Wednesday, March 27, 2024

Transfer Conference for Counselors

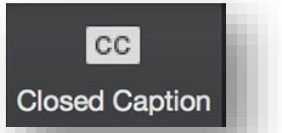
Welcome & Housekeeping

Tech Support

Technical support is available, please email conferences@foundationccc.org with any questions.

Closed Captioning

Click the Closed Caption (CC) tab to read live captions

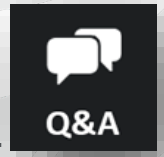


Audio/Visual

You will be muted with your camera's off during the entire webinar. To ask a question please utilize the Q&A feature.

Q&A

Click the Q&A tab to enter questions for the presenters and read their responses. We will do our best to answer as many questions before the end of this session. Questions we are unable to answer will be addressed post-event in the coming weeks. Some questions will be answered live at the end of this session.



All of today's presentations will be recorded and accessible on the CCC Transfer Counselor Website under *"Transfer Counselor Conference"* tab.

Preparing STEM Majors

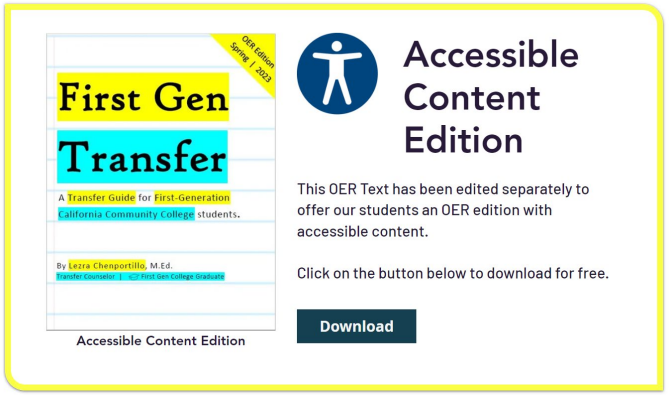
Challenges and Opportunities

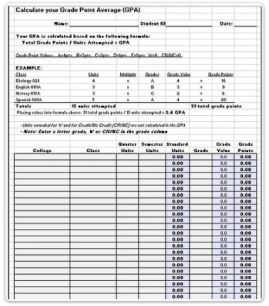
Lezra Chenportillo, M.Ed.

San Jose City College, Transfer Counselor

Find the transfer guide here. Download for *free*.

https://www.firstgentransfer.com/



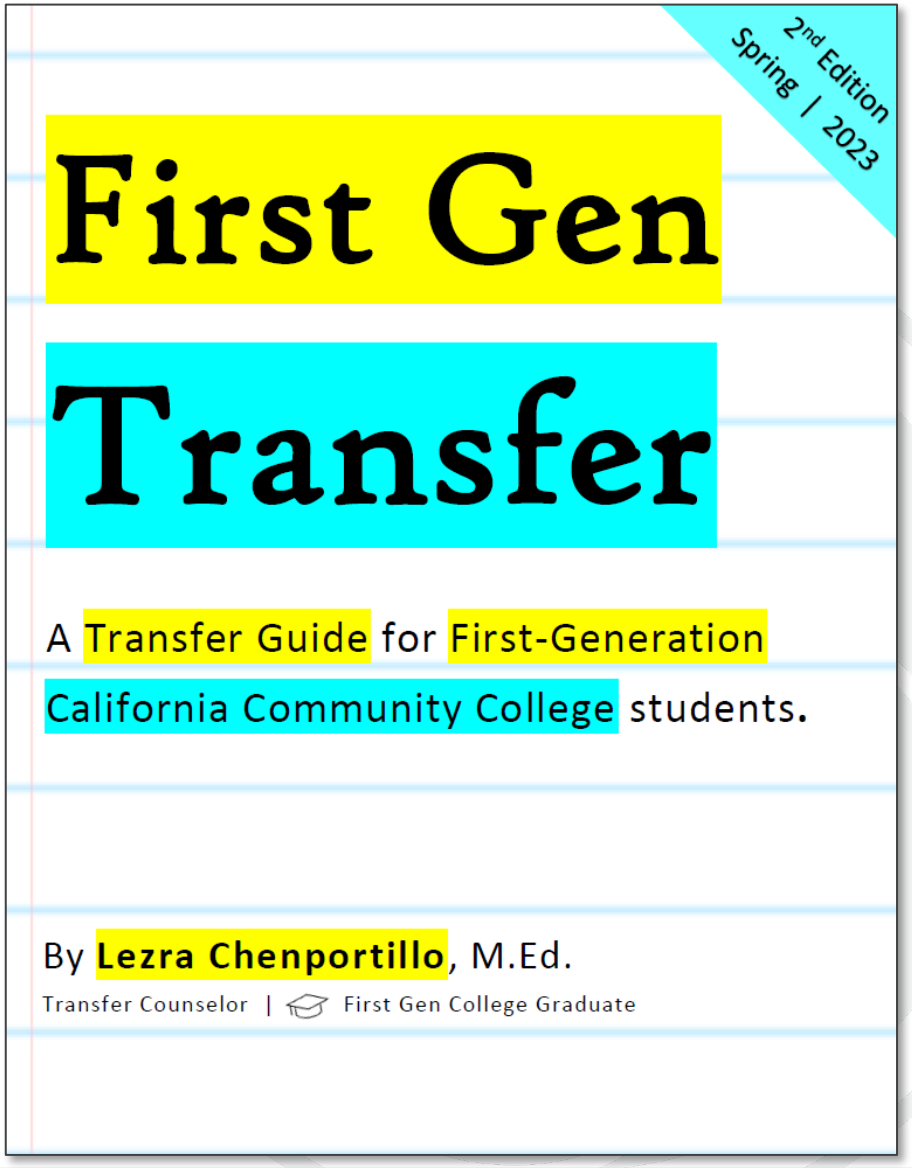


GPA Calculator

Download the GPA Calculator here.
Counselors can use this tool to help student to combine coursework from multiple colleges to find:

- True GPA
- True Unit Count
- Combine Semester and Quarter units
- View the impact of Academic Renewal
- Project grades for GPA growth or repair

