California South Bay University

A Greater Vision │ A Greater Future

2018
CATALOG

2018
CATALOG
January 1 2018 – December 31 2018

Campus | 577 Salmar Avenue Suite 120, Campbell, CA 95008

Tel | (408) 400-9008   Fax | (866) 868-7688

Website | csbu.us   Email | info@csbu.us

Trimester Semester Scheduling

Trimester Semester Scheduling consists of three 15-week sessions scheduled throughout the academic year.

Spring 2018
(January 8, 2018 – April 22, 2018)
January 5 New student orientation
January 8 Classes begin
January 8 – 11 Late registration period (additional fee applies)
January 8 – 18 Add/Drop period for classes
March 30 Last day to file for graduation for Spring 2018
April 9 – 27 Regular registration period for Summer 2018
April 16 – April 22 Final week

Summer 2018
(May 7, 2018 – August 19, 2018)
May 4 New student orientation
May 7 Classes begin
April 30 – May 11 Late Registration Period (additional fee applies)
May 7 – 18 Add/Drop period for classes
July 27 Last day to file for graduation for Summer 2018
July 6 – August 24 Regular registration period for Fall 2018
August 13 –August 19 Final week

Fall 2018
(September 3, 2018 – December 16, 2018)
August 31 New student orientation
September 3 Classes begin
August 27 – September 7 Late registration period (additional fee applies)
September 3 – September 14 Add/Drop period for classes
November 26 – December 14 Regular registration period for Spring 2019
November 23 Last day to file for graduation for Fall 2018
December 10 – December 16 Final Week

2018 Holidays

*Campus is closed during holidays listed below.

Date	Holiday
Monday, January 1	New Year's Day
Monday, January 15	Martin Luther King Day
Monday, February 19	President's Day
Monday, May 28	Memorial Day
Wednesday, July 4	Independence Day
Monday, September 3	Labor Day
Monday, October 8	Columbus Day
Monday, November 12 (Observed)	Veteran's Day
Thursday & Friday, November 22 & 23	Thanksgiving Holiday
December 17, 2018-January 1, 2019	Christmas & New Year Holidays

Questions about this catalog: Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at:

2535 Capitol Oaks Drive, Suite 400
Sacramento, CA 95833

Mailing address:

P. O. Box 980818
W. Sacramento, CA 95798-0818

Website: www.bppe.ca.gov

Toll Free Number:
1 (888) 370-7589

Telephone Number:
(916) 431-6959

Fax Number:
(916) 263-1897

INTRODUCTION

California South Bay University is a private institution and it is approved to operate by the Bureau for Private Postsecondary Education.

The CSBU Catalog is an annual publication containing information on current programs, academic requirements, learning facilities, tuition and fees, and disciplinary issues concerning all applicants and students at CSBU. This catalog is subject to change without notice.

California South Bay University reserves the rights to change admission requirements, the courses and their contents, the organization of curricula, retention programs, awarding of degrees, and other necessary rules and regulations. Such regulations shall be effective whenever determined by the appropriate faculty and administrative bodies; they may govern both old and new students.

Every effort, however, has been made to assure that all regulations and curricula information contained in this Catalog are correct and updated as of January 1, 2018.
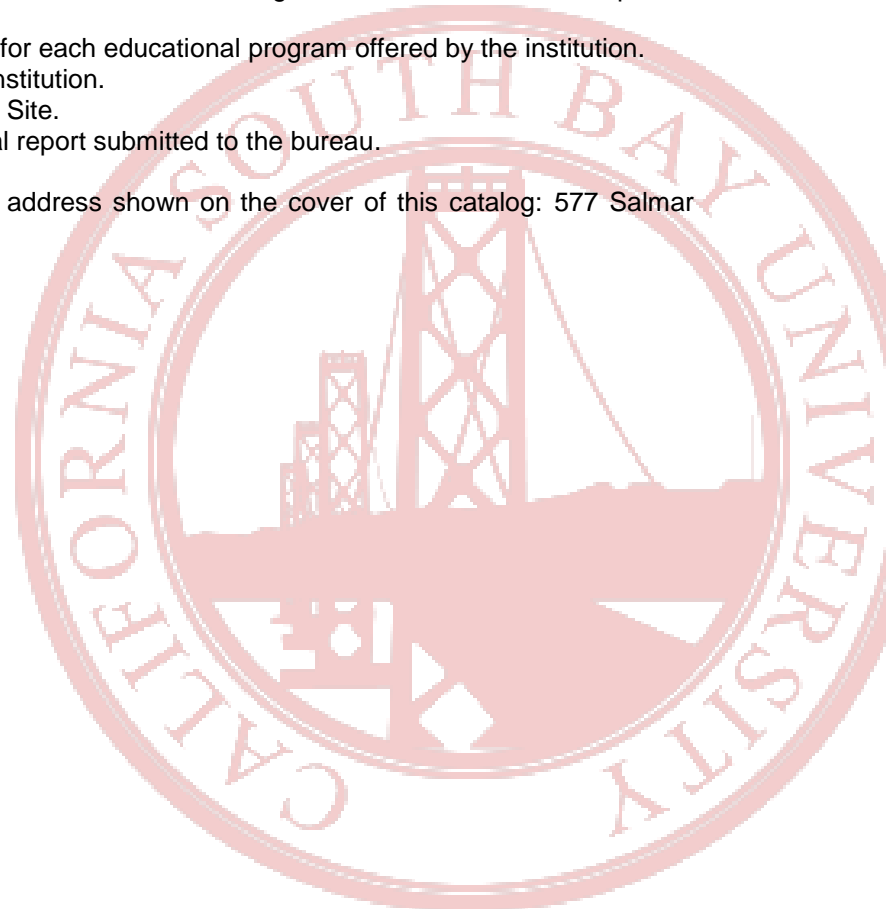
The time period covered by this catalog is from 01/01/2018 to 12/31/2018.

This catalog is available both online and in hardcopy format if requested. The CSBU Catalog and other pertinent information are also available at Office of Admissions as well as on the university website at www.csbu.us.

The CSBU official website www.csbu.us includes all of the following documents available to the public:
   (1) The school catalog.
   (2) A School Performance Fact Sheet for each educational program offered by the institution.
   (3) Student brochures offered by the institution.
   (4) A link to the bureau's Internet Web Site.
   (5) The institution's most recent annual report submitted to the bureau.

All instruction provided at CSBU is at the address shown on the cover of this catalog: 577 Salmar Avenue, Campbell, CA 95008

CONTENTS

MESSAGE FROM THE PRESIDENT

Dear Students,

Welcome to California South Bay University (CSBU)!

