courses at Santa Monica College

Agreements by

Departments

Search...

Select All

Accounting

Administration of Justice

American Sign Language

Anatomy

Anthropology

Arabic

Architecture

Art


Art History

Astronomy

Automotive Technology

Bilingual/Bicultural Studies


ASSIST Transferable Course Lists



Transfer Information

Explore Majors

Compare Courses By Major



Academic Year

Selected Institution

Transfer Institution

2015-2016

Santa Monica College

---GE/Transfer Only---

Transferable Courses

Agreements by Departments

☐ CSU Transferable Courses at Santa Monica College

☐ UC Transferable Courses at Santa Monica College

☐ UC Transfer Admission Eligible Courses at Santa Monica College

☐ C-ID Designators at Santa Monica College

General Education/Breadth Areas

☐ IGETC Approved Courses at Santa Monica College

☒ CSUGE Approved Courses at Santa Monica College

☐ CSUAI Approved Courses at Santa Monica College

Search...

☐ Select All

☐ Accounting

☐ Administration of Justice

☐ American Sign Language

☐ Anatomy

☐ Anthropology

☐ Arabic

☐ Architecture

☐ Art

☐ Art History

☐ Astronomy

☐ Automotive Technology

☐ Bilingual/Bicultural Studies

ASSIST Transferable Course Lists

Legacy ASSIST

Print This Report

Change Report or Institution

CSU GE Certification Course List by Department

Santa Monica College (15-16)

Course	Title	Semstr Units	Cert Area	Date Apprvd	Date Rmvd
==== American Sign Language ====					
ASL 1	American Sign Language 1	5	C2	F06	
ASL 2	American Sign Language 2	5	C2	F07	
==== Anatomy ====					
ANATMY 1	General Human Anatomy	4	B2 B3 E	F98 F98	F99
ANATMY 2	Advanced Human Anatomy	4	B2 B3	F98 F98	
==== Anthropology ====					
ANTHRO 1	Physical Anthropology	3	B2		
ANTHRO 2	Cultural Anthropology	3	D1		
ANTHRO 3	World Archaeology	3	D1	F90	
ANTHRO 4	Methods of Archaeology	3	D1	F00	
ANTHRO 5	Physical Anthropology with Laboratory	4	B2 B3		
ANTHRO 7	Introduction to Linguistic Anthropology	3	D1	SU07	
ANTHRO 8	Laboratory Methods in Physical Anthropology	1	B2 B3		F97 F97
ANTHRO 9	Paleoanthropology	3	B2	S02	
ANTHRO 13	Urban Anthropology	3	D1		S95
ANTHRO 14	Sex, Gender and Culture	3	D1		

ASSIST Transferable Course Lists

ASSIST Next Gen

View Report						
CSU GE Certification Course List						
Santa Monica College (Semester)						
ACADEMIC YEAR 15-16						
IMPORTANT						
The courses listed below will satisfy CSU General Education requirement areas as indicated.						
There may be some additional comments related to certain courses on this list. Please review the CSU GE Approved Course List for the year in which the course was taken previously or the 14-15 CSU GE Approved Course List to determine if additional course comments are available.						
American Sign Language						
Course	Title	Semester Units	Areas	Other Areas	Date Apprvd	Date Rmvd
ASL 1	American Sign Language 1	5.00	C2		F06	
ASL 2	American Sign Language 2	5.00	C2		F07	
Anatomy						
Course	Title	Semester Units	Areas	Other Areas	Date Apprvd	Date Rmvd
ANATMY 1	General Human Anatomy	4.00	B2, B3, E		F95	
ANATMY 2	Advanced Human Anatomy	4.00	B2, B3		F98	
Anthropology						
Course	Title	Semester Units	Areas	Other Areas	Date Apprvd	Date Rmvd
ANTHRO 1	Physical Anthropology	3.00	B2		F95	
ANTHRO 2	Cultural Anthropology	3.00	D1		F95	
ANTHRO 3	World Archaeology	3.00	D1		F90	
ANTHRO 4	Methods of Archaeology	3.00	D1		F00	
ANTHRO 5	Physical Anthropology with Laboratory	4.00	B2, B3		F95	
ANTHRO 7	Introduction to Linguistic Anthropology	3.00	D1		SU07	
ANTHRO 8	Laboratory Methods in Physical Anthropology	1.00	B2, B3		F95	SU97

ASSIST Transferable Course Lists

Legacy ASSIST

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IGETC Course List by Department
Santa Barbara City College (15-16)

<u>Course</u>	<u>Title</u>	<u>Units</u>	<u>Area</u>	<u>Apprvd</u>	<u>Rmvd</u>
==== Administration of Justice ====					
AJ 101	Introduction to the Administration of Justice	3	4J	F92	
AJ 102	Ethics and the Criminal Justice System	3	4J	F07	
AJ 104	Introduction to Corrections	3	4J	F09	
AJ 105	Diversity, Law and Justice	3	4C	F08	
			4H	F08	
AJ 107	Concepts of Criminal Law	3	4J	F96	
AJ 125	Introduction To Criminology	3	4J	F08	
AJ 245	Constitutional Law	3	4H	F08	

Note: Courses approved for Fall 91 may be taken prior to Fall 91
Courses approved for Fall 92 or later may NOT be taken prior to Fall 92

==== American Sign Language ====					
ASL 101	Beginning American Sign Language I	5	6A	F99	
* ASL 102	Beginning American Sign Language II	5	3B	S01	
			6A	F05	
ASL 103	Intermediate American Sign Language I	5	3B	S07	
ASL 104	Intermediate American Sign Language II	5	3B	S07	
ASL 125	American Deaf Culture and History	3	3B	F07	

ASSIST Transferable Course Lists

ASSIST Next Gen

View Report					
IGETC Course List - All Departments					
Santa Barbara City College (Semester)					
ACADEMIC YEAR 2015-2016					
IMPORTANT					
Transfer credit may be limited by either CSU policy or UC policy or both. Please review the CSU GE Approved Course List as well as the UC Transferable Course List in addition to consulting with a counselor.					
Note: Pursuant to UC policy, courses listed in multiple areas 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.					
ADMINISTRATION OF JUSTICE					
<u>Course</u>	<u>Title</u>	<u>Semester Units</u>	<u>Areas</u>	<u>Date Apprvd</u>	<u>Date Rmvd</u>
AJ 101	Introduction to the Administration of Justice	3.00	4J	F1992	
AJ 102	Ethics and the Criminal Justice System	3.00	4J	F2007	
AJ 104	Introduction to Corrections	3.00	4J	F2009	
AJ 105	Diversity, Law and Justice	3.00	4C 4H	F2008 F2008	
AJ 107	Concepts of Criminal Law	3.00	4J	F1996	
AJ 125	Introduction To Criminology	3.00	4J	F2008	
AJ 245	Constitutional Law	3.00	4H	F2008	
AMERICAN SIGN LANGUAGE					
<u>Course</u>	<u>Title</u>	<u>Semester Units</u>	<u>Areas</u>	<u>Date Apprvd</u>	<u>Date Rmvd</u>
ASL 101	Beginning American Sign Language I	5.00	6A	F1999	
ASL 102	Beginning American Sign Language II	5.00	3B 6A	S2001 F2005	
ASL 103	Intermediate American Sign Language I	5.00	3B	S2007	
ASL 104	Intermediate American Sign Language II	5.00	3B	S2007	
ASL 125	American Deaf Culture and History	3.00	3B	F2007	

ASSIST Articulation Agreements



Transfer Information

Explore Majors

Compare Courses By Major



Academic Year Selected Institution

2015-2016

Santa Monica College

Transfer Institution

California State University, Los Ang...