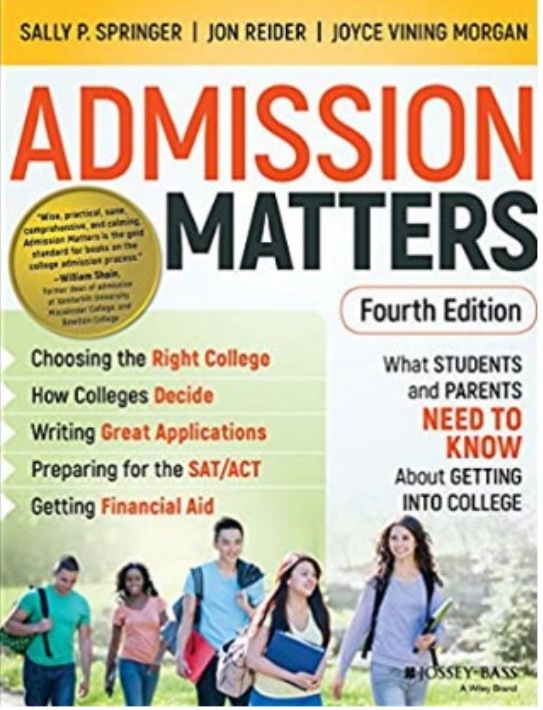
DOWNLOAD

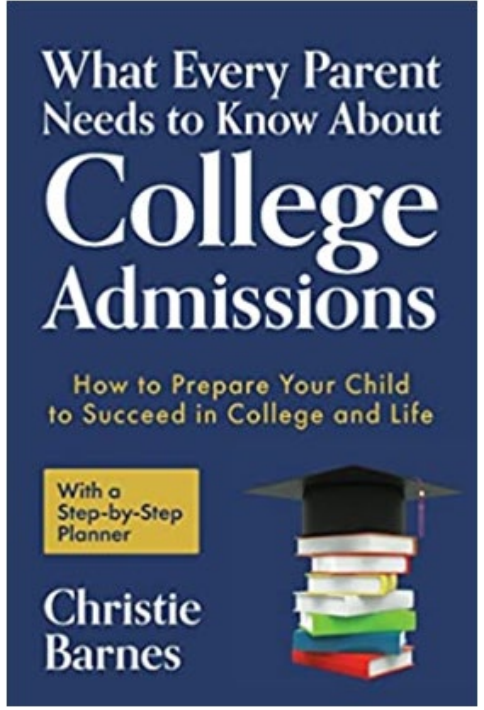


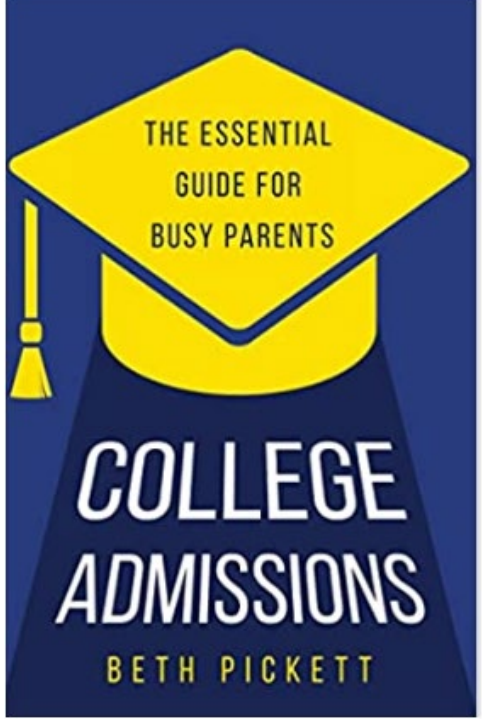
Freshman Admission

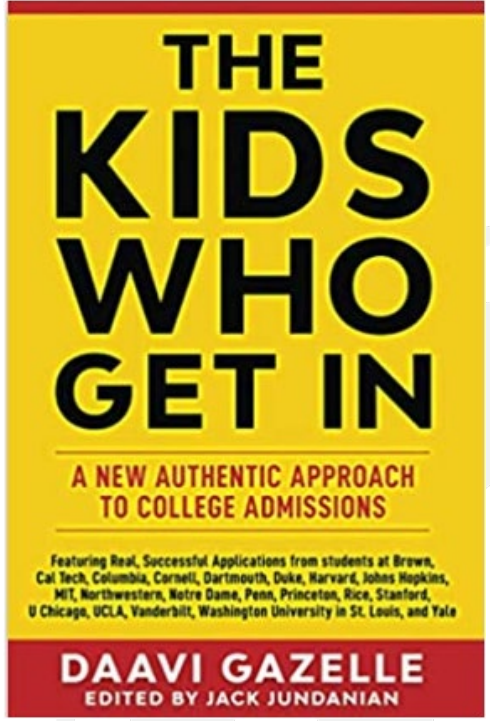
vs

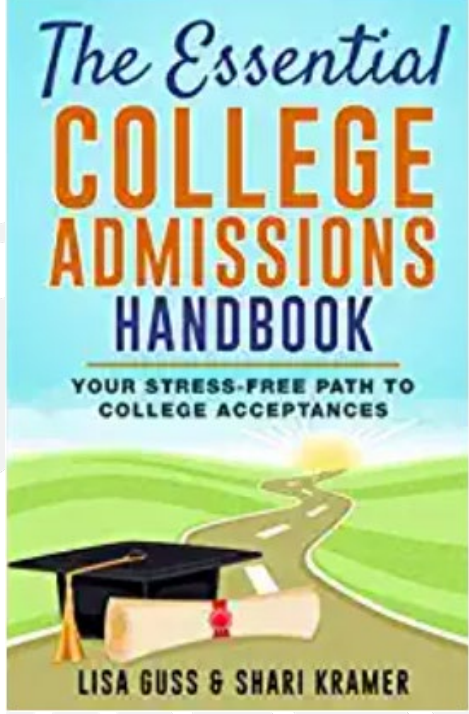
Transfer Admission

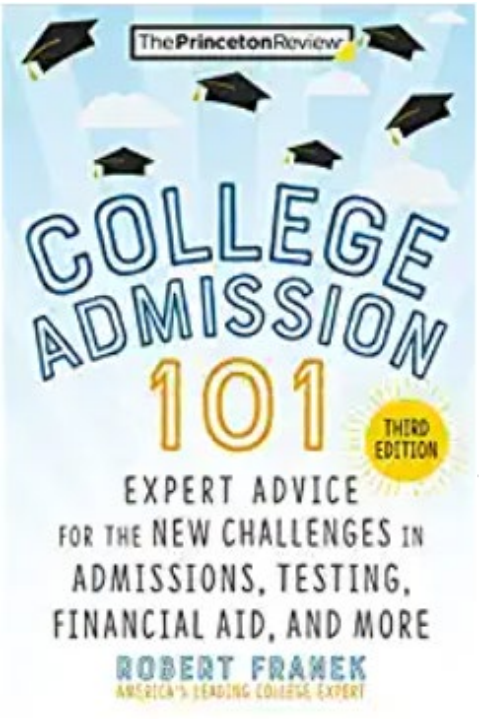

SALLY P. SPRINGER | JON REIDER | JOYCE VINING MORGAN
ADMISSION MATTERS
Fourth Edition
Choosing the Right College
How Colleges Decide
Writing Great Applications
Preparing for the SAT/ACT
Getting Financial Aid
What STUDENTS and PARENTS NEED TO KNOW About GETTING INTO COLLEGE
JOSSEY-BASS


What Every Parent Needs to Know About College Admissions
How to Prepare Your Child to Succeed in College and Life
With a Step-by-Step Planner
Christie Barnes

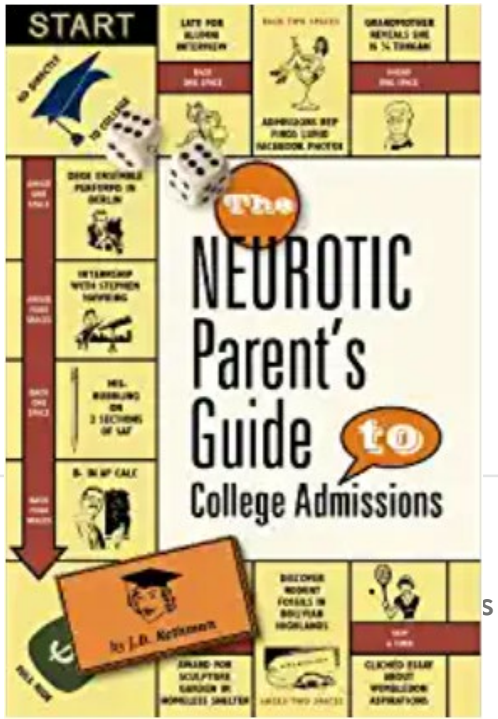

THE ESSENTIAL GUIDE FOR BUSY PARENTS
COLLEGE ADMISSIONS
BETH PICKETT

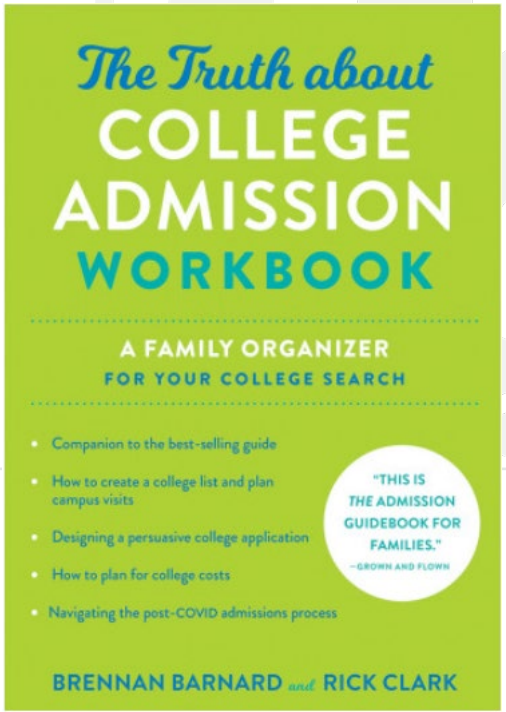

THE KIDS WHO GET IN
A NEW AUTHENTIC APPROACH TO COLLEGE ADMISSIONS
Featuring Real, Successful Applications from students at Brown, Cal Tech, Columbia, Cornell, Dartmouth, Duke, Harvard, Johns Hopkins, MIT, Northwestern, Notre Dame, Penn, Princeton, Rice, Stanford, U Chicago, UCLA, Vanderbilt, Washington University in St. Louis, and Yale
DAAVI GAZELLE
EDITED BY JACK JUNDANIAN