In 2017, CSBU commemorated its 10th anniversary of its establishment. Over the past ten years, we have been making great effort to help students achieve their goals in work and life. In this memorable journey, CSBU made outstanding achievements that we are so proud of. And we will continue to offer quality education and services to you.

At CSBU, you are provided with education that closely follows the development of the fast-changing Silicon Valley high-tech industry and economy. Our Master of Science in Computer Science program features the hottest topics in IT industry including data science and mobile application. The dynamic teaching and real-world projects can directly and effectively improve student's practical skills that lead to successful career. All of our professors hold advanced degrees and have many years of professional experiences in the areas where they teach. You can expect a whole new learning experience from them while studying at CSBU.

Providing excellent student services is another important task that we have been focusing on and will continue to improve. I hope all students here at CSBU have wonderful experience in services that we provide. Career planning and consulting is one of the most valuable services. You should utilize this service as much as you can. The greatness of career consulting is more than just that as the service is also available for our alumni. Whenever you need assistance, we will be there to help.

We look forward to the next remarkable and fruitful ten years and beyond with your engagement.

Sincerely,

Ling Li
PRESIDENT

GENERAL INFORMATION

California South Bay University (CSBU) is a pioneer in offering quality academic programs in the center of Silicon Valley. CSBU is constantly improving the academic programs that fully reflects the core competency of Silicon Valley and exceeds the limitation of traditional education. CSBU is committed to providing a variety of resources and a dynamic learning experience for the students. We believe that the education we provide will benefit the students in achieving academic excellence and accomplishing professional goals.

At CSBU, we are proud of ourselves both on the quality of our education and its relevance to today's professional world; especially in hi-tech and global business management. Each program within the university is designed to ensure that all of the acquired knowledge and skills valuable to its graduates, offering a practical and solid foundation for the students' future. We make sure that our educational programs would broaden students' knowledge, enhance practical skills and critical thinking, as well as improve problem-solving abilities. Students will benefit from the programs and accomplish their professional goals.

In addition to enhancing students' capability of developing their own career, CSBU embraces the notion of innovation. CSBU is dedicated to fostering a culture of innovation by nurturing the spirit of collaboration, critical thinking, and entrepreneurship within its student community. Students are encouraged to be creative in acquiring advanced knowledge and to embrace a creative spirit into their lives. We believe that once students internalize the spirit of innovation through participating in our learning community, it will become their life-long asset.

The vision of CSBU is that CSBU aspires to provide innovative and cutting- edge education resources for professionals and leaders to inspire their imagination and motivate their creativity that leads to contribution to the global community.

STATEMENT OF MISSION & OBJECTIVES

Mission

CSBU is dedicated to offering educational programs that can effectively enhance students' competitiveness in career advancement.

Objectives

Guided by the vision and mission, California South Bay University is dedicated to the pursuit and attainment of the following:

- Develop and maintain quality academic programs that reflect the latest technological innovation and in Silicon Valley.
- Conduct instruction by experienced professors with comprehensive and creative instructional methods.
- Provide excellent career services to help students achieve their professional goals.
- Create various opportunities to broaden students' scope of learning, practice and social network that leads to students' success.
- Encourage students and faculty members to engage in activities of professional development, cultural exchange and community contribution.
- Foster an academic community that promotes creativity, entrepreneurial spirits, social responsibilities as well as ethics awareness.
- Establish strong bond with local community to support any entrepreneurial endeavor by CSBU students; establish partnerships around the world to enrich professional resources for students to utilize in their career.

ACCREDITATION

Currently, California South Bay University and its degree programs are not accredited by an accrediting agency recognized by the United States Department of Education.

A graduate of the degree program may not be eligible to sit for the applicable licensure exam in California and other states. Depending on the job requirements, a graduate of the degree program may not need to pass a licensure exam to meet job qualification requirements.

A degree program that is unaccredited or a degree from an unaccredited institution is not recognized for some employment positions, including, but not limited to, positions with the State of California.

A student enrolled in an unaccredited institution is not eligible for federal financial aid programs.

NOTICE TO PROSPECTIVE DEGREE PROGRAM STUDENTS

This institution is provisionally approved by the Bureau for Private Postsecondary Education to offer degree programs. To continue to offer this degree program, this institution must meet the following requirements:

• Become institutionally accredited by an accrediting agency recognized by the United States Department of Education, with the scope of the accreditation covering at least one degree program.

• Achieve accreditation candidacy or pre-accreditation, as defined in regulations, by June 17, 2018 and full accreditation by June 17, 2021.

If this institution stops pursuing accreditation, it must:

- • Stop all enrollment in its degree programs, and
- • Provide a teach-out to finish the educational program or provide a refund.

An institution that fails to comply with accreditation requirements by the required dates shall have its approval to offer degree programs automatically suspended.

STATEMENT OF FINANCIAL SOLVENCY

CSBU has no pending petition in bankruptcy, is not operating as a debtor in possession, and has not filed a petition within the preceding five years that resulted in reorganization under Chapter 11 of the United States Bankruptcy Code (11 U.S.C. Section 1101 et seq.)

COMPLAINTS

A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling: (888) 370-7589 or by completing a complaint form, which can be obtained on the bureau's Internet Web site: www.bppe.ca.gov.

UNIVERSITY LOCATION

California South Bay University is located just 40 miles south of San Francisco and is in the center of the world's greatest concentration of hi-tech, professionals and scientific activities: Silicon Valley. There are many world-renowned firms within a five mile radius of CSBU such as HP, Intel, Microsoft, AMD, ATMEL, Sun Microsystems, NASA and IBM; each one a global leader in science and/or technology. San Francisco, San Jose, Marin County, Berkeley, Oakland, and California's famous pacific beaches are all within one-hour distance by bus, train, or car. The Monterey Peninsula, Carmel and the famous Napa Valley wine country are all less than two hours away from CSBU. San Jose International Airport is about nine miles from the campus.

University Address: (All classes are held in this location.)
California South Bay University
577 Salmar Avenue Suite 120
Campbell, CA 95008
Tel: (408) 400-9008
Fax: (866) 868-7688

ADMISSION POLICIES

- **CSBU admits all qualified individuals into the University without regard to race, religion, gender, ethnic origin, or physical handicap.**
- **CSBU makes education available to all individuals who meet the qualifications for entrance the University.**

ADMISSIONS REQUIREMENT

A. Previous Education Background

Students applying for admission to CSBU Master's Degree programs are required to demonstrate their education level, professional skills and qualification necessary to benefit from the programs. At minimum, applicants who are considered to be eligible to be admitted should have earned a Bachelor's degree or equivalent with a cumulative 2.00 GPA. Applicants must provide proof of earned degree including photocopy of diploma and official transcripts. If any of the application documents is not in English, a certified translation must be provided.

NOTE: CSBU will not consider any Ability to Benefit Test results for admission purposes.