Articulation Agreements

☐ [Articulation agreements to California State University, Los Angeles from Santa Monica College](#)

Transferable Courses

- ☐ CSU Transferable Courses at Santa Monica College
- ☐ UC Transferable Courses at Santa Monica College
- ☐ UC Transfer Admission Eligible Courses at Santa Monica College
- ☐ C-ID Designators at Santa Monica College
- ☐ C-ID Designators at California State University, Los Angeles

General Education/Breadth Areas

- ☐ IGETC Approved Courses at Santa Monica College
- ☐ CSUGE Approved Courses at Santa Monica College
- ☐ CSUAI Approved Courses at Santa Monica College

ASSIST Articulation Agreements

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Print This Report

Change Report or Institution

Articulation Agreement by Major
Effective During the 15-16 Academic Year

To: CSU Los Angeles | From: Santa Monica College
Quarter | Semester

Articulation Agreement by Major
Effective during the 15-16 Academic Year

====Biochemistry - BS====

University Requirement:

CSULA is an impacted campus. Campus impaction requires that we give priority admission consideration to first time freshman applicants and upper division transfers from within our local area. For additional information regarding impaction please visit <http://www.calstatela.edu/univ/admiss/impaction/>

ENGL 102 Composition II (4) | ENGL 2 Critical Analysis and (3)
Intermediate Composition

A minimum C grade is required

Requirements for the Major (121 units)

The Bachelor of Science degree in Biochemistry is designed to fit the needs of those who plan to complete their formal education with the bachelor's degree and obtain positions in scientific and industrial laboratories, attend health professional schools, or do graduate study in biochemistry or molecular life sciences.

Students who expect to earn a bachelors degree in Chemistry or Biochemistry in the minimum time should include courses in chemistry, physics, geometry, trigonometry, and algebra (two years) in their high school preparation.

It should also be noted that the chemistry programs are tightly structured and that students should begin calculus and physics sequences at the earliest possible time in order to complete the degree in four years.

CHEM 101 & General Chemistry I (5) | CHEM 11 & General Chemistry I (5)
CHEM 102 & General Chemistry II (5) | CHEM 12 General Chemistry II (5)
CHEM 103 General Chemistry III (5) |

CHEM 280 Introduction to Biomolecules (3) | CHEM 31 Biochemistry I (5)
|

CHEM 291A Organic Chemistry (3) |

CHEM 291B Organic Chemistry (3) | CHEM 22 Organic Chemistry II (4)

CHEM 292A Organic Chemistry Laboratory (2) |

CHEM 292B Organic Chemistry Laboratory (2) | CHEM 24 Organic Chemistry II Laboratory (2)

BIOL 100A Introductory Biology I (5) |

BIOL 100B Introductory Biology II (5) |

MATH 206 & Calculus I: Differentiation (4) | MATH 7 & Calculus 1 (5)
|

MATH 207 & Calculus II: Integration (4) | MATH 8 & Calculus 2 (5)

MATH 208 & Calculus III: Sequences, Series and Coordinate Systems (4) | MATH 11 Multivariable Calculus (5)
|

MATH 209 Calculus IV: Several Variables (4) |

ASSIST Articulation Agreements

ASSIST Next Gen

Articulation Agreement by Major

Effective during the 15-16 Academic Year

To: California State University, Los Angeles
15-16 General Catalog, Quarter

From: Santa Monica College
15-16 General Catalog, Semester

Biochemistry - BS

IMPORTANT INFORMATION

CSULA is an impacted campus. Campus impactation requires that we give priority admission consideration to first time freshman applicants and upper division transfers from within our local area. For additional information regarding impactation please visit <http://www.calstatela.edu/univ/admiss/impaction/>.

Requirements for the Major (121 units)

The Bachelor of Science degree in Biochemistry is designed to fit the needs of those who plan to complete their formal education with the bachelor's degree and obtain positions in scientific and industrial laboratories, attend health professional schools, or do graduate study in biochemistry or molecular lifesciences.

Students who expect to earn a bachelors degree in Chemistry or Biochemistry in the minimum time should include courses in chemistry, physics, geometry, trigonometry, and algebra (two years) in their high school preparation.

It should also be noted that the chemistry programs are tightly structured and that students should begin calculus and physics sequences at the earliest possible time in order to complete the degree in four years.

For Chemistry and Biochemistry majors, only courses with a grade of C- or higher in the major program are credited toward the degree. Successful completion of the major requires a minimum C (2.0) overall grade point average in required courses and a minimum C (2.0) grade point average in upper division required courses and electives. Students who have taken community college organic chemistry have the option of earning credit by examination in CHEM 291A, 291B, and/or 301.

Only courses with a grade of C- or higher in the major program are credited toward the degree.

UNIVERSITY REQUIREMENT

ENGL 102 - Composition II (4.00)



ENGL 2 - Critical Analysis and Intermediate Composition (3.00)

- Minimum grade required: C

LOWER DIVISION MAJOR REQUIREMENTS

CHEM 101 - General Chemistry I (Units: 5.00)
AND
CHEM 102 - General Chemistry II (Units: 5.00)
AND
CHEM 103 - General Chemistry III (Units: 5.00)



CHEM 11 - General Chemistry I (5.00)
--- AND ---
CHEM 12 - General Chemistry II (5.00)

CHEM 280 - Introduction to Biomolecules (3.00)



CHEM 31 - Biochemistry I (5.00)

CHEM 291A - Organic Chemistry (3.00)



Not Articulated

CHEM 291B - Organic Chemistry (3.00)



CHEM 22 - Organic Chemistry II (4.00)

CHEM 292A - Organic Chemistry Laboratory (2.00)



Not Articulated

CHEM 292B - Organic Chemistry Laboratory (2.00)



CHEM 24 - Organic Chemistry II Laboratory (2.00)

BIOL 100A - Introductory Biology I (5.00)



Not Articulated

BIOL 100B - Introductory Biology II (5.00)



Not Articulated

MATH 206 - Calculus I: Differentiation (Units: 4.00)
AND
MATH 207 - Calculus II: Integration (Units: 4.00)
AND
MATH 208 - Calculus III: Sequences, Series and Coordinate Systems (Units: 4.00)
AND
MATH 209 - Calculus IV: Several Variables (Units: 4.00)



MATH 7 - Calculus 1 (5.00)
--- AND ---
MATH 8 - Calculus 2 (5.00)
--- AND ---
MATH 11 - Multivariable Calculus (5.00)

PHYS 211 - Mechanics (Units: 5.00)
AND
PHYS 212 - Waves, Optics, and Thermodynamics (Units: 5.00)
AND
PHYS 213 - Electricity and Magnetism (Units: 5.00)