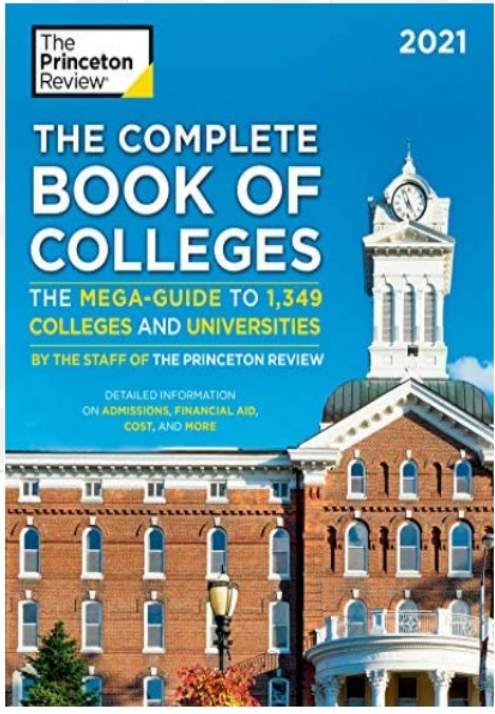

The Essential COLLEGE ADMISSIONS HANDBOOK
YOUR STRESS-FREE PATH TO COLLEGE ACCEPTANCES
LISA GUSS & SHARI KRAMER

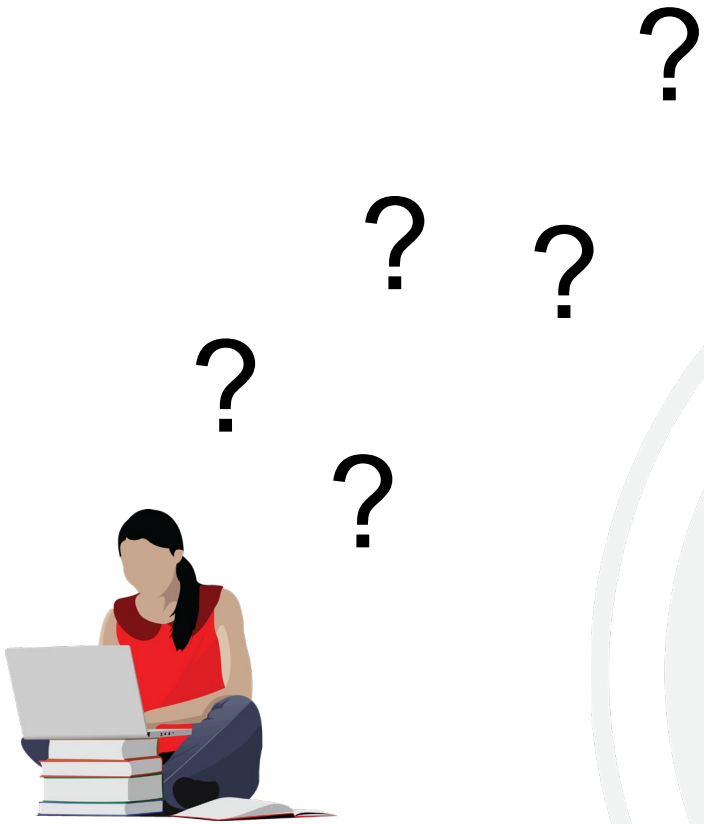

ThePrincetonReview
COLLEGE ADMISSION 101
THIRD EDITION
EXPERT ADVICE FOR THE NEW CHALLENGES IN ADMISSIONS, TESTING, FINANCIAL AID, AND MORE
ROBERT FRANEK
AMERICA'S LEADING COLLEGE EXPERT

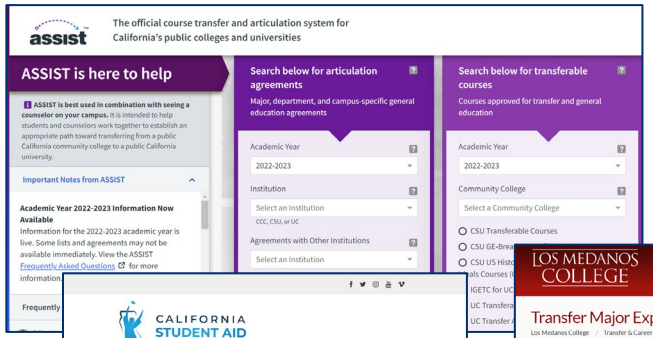
GEN Z EDITION
NEW 2022 DATA
A Mom's Guide
APPLYING FOR ADMISSION TO UNIVERSITY OF CALIFORNIA CAMPUSES
THE ULTIMATE UC COLLEGE COUNSELING REFERENCE
GUIDE FOR HIGH SCHOOLERS (AND PARENTS!)
JOY BAGNOL-ESTUDILLO

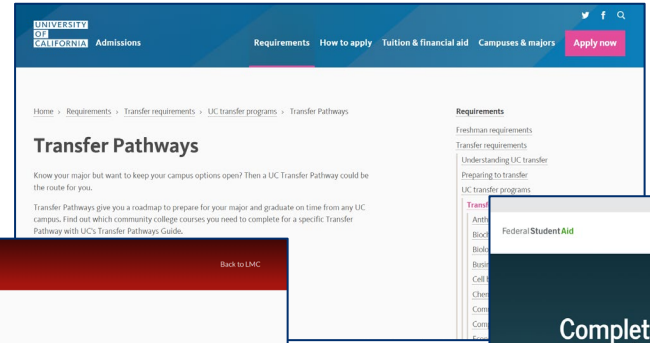

START
The NEUROTIC Parent's Guide to College Admissions
by J.D. Reinmann

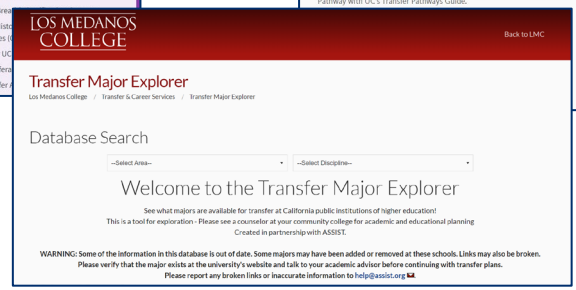

The Truth about COLLEGE ADMISSION WORKBOOK
A FAMILY ORGANIZER FOR YOUR COLLEGE SEARCH
Companion to the best-selling guide
How to create a college list and plan campus visits
Designing a persuasive college application
How to plan for college costs
Navigating the post-COVID admissions process
"THIS IS THE ADMISSION GUIDEBOOK FOR FAMILIES." —GROWN AND FLOWN
BRENNAN BARNARD and RICK CLARK

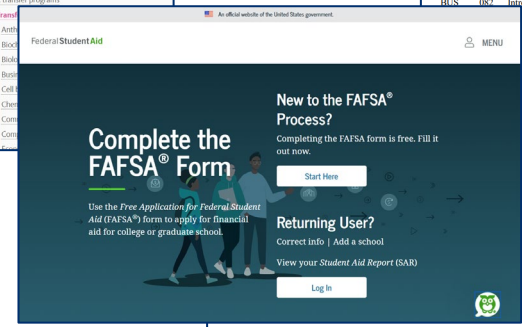

The Princeton Review
2021
THE COMPLETE BOOK OF COLLEGES
THE MEGA-GUIDE TO 1,349 COLLEGES AND UNIVERSITIES
BY THE STAFF OF THE PRINCETON REVIEW
DETAILED INFORMATION ON ADMISSIONS, FINANCIAL AID, COST, AND MORE