B. English Proficiency

All classes will be taught in the English language. CSBU does not offer any English language services, including instruction such as English as Second Language (ESL). Thus, all applicants must meet minimum English Proficiency requirement to apply for Master's degree program.

a. Applicants who have completed high school education or a degree program in an English speaking country or school (Majority of the credits are earned in English) are considered meeting the entrance English requirement.

Education earned or a citizen from the following countries are considered meeting the requirement: Antigua, Australia, Barbados, Bermuda, Bahamas, Belize, British Virgin Islands, Canada (except Quebec), Cayman Islands, Dominica, Grenada, Guyana, Ireland, Jamaica, New Zealand, Nevis & St. Kitts, St. Lucia, South Africa, St. Vincent, Trinidad & Tobago, Turks & Caicos, and the United Kingdom (English, Scotland, Northern Ireland & Wales.)

b. Applicants whose preparatory education was principally in a language other than English must prove sufficient skills in English to be considered for admission. English proficiencies can be assessed by a standardized test, such as TOEFL or IELTS. The test results will indicate the student's English proficiency level in listening, grammar, reading, speaking and writing. Students need to get minimum score of English proficiency test (mentioned below) to meet degree program admission requirement.

Applicants must receive a minimum score of 61 on the TOEFL Internet Based Test (iBT), or a 5.0 on the International English Language Test (IELTS). TOEFL Institution Code for CSBU is 6691.

C. Admission Application Materials:

All applicants must submit the following materials to apply for master's degree program:

a. Completed CSBU Application Form

b. Photocopy of State ID/driver license and/or Passport

c. Non-refundable University Admission Application Fee (see Tuition and Fee section for detail)

d. Official Transcripts from all universities attended.

e. Photocopy of diplomas from all degrees earned.

f. Proof of English Proficiency (waived if one of the degrees earned meets English Proficiency Requirement, B (a) listed above)

The following documents will be accepted by the University and used for English proficiency evaluation:

1. Test of English as a Foreign Language (TOEFL) examination official score report.

2. International English Language Testing System (IELTS) examination official score report.

3. Evidence that the applicant's first language is English. Documents must be provided to demonstrate that the applicant attended school(s) in a country where English is the official language and language of instruction.

4. CSBU English Placement Test. CSBU English Placement Test includes Reading, Listening and Writing sections. Applicants may be offered to take an English Placement Test at CSBU to have their English proficiency level determined if insufficient proof of English proficiency is provided. Applicants may receive a "Conditional Admission" if they meet CSBU's academic requirements but do not have evidence to prove their English proficiency. Applicants who pass the placement test will be considered meeting English proficiency level for admission.

D. Additional Application Materials:

The Admissions Committee accepts additional application materials from applicants. Applicants are encouraged to provide optional materials to demonstrate their qualification for admission. In case of minimum academic requirements are not met, the optional materials may be considered. Only the following materials will be accepted:

a. Graduate Record Examination (GRE) score report for application for Master of Science in Computer Science program

b. Graduate Management Admission Test (GMAT) score report for application for Master of Business Admission program

c. Letters of Recommendation. Letters should include the applicants' academic and/or professional performance.

d. Statement of Purpose. Applicants may express their educational and professional goals by submitting an essay with application materials. Applicants may describe the purposes for attending graduate school. Word count may not exceed 600 words.

e. Resume

f. Relevant certificates, rewards and/or achievement in academic or profession.

All application materials submitted for admissions must be in English or must contain English translation on original copy. Any material provided in a language other than English must have certified English translation attached.

E. Application Submission:

All application materials must be packed and mailed or handed in in person in one package, except for the official transcripts that are mailed directly from applicants' previous institutions or testing organizations. Unless otherwise requested by admissions officers, separate application materials will not be considered for admission evaluation. Currently, only hardcopy materials will be accepted.

Application Mailing Address (also for in-person delivery):

Office of Admissions
577 Salmar Avenue #120
Campbell, CA 95008 U.S.A

Admission Deadline:

Semesters Applying for:	Class Start Date	Application Deadline
Spring 2018	Jan. 8, 2018	Dec. 15, 2017
Summer 2018	May. 7, 2018	Apr. 23, 2018
Fall 2018	Sep. 3, 2018	Aug. 20, 2018

All documents must be received by CSBU by the deadlines listed above for each trimester. Applicants may contact Office of Admissions for expedited application process request and late application information.

Acceptable application fee payment methods include: cash, personal check/cashier's check/money order, credit/debit card (paid through CSBU website). You may contact Office of Admissions for wire transfer.

All documents submitted for admission purposes became property of the University and will not be returned.

VISA

At this time, CSBU does not admit non-immigrant students from foreign countries holding F1 visa. CSBU does not provide visa services and will not vouch for student status or any associated charges.

TRANSFER CREDIT POLICY

Applicants who wish to transfer course credits earned at other universities, colleges and educational institutions towards their CSBU degree program may request transfer credit evaluation at the time of application. The courses accepted for transfer are determined by Office of Admissions. Only graduate – level courses that are substantially equivalent to the courses offered at CSBU in the same study area can be transferred. The courses to be transferred may only substitute for elective courses and not for core courses in CSBU degree programs. CSBU does not recognize or accept transfer credits gained through prior experiential learning. No more than 7 credit hours can be transferred, which means students must complete a minimum of 80% of the academic work at CSBU to earn a graduate degree. Transfer credits for individual courses are accepted only when the student has received a grade of C or above. Only courses taken within the past 5 years shall be considered for credit transfer.

CSBU has not entered into any formal transfer credit agreements with other degree granting institutions at this time.

CONDITIONAL ADMISSION

A conditional Admission status is offered if the following occurs:

- Applicants applied for CSBU Master's programs at their last year of college and does not have their final grades of the courses in progress until the end of the last year.
- Applicants meet all academic requirement but do not have sufficient proof of satisfactory English proficiency. Conditional admission allows applicants to have additional time to take English placement test or improve their English.

A conditional admission is valid for one year. All applicants with conditional admission must maintain their eligibility by completing courses with passing grades, submitting required admission documents (e.g. final official college transcripts, English proficiency test score reports, etc.) by deadline as well as adhering to all other requirement.

All Conditional Admission decisions are subject to a final review by the Office of Admissions. Failure to maintain eligibility of admissions may result in conditional admission decision being rescinded.

DEFERRED ADMISSION

In the case that an applicant wishes to postpone their enrollment after they receive an offer of admission, the applicant can request to defer their admission to the next trimester to Office of Admissions. Deferred admission request must be submitted via email to this following address: admissions@csbu.us. Request must be received by the Office before deferment deadline. Deferment deadline is the Monday prior to the first day of each trimester. Approval of the request may not be granted. Applicants may only defer admission for once. Admission can only be deferred to the following entry trimester. If a deferred admission request is denied or the applicant wishes to start classes at a different trimester other than the following entry trimester, the applicant has to re-apply.