PHYSICS 21 - Mechanics with Lab (5.00)
--- AND ---
PHYSICS 22 - Electricity and Magnetism with Lab (5.00)
--- AND ---
PHYSICS 23 - Fluids, Waves, Thermodynamics, Optics with Lab (5.00)

New: ASSIST Pinboard

Save agreements, lists, and other items to a virtual pinboard

The screenshot displays the ASSIST Pinboard interface. At the top, the ASSIST logo is on the left, and navigation tabs for 'Transfer Information', 'Explore Majors', and 'Compare Courses By Major' are on the right. Below the tabs, there are three dropdown menus: 'Academic Year' (set to 2014-2015), 'Selected Institution' (set to Los Medanos College), and 'Transfer Institution' (set to ---GE/Transfer Only---). The main content area is divided into two columns. The left column has two sections: 'Transferable Courses' and 'General Education/Breadth Areas'. Under 'Transferable Courses', there are four radio button options: 'CSU Transferable Courses at Los Medanos College', 'UC Transferable Courses at Los Medanos College' (which is selected), 'UC Transfer Admission Eligible Courses at Los Medanos College', and 'C-ID Designators at Los Medanos College'. Under 'General Education/Breadth Areas', there are three radio button options: 'IGETC Approved Courses at Los Medanos College', 'CSUGE Approved Courses at Los Medanos College', and 'CSUAI Approved Courses at Los Medanos College'. The right column is titled 'Agreements by Departments' and features a search bar. Below the search bar is a list of departments with radio button options: English, English as a Second Language, Environmental Sciences, Filipino, Fire Technology, French, Geography, Geology, History, Human Services, Humanities, Italian, Journalism, Leadership And Community Involvement, and Library Studies. To the right of the 'Environmental Sciences' radio button, there are two buttons: 'pin to board' and 'view'. The 'pin to board' button is circled in red.

assist **Transfer Information** **Explore Majors** **Compare Courses By Major**

Academic Year: 2014-2015 Selected Institution: Los Medanos College Transfer Institution: ---GE/Transfer Only---

Transferable Courses

- ☐ CSU Transferable Courses at Los Medanos College
- ☒ UC Transferable Courses at Los Medanos College
- ☐ UC Transfer Admission Eligible Courses at Los Medanos College
- ☐ C-ID Designators at Los Medanos College

General Education/Breadth Areas

- ☐ IGETC Approved Courses at Los Medanos College
- ☐ CSUGE Approved Courses at Los Medanos College
- ☐ CSUAI Approved Courses at Los Medanos College

Agreements by Departments

Search...

- ☐ English
- ☐ English as a Second Language
- ☐ Environmental Sciences **pin to board** **view**
- ☐ Filipino
- ☐ Fire Technology
- ☐ French
- ☐ Geography
- ☐ Geology
- ☐ History
- ☐ Human Services
- ☐ Humanities
- ☐ Italian
- ☐ Journalism
- ☐ Leadership And Community Involvement
- ☐ Library Studies

New: ASSIST Pinboard

Save agreements, lists, and other items to a virtual pinboard

SELECTED DOCUMENTS FOR ACADEMIC YEAR

Welcome to the ASSIST pinboard! The pinboard is a helpful tool to help you collect, review, and save documents from the ASSIST website. Documents saved to the pinboard can be viewed, printed or downloaded to allow easier access to multiple documents. The contents of the pinboard persist for your current browser session. To access the contents of your pinboard from another computer or to save the contents for future use, save the pinboard using the 'save' button at the bottom of the pinboard or email a link to your pinboard using the 'Email Pinboard' link at the top of the pinboard.

2014-2015

CSU Transferable
- All Departments

Allan Hancock College

download · view · remove

2014-2015

Articulated Courses for
Art

Allan Hancock College to
California State University,
Chico

download · view · remove

2014-2015

Articulated Courses for
Hebrew

Allan Hancock College to
California State University,
Chico

download · view · remove

2014-2015

CSU Transferable - Department
Art

Chaffey College

download · view · remove

2014-2015

UC Transferable - Department
Environmental Sciences

Los Medanos College

download · view · remove

Download All

Print All

Email Pinboard

08A4C549-B3FB-4606-925D-334A602324F4

ENTER KEY

CLEAR PINBOARD

save

New: ASSIST Pinboard

Save agreements, lists, and other items to a virtual pinboard

SELECTED DOCUMENTS FOR ACADEMIC YEAR

Welcome to the ASSIST pinboard! The pinboard is a helpful tool to help you collect, review, and save documents from the ASSIST website. Documents saved to the pinboard can be viewed, printed or downloaded to allow easier access to multiple documents. The contents of the pinboard persist for your current browser session. To access the contents of your pinboard from another computer or

YOUR PINBOARD KEY IS:

08A4C549-B3FB-4606-925D-334A602324F4

Store this key in a safe place; it's the only way to retrieve your pinboard!

08A4C549-B3FB-4606-925D-334A602324F4

ENTER KEY

CLEAR PINBOARD

save

SELECTED DOCUMENTS FOR ACADEMIC YEAR

Welcome to the ASSIST pinboard! The pinboard is a helpful tool to help you collect, review, and save documents from the ASSIST website. Documents saved to the pinboard can be viewed, printed or downloaded to allow easier access to multiple documents. The contents of the pinboard persist for your current browser session. To access the contents of your pinboard from another computer or

ENTER PINBOARD KEY

If you have previously used ASSIST to view agreements, you may have received a pinboard number. You can use that number to retrieve the pinboard you worked on.

- - - -

cancel

load pinboard

08A4C549-B3FB-4606-925D-334A602324F4

ENTER KEY

CLEAR PINBOARD

save

New: ASSIST Pinboard

Or, e-mail the pinboard to another user for future review!

SELECTED DOCUMENTS FOR ACADEMIC YEAR

Welcome to the ASSIST pinboard! The pinboard is a helpful tool to help you collect, review, and save documents from the ASSIST website. Documents saved to the pinboard can be viewed, printed or downloaded to allow easier access to multiple documents. The contents of the pinboard persist for your current browser session. To access the contents of your pinboard from another computer or

EMAIL YOUR PINBOARD

Use the simple form below to share or save your pinboard.