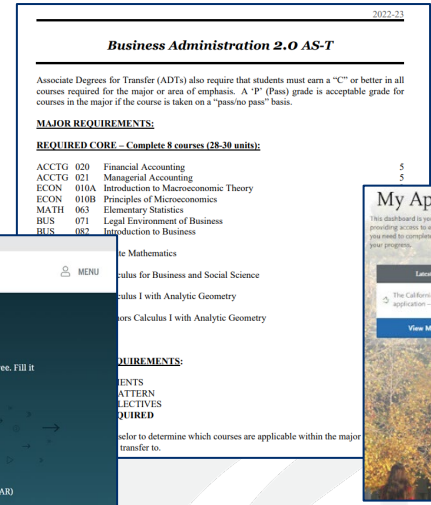


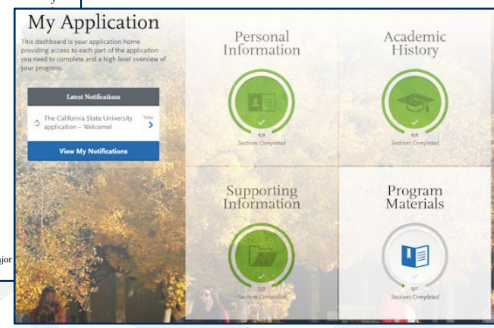


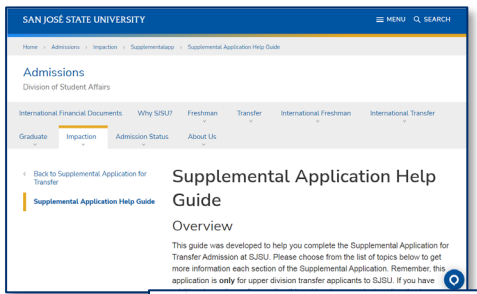


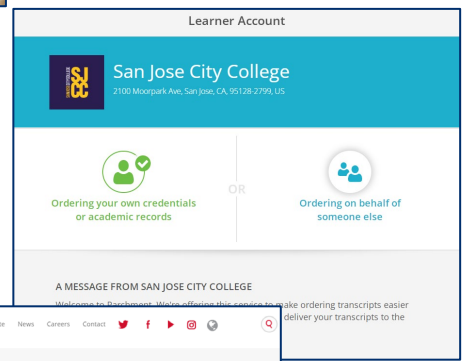


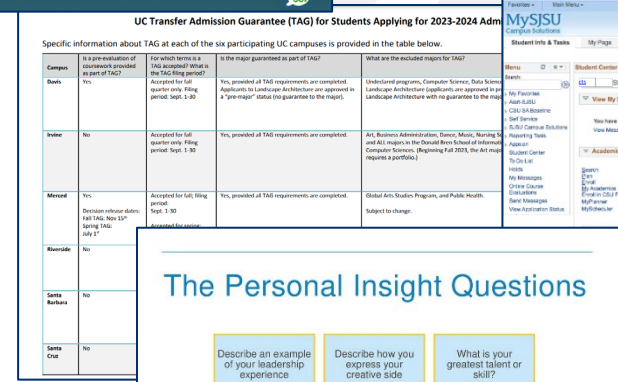


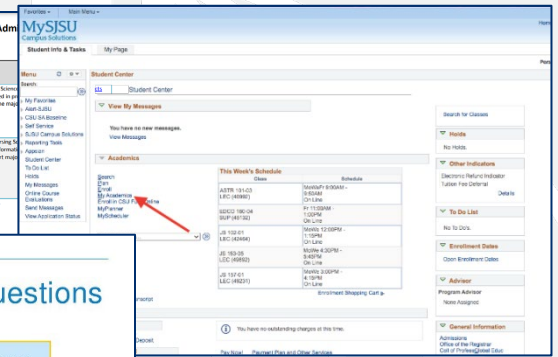


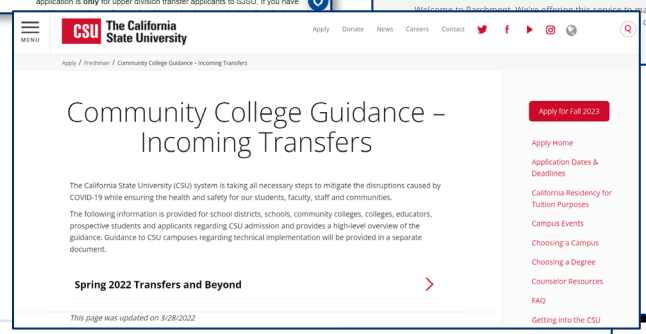


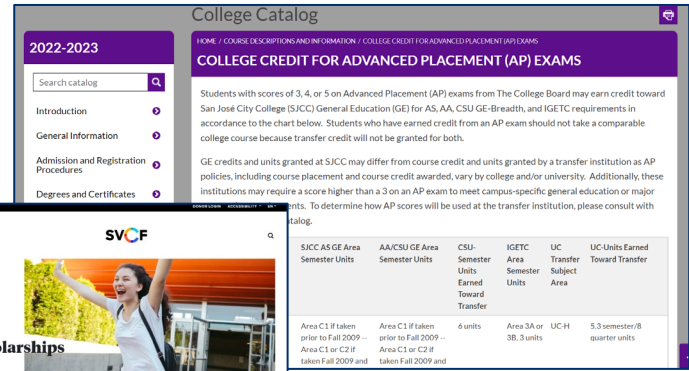


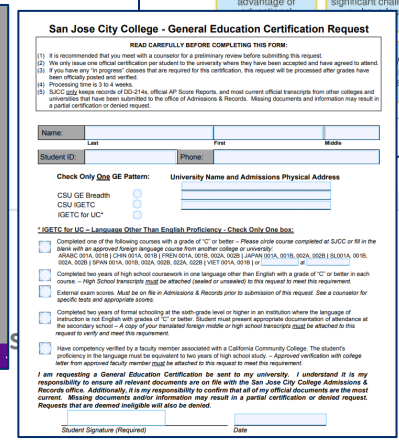


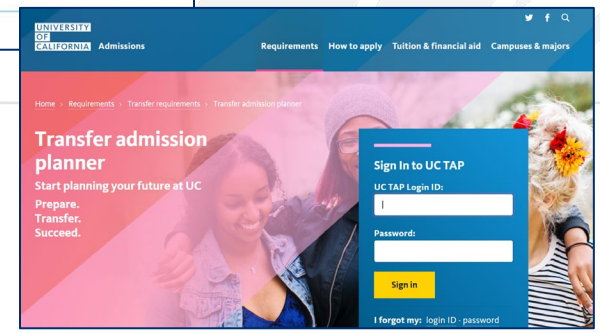












California Community Colleges

https://transformtransfer.org/

Distinct Systems	Varying Campus Reqs.	Pathway Complexity	Uncertain Credits	Disjointed Financial Aid

These issues are often magnified for students majoring in STEM

- Limited ADT options
- Limited TAG options
- Differing requirements across systems
- Affordability & Financial Aid Issues with high unit majors

Let’s talk about STEM Majors

Science

BIOLOGY
- Biochemistry
- Molecular Biology
- Marine Biology
- Pre-Med Pathway

CHEMISTRY
- Pre-Pharmacology

PHYSICS
- Astrophysics
- Biophysics
- Chemical Physics

- Astronomy
- Kinesiology
- Geology
- Geography
- Earth Science
- Meteorology
- Oceanography
- Environmental Science
- Animal Science
- Hydrologic Science
- Nutritional Science
- Agricultural Science
- Health Science

Technology

COMPUTER SCIENCE

COMPUTER PROGRAMMING

CYBERSECURITY

INFORMATION TECH

COMPUTER GAME DESIGN

Engineering

ENGINEERING
- Aerospace Engineering
- Biomedical Engineering
- Chemical Engineering
- Materials Engineering
- Civil Engineering
- Environmental Engineering
- Computer Engineering
- Software Engineering
- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering
- Nuclear Engineering
- Structural Engineering
- Manufacturing Engineering
- Architecture Engineering
- Interdisciplinary Engineering*

COMPUTER SCIENCE

ROBOTICS

AVIATION

Math

MATHEMATICS
- Applied Math

STATISTICS
- Actuarial Science

DATA ANALYTICS

DATA SCIENCE

BUSINESS
- Accounting

What’s so unique about STEM Majors?

A lot More Major Prep & Pre-requisite Sequence

Civil Engineering Major Requirements for Transfer
Fall 2021 – To UC Davis from San Jose City College

MATH 71 – Calculus I (5 units)
Prerequisite: Pre-Calculus/Trigonometry

MATH 72 – Calculus II (5 units)
MATH 73 – Calculus III (5 units)

MATH 79 – Linear Algebra (3 units)
Prerequisite: Calculus II
MATH 78 - Differential Equations (4 units)
Prerequisite: Calculus II

PHYS 4A – Calculus Based Physics I (5 units)
Prerequisite: Calculus I
PHYS 4B - Calculus Based Physics II (5 units)
PHYS 4C - Calculus Based Physics III (5 units)

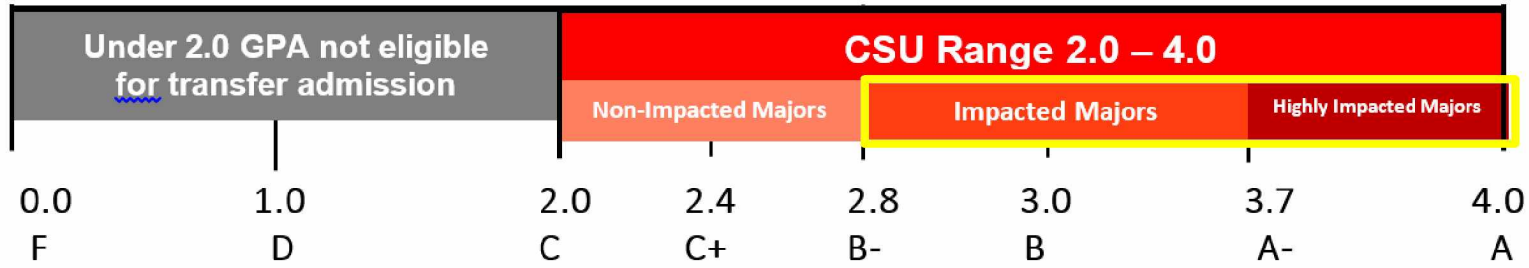
CHEM 1A – General Chemistry I (5 units)
Prerequisite: Fundamentals of Chemistry
CHEM 1B – General Chemistry II (5 units)

Political Science Major Requirements for Transfer
Fall 2021 – To UC Davis from San Jose City College

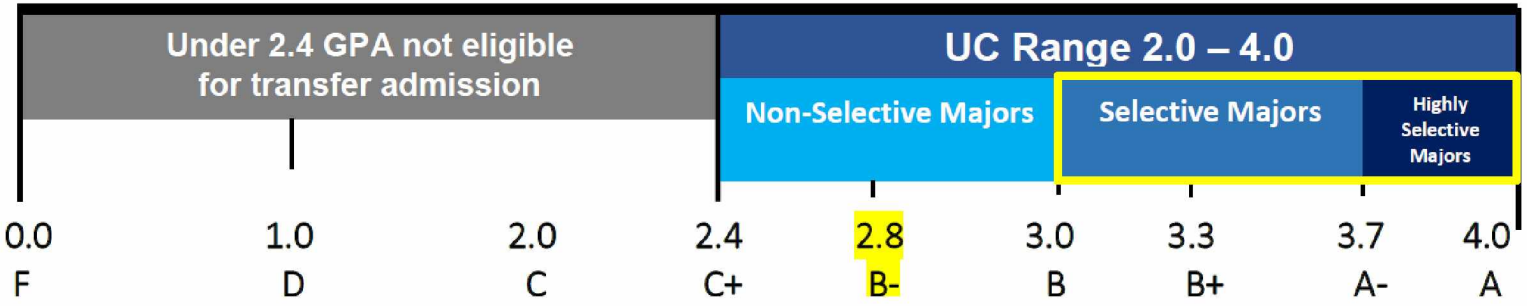
GE	POLSC 1 – Politics and Government (3 units)
GE	POLSC 2 – Comparative Politics (3 units)
GE	POLSC 4 – International Relations (3 units)
GE	MATH 63 – Elementary Statistics (3 units)

Impacted & Selective Majors = Higher GPA threshold

GPA Ranges at the CSU



GPA Ranges at the UC



And the most sought after highly selective major is…

Computer Science Transfer Pathway

Taking the following courses will prepare you to major in computer science at any UC campus.