CANCELLATION OF ADMISSION AND READMISSION

If an applicant is accepted into a degree program for a given semester and does not begin classes in that semester, admission will be cancelled automatically. The prospective student's application package is kept on file for a period of 5 years. If the applicant wishes to be considered for readmission in a later semester, he/she will be required to resubmit 1) an application form, and 2) pay a readmission fee. A re-evaluation of admission will be made for the applicant.

STUDENT STATUS

Unless otherwise determined by the Admissions Committee, all newly admitted students are to have "Entry Status" at CSBU. After the successful completion of two semester terms, or 18 credit units, students will automatically become "Full Status" students.

The minimum requirement of a Full Time student enrolled in a master's program is as follows:
- Enrolling in 9 credit units in each of the two out of the three semester terms throughout one year of study (12 month period), starting from the student's first day of class attendance.

ENROLLMENT AGREEMENT

Upon acceptance students will be presented with an Enrollment Agreement which indicates the student's program, length of study, estimated costs, refund policy, and other pertinent information. Student should read the information provided on the agreement. Both the student and the admissions staff must sign the enrollment agreement.

As a prospective student, you are encouraged to review this Catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement.

FINANCIAL OBLIGATIONS

TUITION AND FEES

Application fee	$ 100.00
(One-time fee, nonrefundable, sent with each application form)	
Tuition for graduates (per credit unit for all courses)	$320.00
Registration fee (per semester)	$ 50.00
Late registration fee[1]	$100.00
Student Association membership [2] (per semester)	$ 10.00
Late payment fee[3]	$ 50.00
Add/Drop course Fee (per course)	$ 20.00
Fee for filing petition for incomplete grade	$ 50.00
Fee for course examination under Challenge Test	$ 100.00
Graduation fee[4] (due when file in for graduation request)	$ 280.00
Academic transcript fee (per copy)	$ 10.00
Bounced check fee	$ 20.00
Student ID Fee (per card)	$ 10.00

[1]*Nonrefundable, applies to students who register for classes within Late Registration Period.*
[2] *Student Association fee is not institutional charge. The fee covers costs for student extracurricular activities or events held by university Student Associations.*
[3]*Late payment fee applies after one (1) month after the first day of trimester if there is outstanding balance unpaid by the student.*
[4]*Graduation fee includes the fees for diploma with cover, one copy of official transcript as well as domestic priority mailing for diploma and transcript. Non-refundable fee due when filing for graduation request.*

ESTIMATED PROGRAM CHARGES

Program of Study	Program Tuition[1]	Registation Fee[1]	Estimated Textbook Cost	Estimated Lab Supplies Cost	Gradua-tion Fee	Student Tuition Recovery Fund (STRF)[2]	Estimated Total Charges[3]
Business Administration (MBA)	$11,520	$200	$600	$0	$280	$0.00	$12,640.00
Computer Science (MSCS)	$11,520	$200	$400	$0	$280	$0.00	$12,440.00

[1] Degree program tuition is estimated based on $320/unit * 36 units.
   Registration fee is calculated for total 4 semesters at $50/semester rate. It's **non-refundable** after registration each semester.
[2] STRF Fees are waived at this time, as of January 1, 2018. The School will notify students when STRF fees are again required. **STRF Fees are non-refundable**.
[3] Estimated total charges for the entire educational program.

PAYMENT DUE DATE

Tuition and fees for each trimester are due in full upon registration of courses. CSBU reserves the right to cancel enrollment for students whose fees are not paid one month after the first day of each trimester.

ACCEPTABLE PAYMENT METHODS

a. Pay online at CSBU website: Credit/Debit Card
   Only Application fee and transcript fees are payable through website.
b. Pay in person at Registrar Office:
1) Cash
2) Personal Check, Money Order, Cashier's Check
c. Pay by wire transfer: Acceptable. Please see Registrar for detailed instruction.

STUDENT'S RIGHT TO CANCEL & CANCELLATION POLICY

If California South Bay University does not accept your application for admission or cancels your enrollment agreement prior to the first class session, all funds paid, including the registration fee, will be fully refunded. The student has a right to cancel the enrollment agreement and obtain a refund of charges paid, through attendance at the first class session, or the seventh day after enrollment, whichever comes later. You may cancel this enrollment agreement and receive a refund by providing a written notice to: Office of the Registrar, California South Bay University, 577 Salmar Avenue, Suite 120, Campbell, CA 95008. CSBU must receive a written cancellation notice with your signature on it.

The refund shall be the amount the student paid for instruction multiplied by a fraction, the numerator of which is the number of hours of instruction which the student has not received but for which the student has paid, and the denominator of which is the total number of hours of instruction for which the student had paid.

All amounts that the student has paid, however denominated, shall be deemed to have been paid for instruction, unless the student has paid a specific charge for equipment as set forth in the agreement for the course of instruction. The last date of the student's attendance is used for all refund calculations.

PRO- RATED REFUND

A student may withdraw from a course of instruction at any time. If the student withdraws from a course once the course is started, the student is entitled to receive a pro- rated refund, based on the last day of attendance, for the unused portion of the tuition, in accordance with the following pro- rated refund policy.

The pro-rated refund shall be the total amount paid for the course multiplied by the number of hours remaining in the course, divided by the total number of course hours. There will not be a refund of the registration fee or applicable STRF.

Students have the right to cancel the enrollment agreement and obtain a refund of charges paid through attendance at the first class, or the 7th day after enrollment, whichever is later. Students may formally withdraw from a class by handing in a completed Course Drop Form obtained from the Academic Office. If a student withdraws from a course, he/she may be eligible to receive a refund, the amount of which will be in accordance with the following chart. The student must return all the checked out items such as library books and equipment prior to refund. The detailed refund schedule for a typical 3 credit unit class is as follows:

Date of withdrawal is before the end of:	% of Tuition Refunded
After the first day of the class or the seventh day after enrollment (Whichever comes later)	100%
2nd week	90%
3rd & 4th week	80%
5th week	70%
6th & 7th week	60%
8th week	50%
9th & 10th week	40%
11th week	30%
12th to 15th week	0%

FINANCIAL ASSISTANCE

FEDERAL AND STATE FINANCIAL AID PROGRAMS

At this time CSBU does not participate in state and/or federal student financial aid programs.

STUDENT LOAN OBLIGATIONS

If a student obtains a loan to pay for an educational program, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund. If the student receives any federal financial aid funds, the student is entitled to a refund of the money not paid from federal financial aid funds.