To:

cancel

send

08A4C549-B3FB-4606-925D-334A602324F4

ENTER KEY

CLEAR PINBOARD

save

ASSIST Explore Majors

Legacy ASSIST

Exploring Majors

ASSIST Home • Exploring Majors Home • Majors • UC Campuses • CSU Campuses • Community Colleges • Course Articulation

University Majors

Biological Sciences Majors

The following majors are available at university campuses for the selected discipline. The campuses that offer the major are identified next to each major name. Click a campus abbreviation

Animal Biology B.S. ([UCD](#))

Anthropology (Biological Anthropology) B.A. ([UCSD](#))

Anthropology B.S. ([UCD](#))

Applied Mathematics, B.S. - Computational Biology Emphasis ([UCM](#))

Aquatic Biology B.S. ([UCSB](#))

Biochemistry - Molecular Biology B.S. ([UCSB](#))

Biochemistry and Molecular Biology B.S. ([UCD](#), [UCI](#))

Biochemistry B.S. ([CSUN](#), [SFSU](#))

Biological Science B.A. ([SJSU](#))

Biological Science B.A. - Biology Education Option ([CSUEB](#))

Biological Science B.A. - General Biology Option ([CSUEB](#))

Biological Science B.A., Preparation for Teaching ([SJSU](#))

Biological Science B.S. ([CSUFULL](#))

Biological Science B.S. - Cell and Molecular Option ([CSUEB](#))

Biological Science B.S. - Ecology and Conservation Biology Option ([CSUEB](#))

Biological Science B.S. - Forensic Science Option ([CSUEB](#))

Biological Science B.S. - General Biology Option ([CSUEB](#))

Biological Science B.S. - Microbiology/Biomedical Lab Science Option ([CSUEB](#))

Biological Science B.S. - Physiology Option ([CSUEB](#))

Biological Science B.S. Concentration in Cell and Developmental Biology ([CSUFULL](#))

Biological Science B.S. Concentration in Ecology and Evolutionary Biology ([CSUFULL](#))

Biological Science B.S. Concentration in Marine Biology ([CSUFULL](#))

Biological Science B.S. Concentration in Molecular Biology and Biotechnology ([CSUFULL](#))

Biological Science B.S., (Concentration in Ecology and Evolution) ([SJSU](#))

Biological Science B.S., (Concentration in Marine Biology) ([SJSU](#))

Biological Science B.S., (Concentration in Microbiology) ([SJSU](#))

Biological Science B.S., (Concentration in Molecular Biology) ([SJSU](#))

Biological Science B.S., (Concentration in Systems Physiology) ([SJSU](#))

Biological Sciences A.B. ([UCD](#))

Biological Sciences B.A. ([CSUC](#), [CSUS](#), [CSUSTAN](#), [UCSB](#))

Biological Sciences B.S. ([CPSLO](#), [CSUC](#), [CSUSM](#), [UCD](#), [UCI](#), [UCM](#), [UCSB](#))

Biological Sciences B.S. Concentration in Anatomy and Physiology ([CPSLO](#))

Biological Sciences B.S. Concentration in Biology Education ([CSUSTAN](#))

Biological Sciences B.S. Concentration in Biomedical Sciences ([CSUS](#))

Biological Sciences B.S. Concentration in Cell & Molecular Biology ([CSUS](#))

Biological Sciences B.S. Concentration in Clinical Laboratory Sciences ([CSUS](#))

Biological Sciences B.S. Concentration in Ecology ([CPSLO](#), [CSUSM](#), [CSUSTAN](#))

Biological Sciences B.S. Concentration in Ecology, Evolution & Conservation ([CSUS](#))

Biological Sciences B.S. Concentration in Environmental Sciences ([CSUSTAN](#))

Biological Sciences B.S. Concentration in Field and Wildlife Biology ([CPSLO](#))

Biological Sciences B.S. Concentration in General Biology ([CSUS](#), [CSUSTAN](#))

Biological Sciences B.S. Concentration in Marine Biology and Conservation ([CPSLO](#))

Biological Sciences B.S. Concentration in Microbiology ([CSUS](#))

Biological Sciences B.S. Concentration in Molecular and Microbial Biology ([CSUSTAN](#))

Biological Sciences B.S. Concentration in Molecular Cell Biol. and Biotechnology ([CSUSM](#))

Biological Sciences B.S. Concentration in Organismal Biology ([CSUSTAN](#))

Biological Sciences/Education, B.S. ([UCI](#))

Biological Sciences B.S. Concentration in Forensic Biology ([CSUS](#))

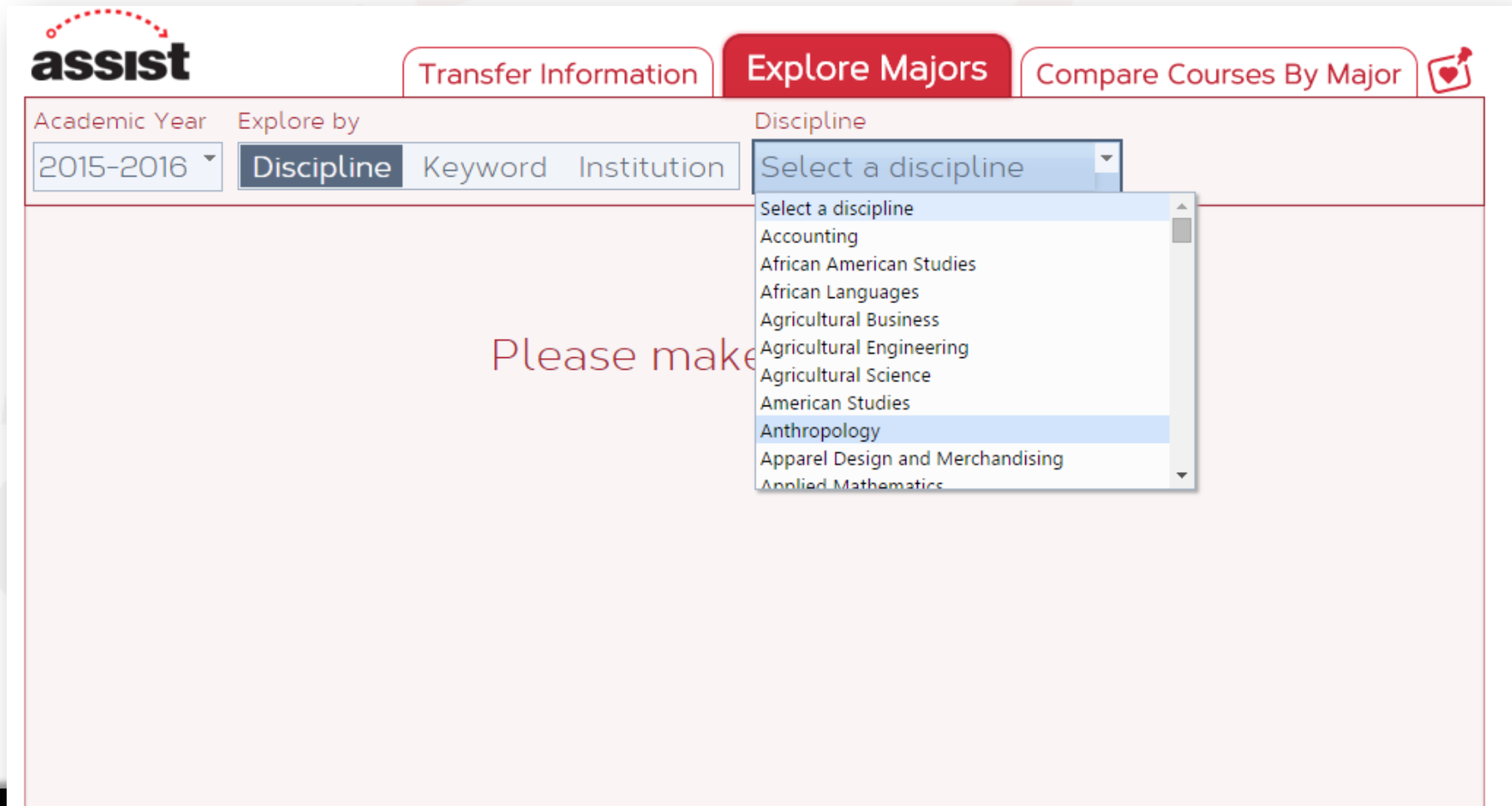
Biology - Ecology and Evolution Option B.S. ([CSUSB](#))