Course expectations

- Introduction to programming (computer science I)
- Data structures (computer science II)
- Computer organization and assembly language
- Single variable calculus for STEM majors (one-year sequence)
- Multivariable calculus
- Discrete mathematics
- Linear algebra
- Differential equations
- Calculus-based physics (one-year sequence with labs; topics covered must include mechanics and electromagnetism)

UC Transfer Pathways

A

B

C

D

FALL	INTER	SPRING	SUMMER
Calculus I *Single Variable*	LIFE SCI GE	Calculus II *Single Variable*	English Crit Thinking
Discrete Math		Calculus Physics I	
English Composition			

FALL	INTER	SPRING	SUMMER
Calculus III *Multivariable*	ETHNIC STUDIES	Calculus Physics III	SOC SCI (AI)
Calculus Physics II		Linear Algebra	

FALL	INTER	SPRING	SUMMER
Intro Programming	ARTS GE	Data Structures	
Differential Equations		COMS	
SOC SCI (AI)		ART/HUM GE	

Template

- Starts directly into Calculus
- Previous success in Science & Math in High School
- Passes every course
- Can attend full-time

Student A

FALL	INTER	SPRING	SUMMER
PreCal Trig		Calculus I *Single Variable*	ETHNIC STUDIES
English Composition		English Crit Thinking	ART/HUM GE

FALL	INTER	SPRING	SUMMER
Calculus II *Single Variable*	ARTS GE	Physics I *Calculus Based*	COMS
		Linear Algebra	

FALL	INTER	SPRING	SUMMER
Physics II *Calculus Based*	LIFE SCI GE	Physics III *Calculus Based*	SOC SCI (AI)
Differential Equations			SOC SCI (AI)

FALL	INTER	SPRING	SUMMER
Intro Programming		Data Structures	
Calculus III *Multivariable*		Discrete Math	

Slow & Steady

- Starts with pre-requisites
- Attends part-time
- Uses Summer & Intersession to disperse courses
- Is careful not to over-do-it

Student B

FALL	INTER	SPRING	SUMMER
COMS		PreCal Trig	English *Crit Thinking*
English *Composition*			
LIFE SCI GE			
ARTS GE			

FALL	INTER	SPRING	SUMMER
Calculus I *Single Variable*		Calculus II *Single Variable*	ETHNIC STUDIES
SOC SCI (AI)		SOC SCI(AI)	
ART/HUM GE			

FALL	INTER	SPRING	SUMMER
Calculus II *Single Variable*		Physics I *Calculus Based*	Intro Programming
~~Discrete Math~~			

FALL	INTER	SPRING	SUMMER
~~Physics II *Calculus Based*~~		Physics II *Calculus Based*	Differential Equations
~~Differential Equations~~			

FALL	INTER	SPRING	SUMMER
Physics III *Calculus Based*		Data Structures	Discrete Math
		Calculus III *Multivariable*	Linear Algebra

Hurdler

- Starts with pre-requisites & GE's
- Difficulty passing STEM courses
- Learning to become a STEM student
- May stop out occasionally
- Apply for transfer while still completing Major Prep

Student C

FALL	INTER	SPRING	SUMMER
Calculus II *Single Variable*		Calculus Physics II	ETHNIC STUDIES
Calculus Physics I		Calculus III *Multivariable*	SOC SCI (AI)
Discrete Math		Linear Algebra	
English Crit Thinking		LIFE SCI GE	

FALL	INTER	SPRING	SUMMER
Calculus Physics III		Data Structures	
Differential Equations		COMS	
Intro Programming		ART/HUM GE	
ARTS GE		SOC SCI (AI)	

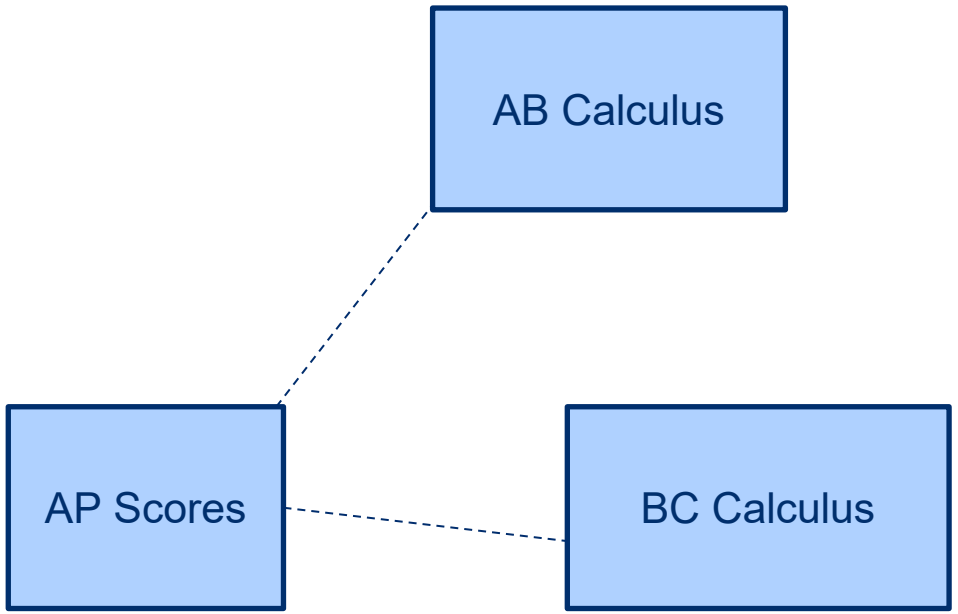
Entering with AP
ENGLISH
CALC AB
WORLD HIST

Stealth Path

- Enters with AP credits
- Need to caution on use of AP credits
- Takes courses on overdrive; excess unit
- Able to attend full-time

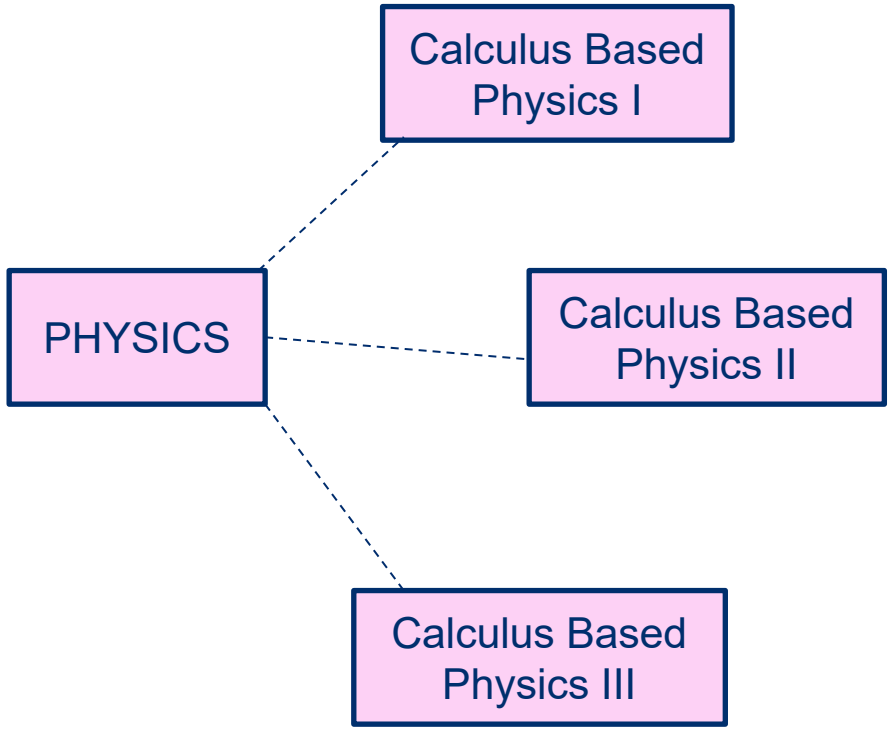
Student D

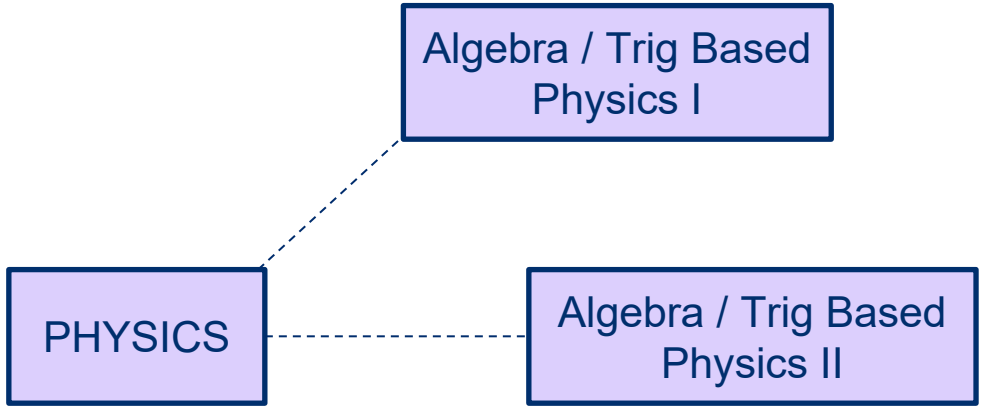
Issues with use of AP exams



- Is the AP accepted by the transfer university?
- Does the AP Score meet the major prep criteria?

Issues with Major Prep Sequence





- Is the student applying to a CSU and UC equally?
- Has the student started one of theses sequences?
- Is the student finishing the sequence at the same college?
- Does the University require the full sequence?

What does Career Development look like for CCC STEM Students?

FALL INTER SPRING SUMMER

STEM Workshop | STEM Panel | Club Conference

FALL INTER SPRING SUMMER

University Fair | Scholarship Workshop | Internship

FALL INTER SPRING SUMMER

Lab Tour | STEM Speaker | Summer Research

FALL INTER SPRING SUMMER

University Tour | Club Tour | Externship

FALL INTER SPRING SUMMER

Alumni Panel | TA ship | Internship

Template

Slow & Steady

Hurdler

Stealth Path

FALL INTER SPRING SUMMER

STEM Workshop | STEM Panel | Club Conference

FALL INTER SPRING SUMMER

University Fair | Scholarship Workshop | Internship

FALL INTER SPRING SUMMER

Lab Tour | STEM Speaker | Summer Research

FALL INTER SPRING SUMMER

University Tour | Club Tour | Externship

FALL INTER SPRING SUMMER

Alumni Panel | TA ship | Internship

Career Development Experiences is Fundamental to Success.