STUDENT TUITION RECOVERY FUND

You must pay the state-imposed assessment for the Student Tuition Recovery Fund (STRF) if all of the following applies to you:

1. You are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all of part of your tuition either by cash, guaranteed student loans, or personal loans, and

2. Your total charges are not paid by any third-party payer such as an employer, government program or other payer unless you have a separate agreement to repay the third party.

You are not eligible for protection from the STRF and you are not required to pay the STRF assessment if either of the following applies:

1. You are not a California resident, or are not enrolled in a residency program, or

2. Your total charges are paid by a third party, such as an employer, government program or other payer, and you have no separate agreement to repay the third party.

The State of California created the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic losses suffered by students in educational programs who are California residents, or are enrolled in a residency program attending certain schools regulated by the Bureau for Private Postsecondary Education.

You may be eligible for STRF if you are a California resident or are enrolled in a residency program, prepaid tuition, paid STRF assessment, and suffered an economic loss as a result of any of the following:

1. The school closed before the course of instruction was completed.

2. The school's failure to pay refunds or charges on behalf of a student to a third party for license fees or any other purpose, or to provide equipment or materials for which a charge was collected within 180 days before the closure of the school.

3. The school's failure to pay or reimburse loan proceeds under a federally guaranteed student loan program as required by law or to pay or reimburse proceeds received by the school prior to closure in excess of tuition and other costs.

4. There was a material failure to comply with the Act or the Division within 30-days before the school closed or, if the material failure began earlier than 30-days prior to closure, the period determined by the Bureau.

5. An inability after diligent efforts to prosecute, prove, and collect on a judgment against the institution for a violation of the Act.

Note: Currently the BPPE is not collecting STRF Fees, as of January 1, 2018. The school will notify student if/when the state resumes the collection of these fees.

ACADEMIC INFORMATION & POLICIES

FORM OF INSTRUCTION

CSBU offers all its courses in traditional classroom settings on site of CSBU campus. To attend classes, all students are required to physically come to CSBU classrooms and labs which are located at 577 Salmar Avenue Suite 120, Campbell, CA 95008.

DISTANCE EDUCATION

CSBU does not offer any distance education programs.

STUDY PLAN

Upon admission to a degree program, each new student receives a copy of his/her admission evaluation form which includes student's study plan at the CSBU as well as graduation requirements.

ACADEMIC ADVISING & COUNSELING

Each student will be assigned an Academic Advisor. The Academic Advisor will assist students in planning a program of study that fits the needs of the student and satisfies the program requirements. Advisor approval is required for registration.

REGISTRATION

The regular registration period of each trimester begins 4 weeks prior to the first day of the trimester and ends on Friday one week prior to the first day of the trimester. Students are required to meet with assigned academic advisor to discuss study plan prior to registration each trimester.

LATE REGISTRATION

Late registration period begins one week prior to the first day of the trimester and ends on the first Friday of the trimester. One time late registration fee will apply for any course that was registered during this period for each trimester.

ADDING AND DROPPING COURSES

Adding and/or dropping classes is allowed only during add/drop period, which is from the first day of the trimester to Friday of the second week of the trimester.

Unless otherwise determined by the Academic Committee, students are not allowed to add any courses after second week of the trimester. Students must also obtain permission from the Professor teaching the class they intend to add.

Students who wish to drop a course must do so before the third week of the trimester starts to not have it affect their grades. These students will have the designator WN (Withdrawal - No attempt) appears on their transcripts. Students who drop a course after the third week of the trimester starts and up to the 9th week in the trimester will have the designator WA (Withdrawal – Attempted) on their transcripts. Students dropping a course after the 9th week in the term will have the designator WP (Withdrawal-Passing) or WF (Withdrawal – Failing) on their transcripts, depending on whether the student was passing or failing the course at the time of filing the request to drop. Refund of tuition will be issued for a dropped course as stated in the Financial Obligations and Refunds section.

Holders of tuition and fee waivers must maintain the required number of credit hours or risk losing their tuition and fee waiver for the term. Students who lose their waivers must pay the full cost of tuition.

COURSE LOAD

Graduate students who enroll for at least 9 credit hours in one trimester will be considered to be full time students. The maximum course load for a graduate student in one trimester is twelve (12) credits.

CLASS SCHEDULE

Classes are scheduled every trimester. Students will be able to obtain information of class schedules for the following trimester at Registration period. Many classes are scheduled on weekday evenings and on weekends to allow working professionals to pursue their studies during after-work hours.

AUDITING COURSES

Auditing a class allows students to take a class without academic credit or a grade. Students are not required to complete course assignments or exams. Students wishing to audit a class must obtain approval from the instructor of the class and the Office of Administration. A grade of AU (audit) is assigned to the course and recorded on the academic record. Courses taken for Audit do not apply toward any academic degree, and do not count as part of a student's course load. Auditing classes must be registered before the Add/Drop period ends.

REPEATING COURSES

Students may repeat a course for credits if an earned grade of a course is one of the following grades: In such cases, the course can be repeated and counted only once toward the degree requirements if the student passes the class.

- The course is designated with the phrase "May be repeated for credits."
- Permitted by the Academic Committee on a case-by-case basis.
- They have earned a grade of D+ or less for a course which is a pre-requisite to another course.

CREDIT HOURS FOR COURSES

Academic units are measured in terms of credit hours. One credit hour is equivalent to one semester term hour, where one semester term hour is equivalent to 15 classroom hours of lecture. For courses that involve laboratory work and/or practicum, one credit hour equals 30 laboratory hours and 45 practicum hours respectively.

TRANSFERABILITY OF CREDITS

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at California South Bay University (CSBU) is at the complete discretion of an institution to which you may seek to transfer. Acceptance of the degree you earn in the educational program is also at the complete discretion of the institution to which you may seek to transfer. If the degree that you earn at this institution is not accepted at the institution to which you seek to transfer, you may be required to repeat some or all of your coursework at that institution. For this reason you should make certain that your attendance at this institution will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending CSBU to determine if your degree will transfer.

EXPERIENTIAL CREDIT

CSBU does not recognize or award credit for prior experiential learning.