Biology - Integrated Teaching Track B.A. ([CSUSB](#))

Biology - Pre-Med Option B.A. ([CSUSB](#))


ASSIST Explore Majors

Search by Discipline



The screenshot displays the ASSIST Explore Majors web interface. At the top left is the ASSIST logo. To its right are three navigation tabs: "Transfer Information", "Explore Majors" (which is highlighted in red), and "Compare Courses By Major" (which includes a heart icon). Below these tabs is a search bar with the following components: "Academic Year" with a dropdown menu showing "2015-2016"; "Explore by" with three buttons: "Discipline" (highlighted in dark blue), "Keyword", and "Institution"; and a "Discipline" dropdown menu. This dropdown menu is open, showing a list of disciplines. The first two items are "Select a discipline" (highlighted in light blue) and "Select a discipline" (in regular text). The remaining items are: Accounting, African American Studies, African Languages, Agricultural Business, Agricultural Engineering, Agricultural Science, American Studies, Anthropology (highlighted in light blue), Apparel Design and Merchandising, and Applied Mathematics. The background of the interface is light gray, and the text "Please make" is partially visible in the center.

assist

Transfer Information **Explore Majors** Compare Courses By Major 

Academic Year 2015-2016 Explore by Discipline Keyword Institution Discipline


Select a discipline


- Select a discipline
- Accounting
- African American Studies
- African Languages
- Agricultural Business
- Agricultural Engineering
- Agricultural Science
- American Studies
- Anthropology
- Apparel Design and Merchandising
- Applied Mathematics

Please make

ASSIST Explore Majors

Search by Keyword







Transfer Information **Explore Majors** Compare Courses By Major 

Academic Year Explore by Search by keywords

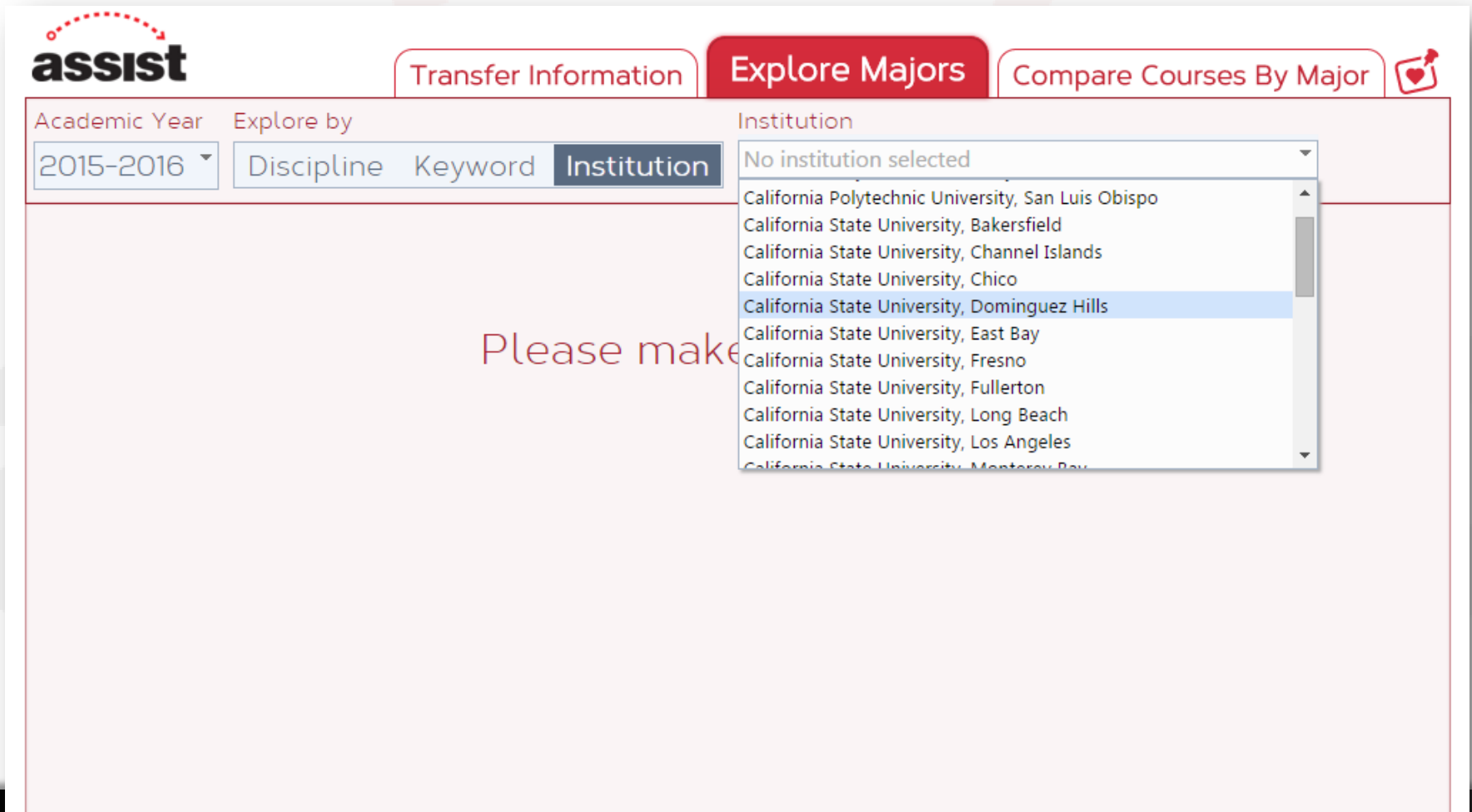
2015-2016 Discipline **Keyword** Institution

Major by Institution

California State University, Dominguez Hills	
<input type="radio"/> Biochemistry (B.S.)	
California State University, Los Angeles	
<input type="radio"/> Biochemistry - BS	
University of California, Davis	
<input type="radio"/> Chemistry	
University of California, Los Angeles	
<input type="radio"/> Biochemistry/B.S.	

ASSIST Explore Majors

Search by Institution



The screenshot displays the ASSIST Explore Majors interface. At the top, the ASSIST logo is on the left, and three navigation tabs are in the center: "Transfer Information", "Explore Majors" (which is highlighted in red), and "Compare Courses By Major" (which includes a heart icon). Below the tabs, there are three search filters: "Academic Year" with a dropdown set to "2015-2016", "Explore by" with buttons for "Discipline", "Keyword", and "Institution" (the last of which is selected and highlighted in dark blue), and "Institution" with a dropdown menu. The "Institution" dropdown is open, showing a list of California State Universities and Polytechnic University, San Luis Obispo. "California State University, Dominguez Hills" is currently selected and highlighted in light blue. The text "Please make" is partially visible in the background of the main content area.

assist

Transfer Information **Explore Majors** Compare Courses By Major

Academic Year Explore by Institution

2015-2016 Discipline Keyword **Institution**

Institution


No institution selected

- California Polytechnic University, San Luis Obispo
- California State University, Bakersfield
- California State University, Channel Islands
- California State University, Chico
- California State University, Dominguez Hills**
- California State University, East Bay
- California State University, Fresno
- California State University, Fullerton
- California State University, Long Beach
- California State University, Los Angeles
- California State University, Monterey Bay

Please make

ASSIST Explore Majors

Search by Institution



Transfer Information

Explore Majors

Compare Courses By Major

Academic Year

Explore by

Institution

2015-2016

Discipline

Keyword

Institution

California State University, Dominguez Hills

Select from map

Major by Institution

Search...