W h y ?

Template

Slow & Steady

Hurdler

Stealth Path

Let’s talk about GPA.

FALL INTER SPRING SUMMER

COMS B

English Composition B

LIFE SCI GE A

ARTS GE C

English Crit Thinking

PreCal Trig

ETHNIC STUDIES

FALL INTER SPRING SUMMER

Calculus I *Single Variable*

SOC SCI (AI)

ART/HUM GE

Calculus II *Single Variable*

SOC SCI (AI)

GPA 3.0

What conversation are you having with a student you meet at this stage in their course completion?

FALL INTER SPRING SUMMER

Calculus Physics I

Discrete Math

Calculus Physics II

Calculus III *Multivariable*

Intro Programming

FALL INTER SPRING SUMMER

Calculus Physics III

Differential Equations

Linear Algebra

Data Structures

Student C

FALL INTER SPRING SUMMER

COMS B

English Composition B

LIFE SCI GE A

ARTS GE C

English Crit Thinking B

PreCal Trig C

ETHNIC STUDIES W

FALL INTER SPRING SUMMER

Calculus I *Single Variable*

SOC SCI (AI)

ART/HUM GE

Calculus II *Single Variable*

SOC SCI (AI)

ETHNIC STUDIES

GPA 2.7

What conversation are you having with a student you meet at this stage?

FALL INTER SPRING SUMMER

Calculus II *Single Variable*

Discrete Math

Calculus Physics I

Calculus III *Multivariable*

Intro Programming

FALL INTER SPRING SUMMER

Calculus Physics II

Differential Equations

Calculus Physics III

Linear Algebra

Data Structures

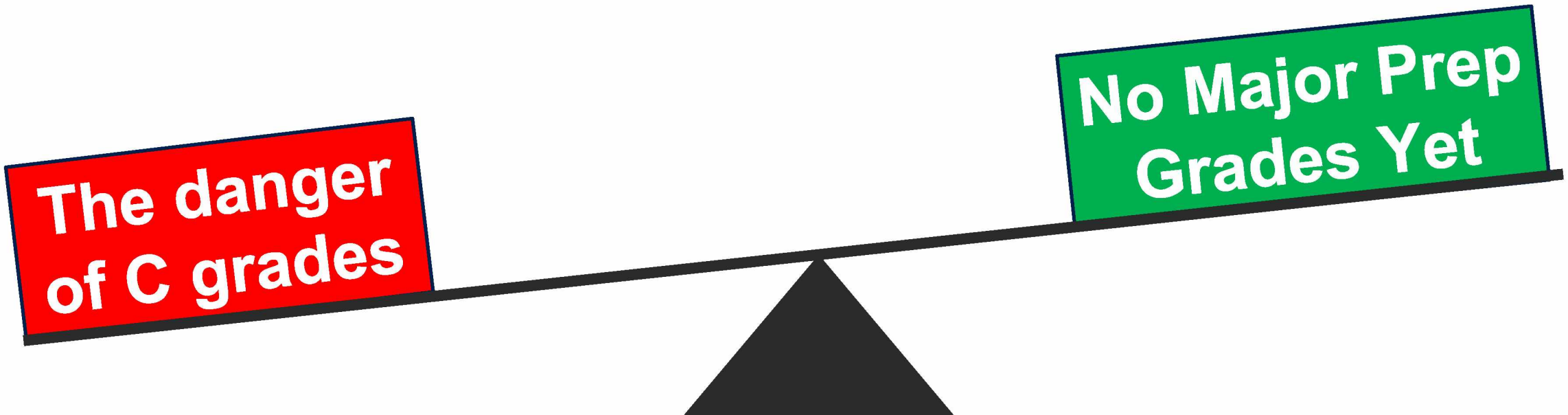
Student C

1ST COUNSELING APPOINTMENT

Class	Quarter Units	Semester Units	Standard Units	Grade	Grade Value	Grade Points
COMS		3	3.00	B	3.0	9.00
ENGL COMP		3	3.00	B	3.0	9.00
LIFE SCI		3	3.00	A	4.0	12.00
ARTS GE		3	3.00	C	2.0	6.00
			0.00		0.0	0.00
			0.00		0.0	0.00
		Total Units:	12.00	Total Grade Points:		36.00
				GPA:		3.0000

2ND COUNSELING APPOINTMENT

Class	Quarter Units	Semester Units	Standard Units	Grade	Grade Value	Grade Points
COMS		3	3.00	B	3.0	9.00
ENGL COMP		3	3.00	B	3.0	9.00
LIFE SCI		3	3.00	A	4.0	12.00
ARTS GE		3	3.00	C	2.0	6.00
ENGL CRIT		3	3.00	B	3.0	9.00
PRECAL/TRIG		6	6.00	C	2.0	12.00
			0.00		0.0	0.00
		Total Units:	21.00	Total Grade Points:		57.00
				GPA:		2.7143



Show students where to find GPA Data

UNIVERSITY OF CALIFORNIA

Admissions Jobs News

Campuses & locations Student success Impact About us Get involved

Broad discipline	College/School	Major name	Applicants	Admits	Enrolls	Admit GPA range	Enroll GPA range	Admit rate	Yield rate
Agriculture & Natura..	College Of Letters & science	Environmental studies	301	196	73	3.40 - 3.87	3.37 - 3.88	65%	37%
Biological Sciences	College Of Letters & science	Biological sciences	1,777	844	156	3.47 - 3.88	3.40 - 3.84	47%	18%
Business & Manage..	College Of Letters & science	Actuarial science	51	40	10	3.62 - 3.95	3.57 - 3.85	78%	25%
Communication, Jou..	College Of Letters & science	Communication studies	1,353	946	331	3.43 - 3.90	3.36 - 3.83	70%	35%
Computer & Informa..	College Of Engineering	Computer science	1,303	138	13	3.91 - 4.00	3.91 - 4.00	11%	9%
Engineering	College Of Engineering	Chemical engineering	609	110	11	3.66 - 3.93	3.70 - 3.89	18%	10%
		Computer engineering	225	45	5	3.82 - 4.00	3.64 - 3.89	20%	11%
		Electrical engineering	230	89	10	3.63 - 3.97	3.71 - 3.93	39%	11%

UC DATA CENTER

Talk to students about how to monitor their GPA

Careful of C grades in your Major Prep courses, especially STEM majors & applicants to the UC.

Major Prep for Civil Engineering – 2021-2022

Grade	Course / Units
A	MATH 71 – *Calculus I (5 units)*
B	MATH 72 – *Calculus II (5 units)*
A	MATH 73 – *Calculus III (5 units)*
A	MATH 79 – *Linear Algebra (3 units)*
A	MATH 78 - *Differential Equations (4 units)*
B	PHYS 4A – *Calculus Based Physics I (5 units)*
B	PHYS 4B - *Calculus Based Physics II (5 units)*
B	PHYS 4C - *Calculus Based Physics III (5 units)*
A	CHEM 1A – *General Chemistry I (5 units)*
B	CHEM 1B – *General Chemistry II (5 units)*

3.47 Major Prep GPA

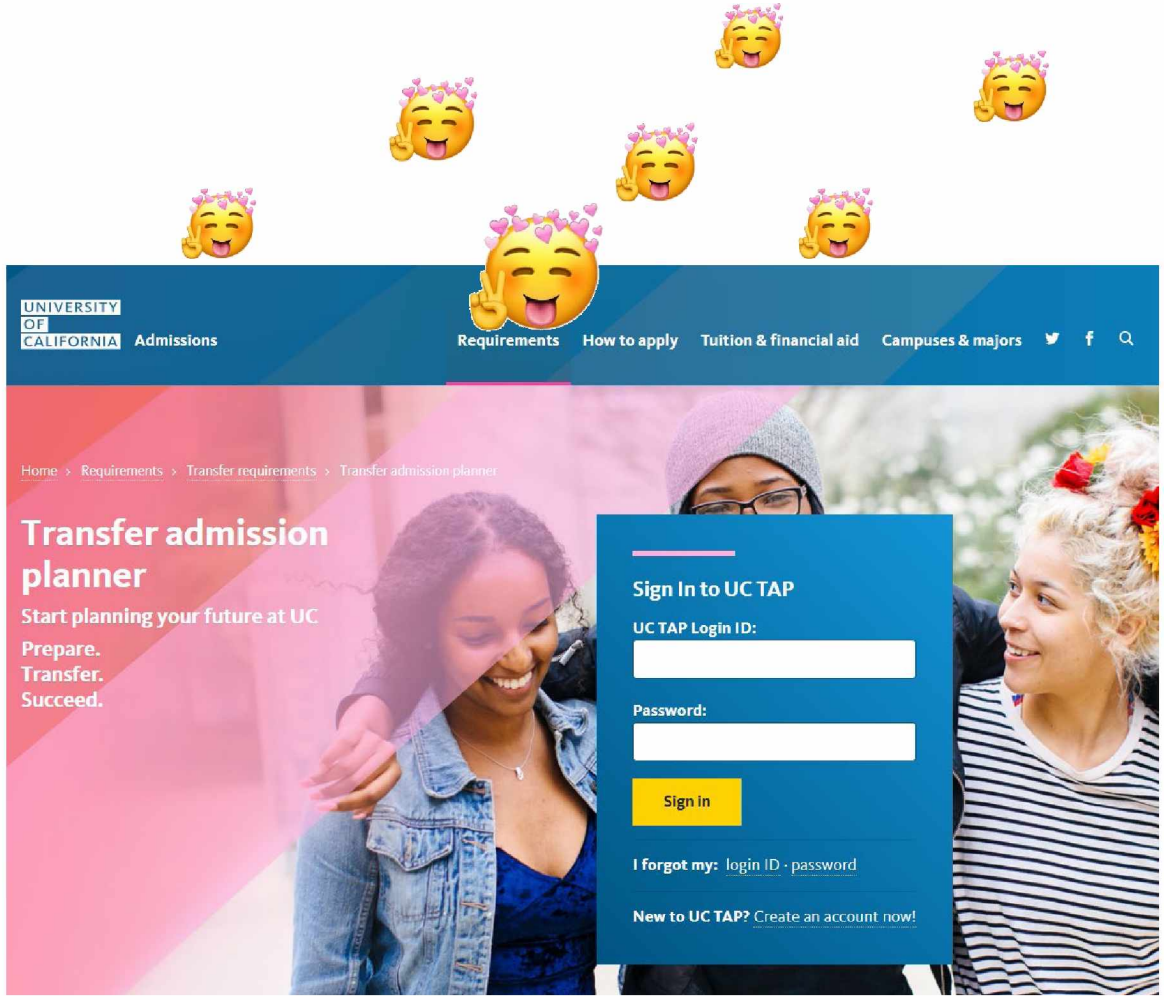
IGETC GE Pattern, *2021-2022 San Jose City College*