GRADING SYSTEM

The following grades are used:

Grade		Grade Point
A	Excellent/Distinction	4.00
A-	Intermediate grade	3.67
B+	Intermediate grade	3.33
B	Above Average	3.00
B-	Intermediate grade	2.67
C+	Intermediate grade	2.33
C	Average	2.00
C-	Intermediate grade	1.67
D+	Intermediate grade	1.33
D	Minimal Pass /Below Average	1.00
D-	Intermediate grade	0.67
F	Failure	0.00
WN	Withdrawal - No Attempt	
WA	Withdrawal - Attempted	
WP	Withdrawal - Passing	
WF	Withdrawal - Failing	
S	Satisfactory (pass-fail option)	
U	Unsatisfactory (pass-fall option)	
NCR	No Credit	
E	Deferred Grade	
R	Deferred Grade-Project/Thesis	
TR	Transfer credit	
CR	Credit by passing challenge examination (Grade must equal C or better)	
IP	In process	
AU	Audit	
I	Incomplete	

GPA calculation: All GPA's are calculated by the following formula: grade points times' course credit=course grade points; total course grade points for the term divided by total calculable units for the term=grade points average for the term. The term GPA is based on all courses with calculable grades in a term; the cumulative GPA is based on all courses with calculable grades. Students may retake any course at any grade level below an "A". All grades will be recorded, but only the first retake grade recorded will be computed on the final graduation record. Retakes are noted by "R".

A grade of at least C or P is required for master's degree courses. However, all registered credit hours are counted as attempted credit hours and all grades except I, P, NP, WA, WN, WP, WF, AUD and NR are used in computing the GPA. A graduate student must earn a cumulative 3.0 or above GPA to be eligible for the master's degree.

All courses require letter grades except those specifically designated. For deficiency courses, a letter grade shall be given although not counted in the student's overall GPA. A grade of C☐ or better constitutes a passing grade for a deficiency course. Deficiency courses may be completed at CSBU or any other accredited institutions.

If a student takes the failed course more than once, the higher grade will be used in calculating the cumulative GPA (CGPA). However, all credit hours, whether the subject is original or the repeated course, are included as units attempted on the transcripts.

POLICY FOR INCOMPLETE GRADE

In order to receive a grade of "I", the student must file a petition with the Registrar prior to the final examination week after obtaining written approval from the instructor of the course he/she wishes to receive a grade of "I" in. The grade "I" is used only for circumstances or situations beyond the student's control. Furthermore, CSBU's policy prohibits granting an "I" to a student who is failing the course at the time the request is made. An "I" that is not removed by the deadline (one academic semester) is converted to an "F".

EXAMINATION

Course Examination

All courses at CSBU have at least one examination a semester: Final Exam. This examination may consist of information found in the textbook, outside reading(s) and in the lectures. The structure of examination can be any combination of essay(s), multiple-choice answers, short answer, and quantitative calculations.

Examination for Challenging a Course

CSBU acknowledges that an exceptional graduate student, by reason of independent studies, overlapping course work or work experience, may have achieved the learning objectives of a course. At the discretion of the instructor and the Academic Committee, CSBU offers a Challenge Test Option for students to see if they have the proper background and prerequisites for the advanced courses. If a student fails this test, he/she cannot retake the test for this course again and must enroll and pass the corresponding course. The grade earned on the Challenge Test will be recorded on the transcript. In this case, the student can request to receive credit for the course by completing a "Challenge Examination." Students must earn a grade of C or better to successfully complete a "Challenge Examination".

ATTENDANCE POLICIES

Absence --- Absence will be considered excused under the following circumstances: illness, death, or birth in the immediate family, and other valid reasons substantiated in writing and granted at the discretion of the Dept. Head of the student's major program of studies. All other absences will be considered unexcused. Students who have three or more unexcused absences will be automatically dropped from the class and receive an "F" on their transcripts. Students are not allowed to miss more than 20% of the class hours under any circumstances and those failing to meet this requirement will be dropped from the course and an "F" will be recorded on their transcripts.

Tardiness --- Tardiness is a disruption of a good learning environment and is to be discouraged. Tardiness without legitimate reason on three occasions in one class will be considered as one unexcused absence.

Cutting Classes --- Cutting of classes (leaving early before the end of the class) will be considered as unexcused absences.

Make-Up Work --- Make-up work may be required for any absence. However, hours of make-up work cannot be accepted as hours of class attendance.

Leave of Absence --- Written requests for leaves of absence will be considered and such leaves may be granted to students at the discretion of the University. Students seeking a leave of absence must petition the Vice President of Academic Affairs in writing. The written request must be signed and dated and include an explanation of the extenuating circumstances that have necessitated the request and the student's plan to return to the normal studies. The request must also include any necessary and appropriate documentation to establish the necessity of the absence from regular studies. Acceptable reasons include medical/familial emergencies, military/governmental obligations or other circumstances beyond the student's control. Only one leave of absence shall be granted in one calendar year period unless extra-ordinary and well-documented reasons merit the approval of an

additional leave. Leaves of absence shall not exceed a cumulative total of 180 days in one calendar year period. Leaves of absence may not be granted to students on probation.

GRADUATION

As a student approaches the end of his/her studies, the student must initiate the review process at the Office of Registrar to verify his/her eligibility for graduation. To do this student needs to fill out the Application for Graduation and submit the requisite fee. Subsequently the Office of Registrar shall conduct a review and notify the student in writing as to his/her eligibility to graduate and the graduation date.

EDUCATION RECORDS

Education records are all files, records, or documents maintained by the school, which contain information directly related to the student's academic pursuits at the University. These include student education files, placement files, and financial aid files. It is the University's policy to monitor educational records to ensure that they do not contain information that is inaccurate, misleading or inappropriate. The student records must be kept for five years onsite. However, student transcripts are maintained permanently.

WITHDRAWAL

A student is considered "withdrawing" from CSBU when either of the following occurs:
- Student submits a "Request for withdrawal from CSBU"
- Student drops/withdraws from all courses enrolled when the student is required to remain enrolled to maintain academic status.
- Student is dismissed from the University due to disciplinary issue, unsatisfactory academic performance or violation of regulations.

CONTINUATION AND PROBATION RULES

Students are considered to be in good standing if they:
- Have achieved Full Status
- Are not on probation
- Are making satisfactory progress towards degree requirements, including a project or thesis if required.

ACADEMIC PROBATION

The following students are placed on academic probation:
- If after attempting at least 18 credit hours, the student's GPA is less than 2.0 or the student has earned less than 9 credit hours.
- If after attempting at least 27 credit hours, the student's GPA is less than 2.0 or the student has earned less than 18 credit hours.

Students on academic probation who change programs or seek additional degrees will remain on academic probation and their previous CSBU academic record will be used to determine the satisfactoriness of their academic progress.

DISMISSAL

Students who reestablish satisfactory progress will be removed from academic probation. Students who fail to clear their academic probation status within five academic trimesters will be dismissed.

To address special circumstances, students may appeal by filing petitions to the school's Academic Committee.

ACADEMIC INTEGRITY

CSBU is dedicated to teaching and researching, and is committed to truth and accuracy. Integrity and intellectual honesty in scholarship and scientific investigation is, therefore, of great importance to the University community. These standards require intellectual honesty in conducting research, writing of research results and relations with colleagues. Academic misconduct includes cheating, plagiarism, falsification of data, etc. The University reserves the right to take any appropriate disciplinary action at its discretion that may range from informal guidance and counseling to expulsion from the University depending upon the severity and circumstances of the offense.