California State University, Dominguez Hills

<input type="radio"/> Nursing B.S.	i
<input type="radio"/> Liberal Studies B.A. - Mathematics Option	i
<input type="radio"/> Liberal Studies B.A. - Art Option	i
<input type="radio"/> Biology B.S.	i
<input type="radio"/> Physical Education B.A. Fitness Director Option	i
<input type="radio"/> Computer Technology B.A. - General Track	i
<input type="radio"/> Biochemistry (B.S.)	i

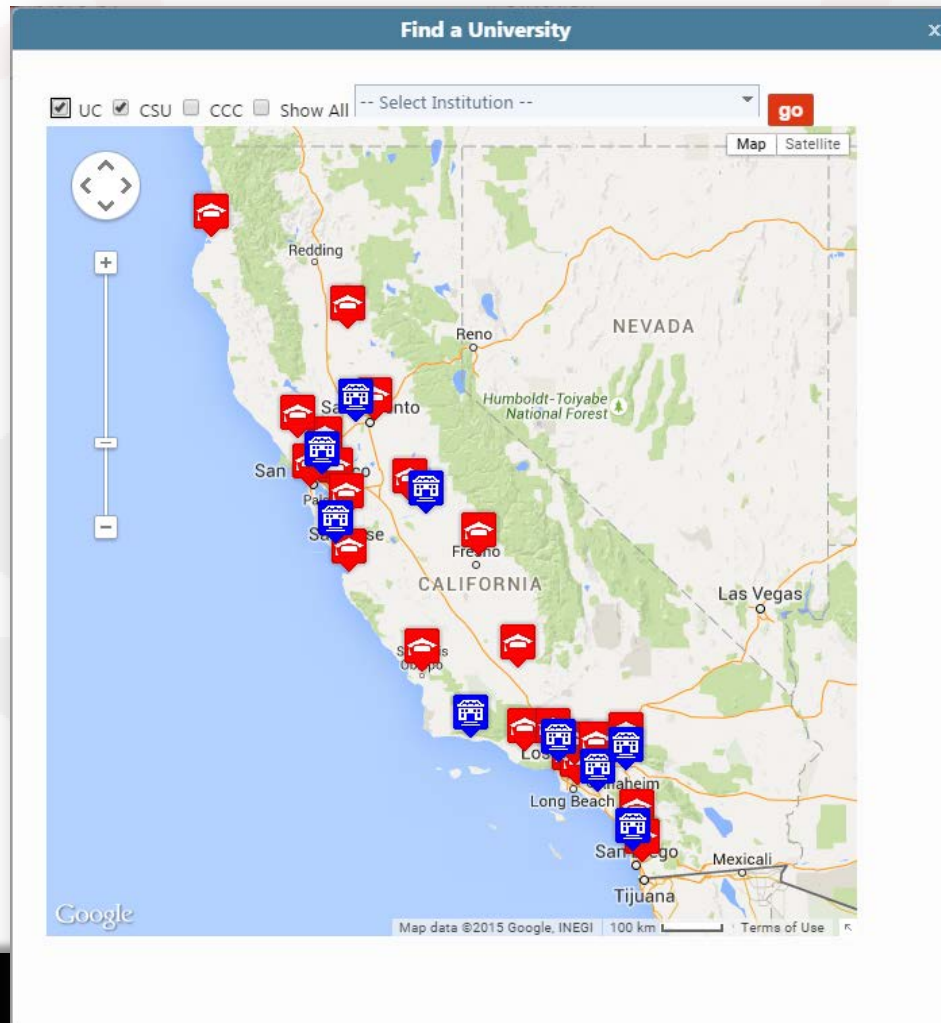
ASSIST Explore Majors

Legacy ASSIST



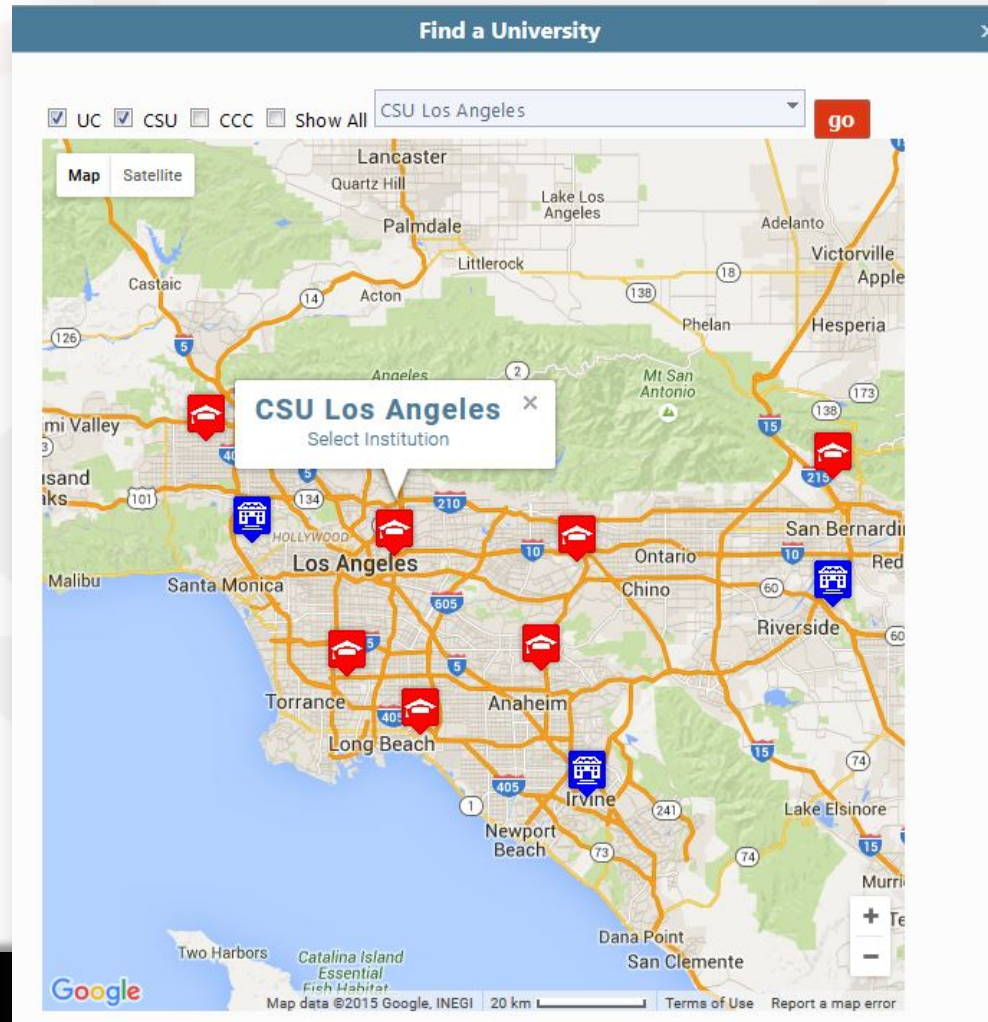
ASSIST Explore Majors

ASSIST Next Gen – Improved Map Functionality



ASSIST Explore Majors

ASSIST Next Gen – Improved Map Functionality





New: Compare Courses by Major



Transfer Information

Explore Majors

Compare Courses By Major

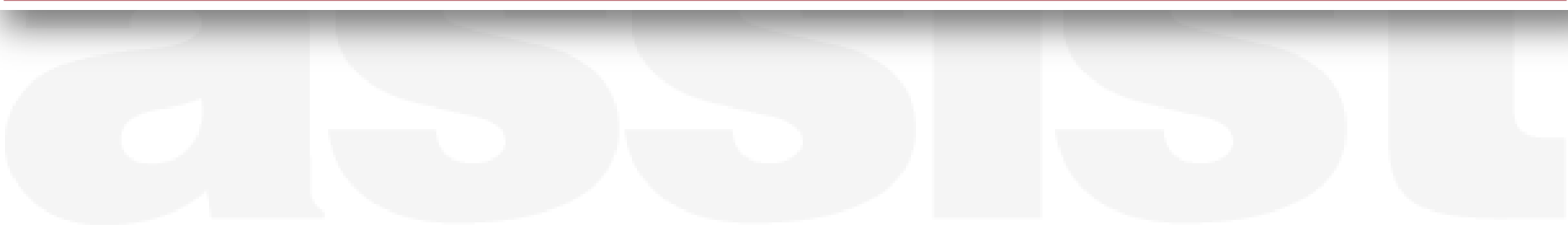


Academic Year

2015-2016 ▾

Compare how a university's lower-division curriculum may be satisfied by courses at multiple institutions.

Compare how an institution's courses may satisfy lower-division curriculum at multiple universities.



New: Compare Courses by Major

Community
College 1


Community
College 2

Community
College 3

Scenario 1:
Attended several community
colleges, interested in a
single CSU or UC

Single 4-year
university, CSU
or UC

Compare Courses by Major: Attended several CCCs, interested in a single CSU or UC



[Transfer Information](#)[Explore Majors](#)[Compare Courses By Major](#)

Academic Year
2015-2016

Compare how a university's lower-division curriculum may be satisfied by courses at multiple institutions.

Compare how an institution's courses may satisfy lower-division curriculum at multiple universities.

Biochemistry/B.S. - University of California, Los Angeles

Back Pin Preview

DISCLAIMER: The information on this screen is provided for comparison purposes only and does not represent the complete approved articulation agreement. It is important to view the full agreement in order to see admission and advising information which may include grade requirements or other specific course information. The approved articulation agreement may be accessed by clicking on the "View Full Agreement" button at the bottom of the report.

MiraCosta College

University of California, Los Angeles

MiraCosta College

CHEM 20A - CHEMICAL STRUCTURE (4.00) AND CHEM 20B - Chemical Energetics and Change (4.00) AND CHEM 20L - General Chemistry Laboratory (3.00) AND CHEM 30AL - General Chemistry Laboratory II (4.00)	←	CHEM 110 General Chemistry (5.00) AND CHEM 111 General Chemistry (5.00)
MATH 31A Differential and Integral Calculus (4.00)	←	MATH 150 Calculus and Analytic Geometry I (5.00)
MATH 31B Integration and Infinite Series (4.00)	←	MATH 155 Calculus and Analytic Geometry II (4.00)
MATH 32A Calculus of Several Variables (4.00)	←	MATH 260 Calculus and Analytic Geometry III (4.00)
PHYSICS 1A - Physics for Scientists and Engineers: Mechanics (5.00) AND	←	PHYS 151 Principles of Physics I (4.00) AND PHYS 152

Orange Coast College

University


Orange Coast College