Grade	Course / Units
B	ENGL 1A – *English Composition (3 units)*
B	ENGL 1C – Critical Thinking/Composition (3 units)
B	COMS 20 – *Oral Communication (3 units)*
A	MATH 25 – *Precalculus/Trig (5 units)*
C	BIOL 21 – *General Biology (4 units)*
--	CHEM 1A – *Calculus Based Physics I (5 units)*
	Major Prep – Can not double count for GPA or Units
C	HIST 1 – *Survey of US History (3 units)*
B	POLSC 1 – *Politics & Gov in America (3 units)*
B	ETH 37A – *Mexican American History I (3 units)*
C	ART 90 – *Art Appreciation (3 units)*
C	MUSIC 95 – *Music Appreciation: Jazz (3 units)*
B	ETH 37A – *Mexican American History II (3 units)*
B	SPAN 1A – *Spanish 1A (5 units)*

2.80 GPA GE Coursework

Cumulative GPA 3.16

Help students understand the UC TAP is their new BFF



Fall Semester		CCC Earned	CSU Transfer	UC Transfer
ESL 92 - Advanced ESL Course	A grade	3 units	0	0
CIS 44 - Web Development	B grade	3 units	3 units	0
SOC 10 - Intro to Sociology	C grade	3 units	3 units	3 units
MATH 63 - Intro to Statistics	B grade	3 units	3 units	3 units
MATH 120 - Tutoring for Statistics	A grade	3 units	0	0
		15 units 3.0 GPA	9 units 2.67 GPA	6 units 2.5 GPA

Summary—Based on *Self-Reported Certified (ASSIST/UC)* Data

GPA & Units:

		Units(Sem/Qtr)		
	GPA:(Grd Pts/Units)	Complete:	IP/PL:	Total:
ASSIST Certified Courses:	3.48 (183.0/52.5)	35.00/52.50	21.00/31.50	56.00/84.00
Total Courses:	3.48 (183.0/52.5)	35.00/52.50	21.00/31.50	56.00/84.00
Total Exams:		0.00/0.00		0.00/0.00
Overall Total:	**3.48**	**35.00/52.50**		**56.00/84.00**

When it’s time to apply,
it all adds up.

FALL		INTER	SPRING		SUMMER
COMS	B		English Crit Thinking	C	
English Composition	B		PreCal Trig	C	
LIFE SCI GE	A		ETHNIC STUDIES	W	
ARTS GE	C				

FALL		INTER	SPRING		SUMMER
Calculus I *Single Variable*	B		Calculus II *Single Variable*	W	
SOC SCI (AI)	A		SOC SCI (AI)	A	
ART/HUM GE	A				

FALL		INTER	SPRING		SUMMER	
Calculus II *Single Variable*	B		Calculus Physics I	B	Intro Programming	A
Discrete Math	A		Calculus III *Multivariable*	A	**GPA 3.2**	

FALL	INTER	SPRING	SUMMER
Calculus Physics II		Calculus Physics III	
Differential Equations		Linear Algebra	
GPA 3.3		Data	

What conversation you're having with a student you meet at this stage?

Before FALL Grades

Class	Quarter Units	Semester Units	Standard Units	Grade	Grade Value	Grade Points
COMS		3	3.00	B	3.0	9.00
ENGL COMP		3	3.00	B	3.0	9.00
LIFE SCI		3	3.00	A	4.0	12.00
ARTS GE		3	3.00	C	2.0	6.00
ENGL CRIT		3	3.00	B	3.0	9.00
PRECAL/TRIG		6	6.00	C	2.0	12.00
CAL I		5	5.00	B	3.0	15.00
SOC SCI		3	3.00	A	4.0	12.00
ART/HUM		3	3.00	A	4.0	12.00
SOC SCI		3	3.00	A	4.0	12.00
CAL II		5	5.00	B	3.0	15.00
Discrete Math		3	3.00	A	4.0	12.00
PHYS I		5	5.00	B	3.0	15.00
CAL III		5	5.00	A	4.0	20.00
INTRO PROGRAM		3	3.00	A	4.0	12.00
			0.00		0.0	0.00
			0.00		0.0	0.00
			0.00		0.0	0.00
			0.00		0.0	0.00
			0.00		0.0	0.00

Total Units:	56.00	Total Grade Points:	182.00
		GPA:	3.2500

With FALL Grades

Class	Quarter Units	Semester Units	Standard Units	Grade	Grade Value	Grade Points
COMS		3	3.00	B	3.0	9.00
ENGL COMP		3	3.00	B	3.0	9.00
LIFE SCI		3	3.00	A	4.0	12.00
ARTS GE		3	3.00	C	2.0	6.00
ENGL CRIT		3	3.00	B	3.0	9.00
PRECAL/TRIG		6	6.00	C	2.0	12.00
CAL I		5	5.00	B	3.0	15.00
SOC SCI		3	3.00	A	4.0	12.00
ART/HUM		3	3.00	A	4.0	12.00
SOC SCI		3	3.00	A	4.0	12.00
CAL II		5	5.00	B	3.0	15.00
Discrete Math		3	3.00	A	4.0	12.00
PHYS I		5	5.00	B	3.0	15.00
CAL III		5	5.00	A	4.0	20.00
INTRO PROGRAM		3	3.00	A	4.0	12.00
PHYS II		5	5.00	A	4.0	20.00
DIFF EQUATIONS		4	4.00	A	4.0	16.00
			0.00		0.0	0.00
			0.00		0.0	0.00
			0.00		0.0	0.00

Total Units:	65.00	Total Grade Points:	218.00
		GPA:	3.3538

Campus	Is a pre-evaluation of coursework provided as part of TAG?	For which terms is a TAG accepted? What is the TAG filing period?	Is the major guaranteed as part of TAG?	What are the excluded majors for TAG?	Contact Information
Davis	Yes	Accepted for fall quarter only. Filing period: Sept. 1-30	Yes, provided all TAG requirements are completed. Applicants to Landscape Architecture are approved in a "pre-major" status (no guarantee to the major).	Undeclared programs, Computer Science, Data Science and Landscape Architecture (applicants are approved in pre-Landscape Architecture with no guarantee to the major).	UC Davis TAG contacts (530) 752-2971
Irvine	No	Accepted for fall quarter only. Filing period: Sept. 1-30	Yes, provided all TAG requirements are completed.	Art, Business Administration, Dance, Music, Nursing Science and ALL majors in the Donald Bren School of Information and Computer Sciences. (The Art major requires a portfolio.)	UC Irvine TAG (949) 824-6703
Merced	Yes Decision release dates: Fall TAG: Nov 15th Spring TAG: July 1st	Accepted for fall; filing period: Sept. 1-30 Accepted for spring; filing period: May 1-31	Yes, provided all TAG requirements are completed.	Bioengineering (all emphases), Global Arts Studies Program, and Public Health. Subject to change.	UC Merced TAG (209) 228-7178 transfer@ucmerced.edu
Riverside	No	Accepted for fall; filing period: Sept. 1-30 Accepted for winter; filing period: May 1-31	Yes, provided all TAG requirements are completed.	For fall: Art Studio For winter: Art Studio, and other majors may be subject to change.	UC Riverside TAG (951) 827-3411 Admissions.ucr.edu/ask
Santa Barbara	No	Accepted for fall quarter only. Filing period: Sept. 1-30	Yes, for College of Letters & Science (L&S) majors that do not have a pre-major. No for L&S majors that have a pre-major; the pre-major is guaranteed, but further requirements must be met at UCSB after transfer in order to be accepted into the full major.	All majors in the College of Creative Studies; all majors in the College of Engineering; Dance B.A., Dance B.F.A., Music B.M., Theater B.F.A. in the College of Letters & Science.	UC Santa Barbara TAG (805) 893-2881
Santa Cruz	Yes	Accepted for fall quarter only. Filing period: Sept. 1-30	Yes, for all screening majors. For the most current list of screening majors, please visit UC Santa Cruz TAG.	Computer Science B.A and B.S.	UC Santa Cruz TAG (831) 459-4008 tag@ucsc.edu