UNIVERSITY REGULATIONS

ENCUMBRANCE OF REGISTRATION AND RECORDS

Students who fail to pay tuition or fees in full will not be permitted to register, will not be entitled to receive an official transcript of their units, will not be entitled to receive their diplomas, and will not be entitled to receive certification for practical training for foreign students until their indebtedness has been paid.

STUDENT RIGHTS

STUDENT GRIEVANCE PROCEDURES

Students are encouraged, at all times, to verbally communicate their concerns to members of the faculty and administration for amicable solutions. A written grievance, addressed to the Vice President must be received from the student within 48 hours after the incident occurs. The Vice President will verify that the students have made a verbal attempt to resolve the concern with instructor or other staff member. If the student has followed the above steps, the Vice President will call a grievance committee hearing within 24 hours of receipt of the report. If the decision is unacceptable to the student, the student must, within 24 hours of the hearing, send copies of all documents and a cover letter explaining why the decision is unacceptable to Vice President All complaints will be resolved within 30 days from the receipt of the incident report.

General student complaints should be addressed to the Chair of the Department at which the complaint is directed. For complaints regarding other students, see Student Code of Conduct in the Student Handbook. For complaints pertaining to discrimination and/or sexual harassment, see the grievance procedure outlined in the Student Handbook. Complaints regarding academic issues should first be addressed to the faculty teaching the particular course. The University strongly encourages the resolution of all academic issues mutually and informally between the faculty and the student. Academic problems remaining unresolved should then be addressed to the Chair of the Department.

CONFIDENTIALITY OF STUDENT RECORDS

CSBU complies fully with the Family Educational Rights and Privacy Act of 1974, and shall not release student records to any person unless permitted and/or required by law. CSBU will safely keep student records for five years on site. However, student transcripts are maintained permanently.

Certain records are excluded by law from inspection. Specifically, those created or maintained by a physician, psychologist or psychiatrist, in connection with the treatment or counseling of a student. Students may ask for a copy of their records at the Office of Admissions and Records. Students may direct complaints regarding their academic records to the Registrar.

NONDISCRIMINATION POLICY

The commitment of CSBU to the most fundamental principles of academic freedom, equality of opportunity, and human dignity requires that decisions involving students and employees be based on individual merit and be free from invidious discrimination in all its forms, whether or not specifically prohibited by law.

The policy of CSBU is to comply fully with applicable federal and state nondiscrimination and equal opportunity laws, orders and regulations. CSBU will not discriminate in programs and activities against any person because of race, color, religion, gender, national origin, ancestry, age, marital status, handicap, unfavorable discharge from the military, or status as disabled veteran or veteran of Vietnam era. This nondiscrimination policy applies to admission, employment, and access to and treatment in University programs and activities.

Complaints of invidious discrimination prohibited by University Non-Discrimination Policy shall be resolved exclusively within existing CSBU procedures.

SEXUAL HARASSMENT POLICY

California South Bay University is committed to creating and maintaining a community in which students, faculty and staff can work together in an atmosphere free of all forms of harassment, exploitation or intimidation. Sexual harassment is defined by federal and state laws and regulations, including but not limited to any unwanted sexual gesture, physical contact, or statement that is offensive, humiliating, or any interference with required tasks or career opportunities at CSBU.

Such actions violate the dignity of the individual and the integrity of the University as an institution of learning. CSBU will take whatever action is needed to prevent, stop, correct, or discipline behavior that violates this policy. Disciplinary action may include, but is not limited to, oral or written warnings, demotion, transfer, suspension, or dismissal for cause. It is the policy of CSBU that sexual harassment in any form will not be tolerated; management and supervisory personnel, at all levels, are responsible for taking reasonable and necessary action to prevent sexual harassment. All members of CSBU community are encouraged to report promptly any conduct that could be in violation of this policy.

CSBU does not tolerate sexual harassment of students or employees and will cooperate with governments, public services or agents, and law enforcement agencies to provide remedies when such harassment is discovered or reported.

DEGREE PROGRAMS & REQUIREMENTS

CSBU's graduate programs are designed to prepare students for the practice of computer science and business administration at a professional level. In addition to courses teaching the fundamentals of the subject matter, each degree curriculum is designed to incorporate Silicon Valley's major innovations in computer engineering, enterprise management, and global business development.

As Silicon Valley is a dynamic and fast changing high-technology hub where fierce competition among businesses is the norm, employers are more demanding on workers' qualifications. Job seekers in the Valley are required to be well prepared in their background training as well as continued education. CSBU's hands-on, interactive, learning model ensures that graduates have the requisite knowledge, practical experience, and professional competence to succeed in the Valley's job market.

CSBU's curriculum committees in various disciplines hold regular meetings to ensure that the curriculum design and facility support in hardware and software meets or exceeds the industry standards. Further, faculty members must have had previous or current industry experience and are equipped with up-to-date knowledge and skills in their teaching subjects.

Degree Titles and Specializations

1.) Master of Business Administration (MBA)
2.) Master of Science in Computer Science (MSCS)

CHANGES IN DEGREE REQUIREMENTS

CSBU policies and requirements are subject to change, and changes may not be immediately reflected on campus websites or publications. New degree requirements, however, will not be imposed retroactively on continuing students unless agreed upon by the students. If degree requirements are changed, students may complete their degree programs under the requirements in effect at the time of their initial enrollments (or readmission, if they have discontinued degree status). They have the option of electing to be governed by the new requirements, if they so desire and provided that all requirements of one catalog are met.

SCHOOL OF BUSINESS

CSBU School of Business offers Master's Degree program in Business Administration. This educational program gives the leaders of tomorrow a competitive advantage with leadership and management skills, technical understanding and global perspectives that are needed to succeed in today's global, diverse, and dynamic business environment.

The MBA program focuses on developing an individual's interdisciplinary problem solving skills, interpersonal and communication skills, ability to adapt to changing information technology and business environments, spirit of entrepreneurial innovation, as well as ethical and professional values. Successful completion requires not only an understanding of the important functional skills in accounting, financial management, marketing, business law, economics, and business and project management, but also an understanding of modern information systems, Internet technology pertinent to e-commerce and e-business applications. A distinctive feature of CSBU's MBA program is its incorporation of the principles of sustainability, environmental stewardship, and social responsibility in each and every course as appropriate.

FACULTY

CSBU's emphasis on a community of scholars and integrated education attracts faculty who are committed to their students' intellectual and skills development. While the minimum qualification for a CSBU faculty is a master's degree in the subject matter, more than fifty percent of our faculty members hold Doctoral Degrees. All of business faculty members also bring their extensive professional experience and enthusiasm to helping the students develop critical thinking skills and practical business problem solving approaches.