Santa Monica College

CHEM 20A - CHEMICAL STRUCTURE (4.00) AND CHEM 20B - Chemical Energetics and Change (4.00) AND CHEM 20L - General Chemistry Laboratory (3.00) AND CHEM 30AL - General Chemistry Laboratory II (4.00)	←	CHEM A180 General Chemistry A (5.00) AND CHEM A185 General Chemistry B (5.00)
MATH 31A Differential and Integral Calculus (4.00)	←	MATH A180 Calculus 1 (4.00) OR MATH A180H Honors Calculus 1 (4.00)
MATH 31B Integration and Infinite Series (4.00)	←	MATH A185 Calculus 2 (4.00) OR MATH A185H Honors Calculus 2 (4.00) OR MATH A182H Honors Calculus 1 and 2 (5.00)

View Full Agreement

View Full Agreement

New: Compare Courses by Major



Transfer InformationExplore MajorsCompare Courses By Major

Academic Year

View Full Agreement

Articulation Agreement by Major

Effective during the 2015-2016 Academic Year

To: University of California, Los Angeles
2015-2016 General Catalog, Quarter

From: MiraCosta College
2015-2016 General Catalog, Semester

BIOCHEMISTRY/B.S.

IMPORTANT INFORMATION

Listed below are the lower division preparation courses for the major. At a minimum, you must complete 3 semesters/4 quarters of calculus through multivariable; one year of general chemistry with lab; one year of biology with lab (cellular, molecular and genetic); one course in organic chemistry with lab; and one course in calculus based physics with lab. All courses must be taken for a letter grade. For more information regarding this major and UCLA's transfer selection process, visit www.ms.ucla.edu and www.registrar.ucla.edu/catalog.

PLEASE NOTE: The community college courses listed below have been approved to satisfy the preparation requirements for this major at UCLA, but they may not be exact equivalents of the UCLA courses listed.

LOWER DIVISION MAJOR REQUIREMENTS

CHEM 20A - CHEMICAL STRUCTURE (4.00)	←	CHEM 110 - General Chemistry (5.00)
--- AND ---		--- AND ---
CHEM 20B - Chemical Energetics and Change (4.00)		CHEM 111 - General Chemistry (5.00)
--- AND ---		
CHEM 20L - General Chemistry Laboratory (3.00)		
--- AND ---		
CHEM 30AL - General Chemistry Laboratory II (4.00)		
MATH 31A - Differential and Integral Calculus (4.00)	←	MATH 150 - Calculus and Analytic Geometry I (5.00)
MATH 31B - Integration and Infinite Series (4.00)	←	MATH 155 - Calculus and Analytic Geometry II (4.00)

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New: Compare Courses by Major

Scenario 2:

Attended one community college, interested in several CSUs or UCs

Single
Community
College

```
graph LR; A{{Single Community College}} --- B[CSU Option 1]; A --- C[CSU Option 2]; A --- D([UC Option 1])
```

The diagram illustrates a student's path from a single community college to various higher education options. A central black hexagon labeled 'Single Community College' is connected by three blue lines to three separate boxes on the right. The top box is red and labeled 'CSU Option 1', the middle box is red and labeled 'CSU Option 2', and the bottom box is a blue oval labeled 'UC Option 1'.