UC TAG MATRIX

Merced	Yes, provided the student (after applying UC lower division limitations and exclusions) does not reach or exceed 80 semester (120 quarter) transferable units of combined community college and four-year college coursework.	30 semester/45 quarter	60 semester/90 quarter	School of Engineering majors: 3.0 School of Natural Science majors: 2.9 School of Social Sciences, Humanities and Arts majors: 2.8 [Exception: Psychology 3.0] *GPAs listed above required by end of summer 2023.* For the most current information, please visit UC Merced TAG.
Riverside	Yes, provided the student (after applying UC lower-division unit limitations and exclusions) does not reach or exceed 80 semester (120 quarter) units of combined community college and four-year college transferable coursework.	30 semester/45 quarter	60 semester/90 quarter	College of Humanities, Arts, and Social Sciences (CHASS): 2.8 [Exceptions: Psychology, and Theater, Film & Digital Production 3.3] Marlan and Rosemary Bourns College of Engineering (BCOE): 3.0 [Exceptions: Computer Science 3.6; Computer Science w/Business Applications 3.3; Computer Engineering 3.3; Mechanical Engineering 3.1] College of Natural and Agricultural Sciences (CNAS): 2.8 School of Business: 2.8 Graduate School of Education: 2.7 School of Public Policy: 2.7 *GPAs listed above required by end of fall 2023.* For the most current information, please visit UC Riverside TAG.

UC TAG MATRIX

2024-2025 CSU Undergraduate Impacted Programs Matrix

	Bakersfield	Channel Islands	Chico	Dominguez Hills	East Bay	Fresno	Fullerton*	Humboldt	Long Beach*	Los Angeles*	Maritime Academy N	Monterey Bay	Northridge	Pomona	Sacramento	San Bernardino	San Diego*	San Francisco	San Jose*	San Luis Obispo*	San Marcos	Sonoma	Stanislaus
Apparel Design & Merchandising														O	O			O					
Architecture														I						I			
Art	O	O	O	O	O	O	I	O	I	I		O	O	O	O	O	I	N	I	I	O	O	O
Biological Sciences**	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	I	O	O
Business	O	O	O	O	O	O	I	O	I	I	O	O	N	N	I	O	I	N	I	I	I	O	O
Chemistry/Biochemistry	O	O	O	O	O	O	I	O	I	I			O	I	O	O	I	O	I	I	O	O	O
Child/Human Development	O		O	O	O	O	I	O	I	I		O	O		O	O	I	O	I	I	O	O	O
Communication	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	O	O	O
Computer Science	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	O	O	O

[CSU Impaction Matrix]

2024-2025 CSU Undergraduate Impacted Programs Matrix

	Bakersfield	Channel Islands	Chico	Dominguez Hills	East Bay	Fresno	Fullerton*	Humboldt	Long Beach*	Los Angeles*	Maritime Academy N	Monterey Bay	Northridge	Pomona	Sacramento	San Bernardino	San Diego*	San Francisco	San Jose*	San Luis Obispo*	San Marcos	Sonoma	Stanislaus
Apparel Design & Merchandising														O	O			O					
Architecture														I						I			
Art	O	O	O	O	O	O	I	O	I	I		O	O	O	O	O	I	N	I	I	O	O	O
Biological Sciences**	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	I	O	O
Business	O	O	O	O	O	O	I	O	I	I	O	O	N	N	I	O	I	N	I	I	I	O	O
Chemistry/Biochemistry	O	O	O	O	O	O	I	O	I	I			O	I	O	O	I	O	I	I	O	O	O
Child/Human Development	O		O	O	O	O	I	O	I	I		O	O		O	O	I	O	I	I	O	O	O
Communication	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	O	O	O
Computer Science	O	O	O	O	O	O	I	O	I	I		O	O	I	O	O	I	O	I	I	O	O	O

CSU Impaction Matrix

CSU LOCAL ADMISSION AND SERVICE AREAS

CAMPUS	LOCAL ADMISSION AREA		SERVICE AREA
	First-Time Freshman Admission	Upper-Division Transfer Admission	Outreach, Recruitment, EAP
Long Beach	Each program is impacted. The following school districts: ABC, Anaheim (Cypress and Oxford only), Bellflower, Compton, Downey, Huntington Beach, Long Beach, Los Alamitos, Norwalk-La Mirada, and Paramount	Each program is impacted. Transfer applicants will receive "Local Preference" for admission consideration based on their high school of graduation. The same geographic boundaries used to determine local area high schools for freshmen will now be used to determine local preference for incoming transfers as well. As part of our commitment to provide access to veterans, CSULB will give "Local Preference" to all military veterans regardless of their school of origin.	Los Angeles County (see Attachment B and C)

[Local CSU Admissions Area]

Computer Science

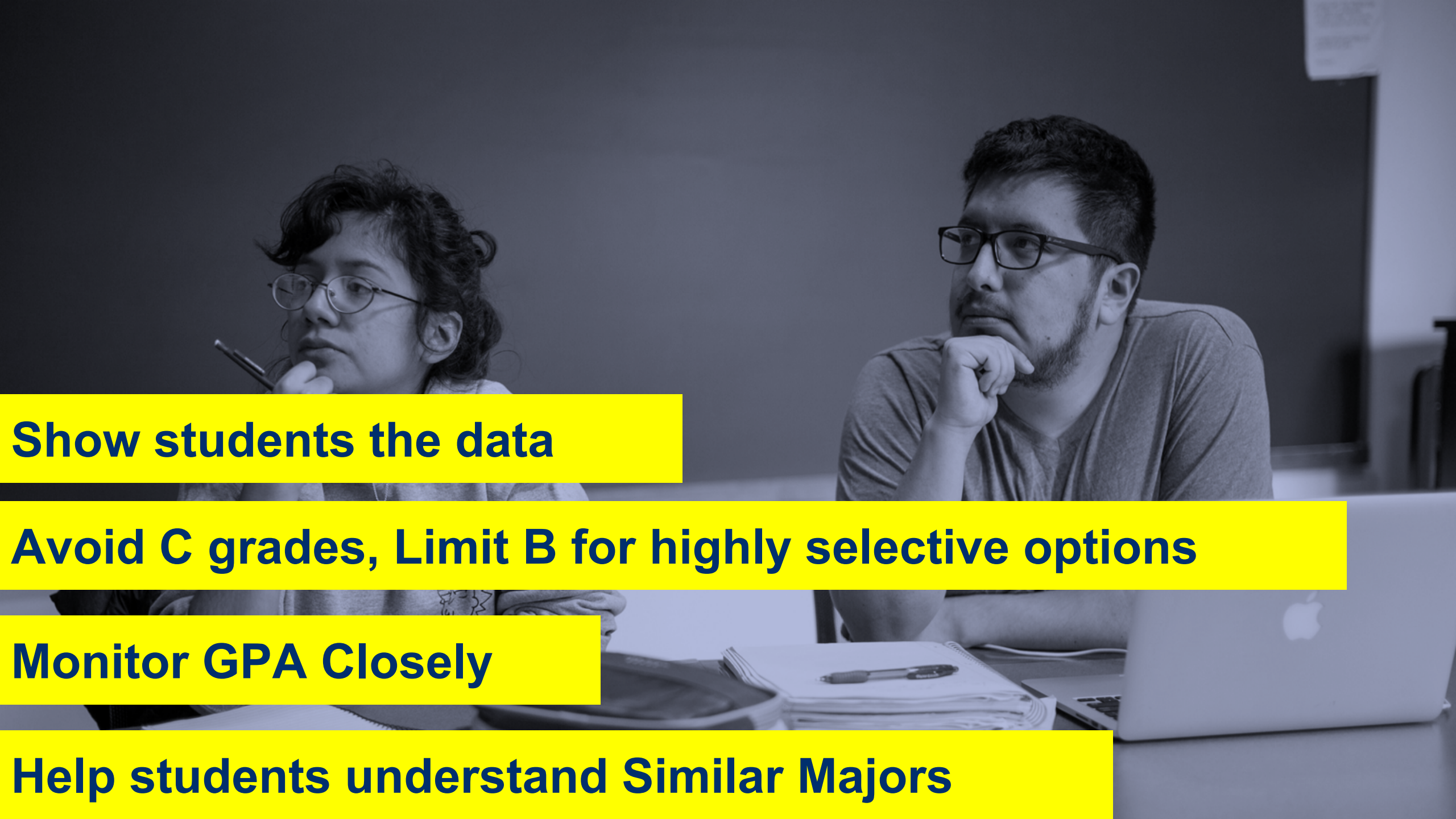
To be considered for admission to the major, applicants must demonstrate the following:

- Minimum Cumulative GPA: 2.5
- Minimum lower-division preparation (grade of C or better required)

Major Preparation Courses	Course Number	Course Title
CECS	174	Introduction to Programming and Problem Solving
MATH	122	Calculus I
MATH	123	Calculus II
PHYS or CHEM	151 or 111A	Mechanics and Heat or General Chemistry

[CSU Long Beach Transfer Major Criteria]

Final takeaways



Show students the data

Avoid C grades, Limit B for highly selective options

Monitor GPA Closely

Help students understand Similar Majors

Peer Support Matters
Academic Supports Matter
Instructors Matter
Scheduling Matters

Invest in Career Development Opportunities

These experiences all add up & move the needle