CSU Option 1

CSU Option 2

UC Option 1

Compare Courses by Major:

Attended one CCC, interested in several CSUs or UCs



[Transfer Information](#)[Explore Majors](#)[Compare Courses By Major](#)

Academic Year
2015-2016

Compare how a university's lower-division curriculum may be satisfied by courses at multiple institutions.

Compare how an institution's courses may satisfy lower-division curriculum at multiple universities.

Transferable from Santa Monica College

Back Pin Preview

DISCLAIMER: The information on this screen is provided for comparison purposes only and does not represent the complete approved articulation agreement. It is important to view the full agreement in order to see admission and advising information which may include grade requirements or other specific course information. The approved articulation agreement may be accessed by clicking on the "View Full Agreement" button at the bottom of the report.

Biochemistry - BS - California State University, Los Angeles

California State University, Los Angeles

ENGL 102 Composition II (4.00)	← ENGL 2 Critical Analysis and Intermediate Composition (3.00)
CHEM 101 - General Chemistry I (5.00) AND CHEM 102 - General Chemistry II (5.00) AND CHEM 103 - General Chemistry III (5.00)	← CHEM 11 General Chemistry I (5.00) AND CHEM 12 General Chemistry II (5.00)
CHEM 280 Introduction to Biomolecules (3.00)	← CHEM 31 Biochemistry I (5.00)
CHEM 291A Organic Chemistry (3.00)	← No Course Articulated
CHEM 291B Organic Chemistry (3.00)	← CHEM 22 Organic Chemistry II (4.00)
CHEM 292A Organic Chemistry Laboratory (2.00)	← No Course Articulated
CHEM 292B	← CHEM 24

View Full Agreement

Biochemistry/B.S. - University of California, Los Angeles

University of California, Los Angeles

CHEM 20A - CHEMICAL STRUCTURE (4.00) AND CHEM 20B - Chemical Energetics and Change (4.00) AND CHEM 20L - General Chemistry Laboratory (3.00) AND CHEM 30AL - General Chemistry Laboratory II (4.00)	← CHEM 11 General Chemistry I (5.00) AND CHEM 12 General Chemistry II (5.00)
MATH 31A Differential and Integral Calculus (4.00)	← MATH 7 Calculus 1 (5.00)
MATH 31B Integration and Infinite Series (4.00)	← MATH 8 Calculus 2 (5.00)
MATH 32A Calculus of Several Variables (4.00)	← MATH 11 Multivariable Calculus (5.00)
PHYSICS 1A - Physics for Scientists and Engineers: Mechanics (5.00) AND PHYSICS 1B	← PHYSICS 21 Mechanics with Lab (5.00) AND PHYSICS 22

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ASSIST Next Gen: Login Area



Welcome to ASSIST Next Gen!
To continue, please log in.

Log On

Username

Password

☐ Remember me?

log on

[I can't access my account...](#)

log on as federated user

ASSIST Next Gen: Curriculum Management

Copper Mountain College ryan@assist.org CCC-AO 111

assist Curriculum ▾ Departments Prefixes **Courses** Update

Course Management

Status All Term Spring 2017 go!
Prefix All Search clear

[Create New Course](#) More...

Astronomy

☰ A 1 - Descriptive Astronomy (3.00)	UC TCA	CSU-T	Current
Outline Status: Prior Year Only • IGETC: 5A • CSU GE: B1 • UC Areas: S			
☰ A 1L - Descriptive Astronomy Lab (1.00)	UC TCA	CSU-T	Current
Outline Status: Prior Year Only • IGETC: 5C • CSU GE: B3			

ACCT: Accounting

☰ ACCT 1 - Financial Accounting (4.50)	C-ID	UC TCA	CSU-T	Current
Outline Status: Prior Year Only				
☰ ACCT 2 - Managerial Accounting (3.50)	C-ID	UC TCA	CSU-T	Current
Outline Status: Prior Year Only				
☰ ACCT 4A - Tax Accounting I - Individuals (3.00)			CSU-T	Current
Outline Status: Prior Year Only				

ANTH: Anthropology


☰ ANTH 1 - Introduction to Physical Anthropology (3.00)	UC TCA	CSU-T	Current	
Outline Status: Prior Year Only • IGETC: 5B • CSU GE: B2 • UC Areas: S				
☰ ANTH 2 - Introduction to Prehistory (3.00)	C-ID	UC TCA	CSU-T	Current
Outline Status: Prior Year Only • IGETC: 5B • CSU GE: B2 • UC Areas: S				
☰ ANTH 3 - Human Evolution (3.00)	C-ID	UC TCA	CSU-T	Current
Outline Status: Prior Year Only • IGETC: 5B • CSU GE: B2 • UC Areas: S				
☰ ANTH 4 - Human Origins and Evolution (3.00)	C-ID	UC TCA	CSU-T	Current
Outline Status: Prior Year Only • IGETC: 5B • CSU GE: B2 • UC Areas: S				
☰ ANTH 5 - Human Evolution and Culture (3.00)	C-ID	UC TCA	CSU-T	Current
Outline Status: Prior Year Only • IGETC: 5B • CSU GE: B2 • UC Areas: S				

[Edit ANTH 1 Details](#)
[Edit ANTH 1 Outline](#)
[Merge Courses Into ANTH 1](#)
[Split ANTH 1](#)
[Add Cross-List Courses](#)
[Terminate ANTH 1](#)
[View ANTH 1 History](#)

ASSIST Next Gen: Articulation Management

University of California, Los Angeles

ryan@assist.org UC-AO ? 111

 Articulation▼

Articulation C-ID Templates Publish More▼

Build Articulation

Academic Year: **2015-2016** From: **Pasadena City C...**

Course Articulation▼

Courses▼

Filter: life

LIFESCI 1

LIFESCI 2

LIFESCI 3

LIFESCI 3A

LIFESCI 4

LIFESCI 15

LIFESCI 23L

LIFESCI 30A

LIFESCI 30B

COURSE TO COURSE 0 **MAJOR-SPECIFIC ARTICULATION 0**

LIFESCI 2 - Cells, Tissues, and Organs (4.00)

Draft
Final

Add Articulation Officer Notes Preview View History View Course Impact

ARTICULATED COURSES FROM PASADENA CITY COLLEGE add course add multiple courses

BIOL 1B - Principles of Biology - Cellular and Organismal Biology (4.00)	Or▼	≡
BIOL 10A - Cellular Biology, Genetics & Evolution (5.00)	And▼	≡
BIOL 10B - Diversity of Life on Earth: Structure, Function and Ecology (5.00)		≡

System Training

- Training
 - Articulation Officers – In-Person
 - Public Site Users – Webinar
- Tutorials On-Demand





Thank You!

**For Additional Questions or
Information:**

Holly Demé

ASSIST Program Manager

holly@assist.org

949-824-9391