OBJECTIVES

Problem Solving: Each student will be able to systematically diagnose problems and/or opportunities, as it applies to dynamic business settings, and develop alternative courses of actions to resolve the problems.

Strategic Thinking: Each student will develop an understanding of strategic management and decision making. Students will be able to develop, implement, assess, and refine a strategic plan in a business setting.

Organizational Change: Each student will be able to systematically diagnose an organization's environment and operations to identify needed changes and to develop plans to successfully implement those changes in ways that achieve the organization's goal(s).

International/Global: Each student will have an understanding of global influences on business decisions/plans and/or develop plans for managing a business in a global environment.

Teamwork: Ability to collaboratively work in cross-functional teams is highly valued by today's global business operations. At CSBU students hone their collaborative skills by working on group projects in each of the program courses. Each student's leadership skills are developed. Students will thus be able to contribute to the success of his/her Team Project by occupying a leadership role and/or by contributing as a team member, as well as consensus development.

OBJECTIVES

The broad objective of the program is to provide students with the foundations in content and competencies that will support student's career development in the business field.

Specifically, CSBU MBA program is designed to provide students the opportunity:
(1) to understand the business as an integrated system by providing a knowledge base of both interdisciplinary business theories and application techniques;
(2) to be trained and to be developed practical management skills in a chosen area of concentration for career development;
(3) to develop problem solving skills including the ability to analyze complex situations, utilize facts and evidence in drawing conclusions, apply quantitative decision theories, and adapt innovative solutions   to the challenges of the diverse, multicultural, and global business community.

MBA BACKGROUND PREPARATION

Students admitted to the MBA degree program are required to have relevant business background preparation for taking the graduate level coursework. The student must clear all deficiencies before being allowed to take the degree required courses. A student with deficiency in any required background subject must clear it by either:

• taking courses for credits at CSBU and earning a grade of at least C- or higher or
• taking and passing the appropriate preparatory courses of study.

The following are the required background subjects (or their equivalents):

PBUS 01   Essentials of Management and Business Law
PBUS 02   Essentials of Economics and Marketing
PBUS 03   Essentials of Accounting and Finance
PBUS 04   Essentials of Quantitative Analysis and Information Technologies

MBA CURRICULUM

The MBA program requires a minimum of 36 semester units of graduate study. A maximum of four 400A level courses are allowed to count towards graduation units. Before the student takes any one of the courses below he/she must meet the prerequisite requirements.

1) Required Courses   (12.0 units)

The required courses provide a base for interdisciplinary business theories and techniques and decision-making methodology. A student must take the following courses to complete the mandatory graduate course requirement:

MGT511   Human Resources Management
BUS520   Quantitative Methods for Business
MGT516   Production and Operations Management
FIN520   Financial Management

2) Area of Concentration   (12.0 units)

Apart from required graduate courses in section 1, students must additionally select an area of concentration and complete at least 12 units (4 courses) in the chosen concentration area. This is to ensure the student is competent in the selected area. The courses taken to fulfill the concentration requirement must not overlap the courses taken for the above Foundation Courses requirement.

Area A. Project Management

Required courses:

MGT520	Project and Risk Management
MGT540	Managing for Quality Improvement
MGT552	Technology Product Management and Marketing
MGT554	Global Outsourcing Project Management

Area B. Global Business and Marketing

MKT460A	Marketing Management
MKT551	Strategic Marketing
MKT552	International Marketing
MKT555	International Trade & Operations

3) Electives   (12.0 Units)

Students may select graduate-level courses 400A or 500-level, and higher courses in any discipline as electives to meet the elective requirements. Prerequisite requirements must be met when taking any course.

GRADUATION REQUIREMENTS

A minimum of 36 units is required, 12 courses from each of the following categories:

1) Required Courses
2) Concentration Courses
3) Elective Courses

A grade of "B-" or better must be earned in all basic courses and area of concentration, and a grade of "C-" or better must be earned for all elective courses. GPA 3.0 or better is required, and students must be in good standing - clear financial, library and other school records - with the university. After fulfilling the requirements stated above, the student may file a petition for graduation and if approved, may graduate.

CONCENTRATION OF STUDY AND CAREER PLANNING

CSBU MBA program provides an opportunity for student to choose between two areas of concentration including:

a) Project Management
b) Global Business and Marketing

All graduate students are required to choose a concentration area of study to gain in-depth understanding of the chosen field and plan for their professional career track. Students in the MBA program at CSBU are advised to plan for their studies and choose a concentration area early. Before or upon completing 12 units in graduate course work, the student must choose a concentration area. Students are advised to discuss their study plans, business trends, and job market with the assigned Academic Counselor. The students are also encouraged to work with Student Services counselors to prepare their resumes and participate in job search activities when they are ready for such a pursuit.

Standard Occupational Code 2010 for Master of Business Administration

CSBU MBA program prepares students for the following job classifications using the United States Department of Labor's Standard Occupational Classification codes (2010).

Code Title
11-1011 Chief Executives
11-1021 General and Operations Managers
11-2011 Advertising and Promotions Managers
11-2021 Marketing Managers
11-2022 Sales Managers
11-2031 Public Relations and Fundraising Managers
11-3011 Administrative Services Managers
11-3021 Computer and Information Systems Managers
11-3031 Financial Managers

11-3051 Industrial Production Managers
11-3061 Purchasing Managers
11-3071 Transportation, Storage, and Distribution Managers
11-3111 Compensation and Benefits Managers
11-3121 Human Resources Managers
11-3131 Training and Development Managers
11-9021 Construction Managers
11-9051 Food Service Managers
11-9061 Funeral Service Managers
11-9071 Gaming Managers
11-9081 Lodging Managers
11-9131 Postmasters and Mail Superintendents
11-9141 Property, Real Estate, and Community Association Managers
11-9151 Social and Community Service Managers
11-9199 Managers, All Other
13-1011 Agents and Business Managers of Artists, Performers, and Athletes
13-1021 Buyers and Purchasing Agents, Farm Products
13-1022 Wholesale and Retail Buyers, Except Farm Products
13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products
13-1031 Claims Adjusters, Examiners, and Investigators
13-1051 Cost Estimators
13-1071 Human Resources Specialists
13-1075 Labor Relations Specialists
13-1081 Logisticians
13-1111 Management Analysts
13-1121 Meeting, Convention, and Event Planners
13-1131 Fundraisers
13-1141 Compensation, Benefits, and Job Analysis Specialists
13-1151 Training and Development Specialists
13-1161 Market Research Analysts and Marketing Specialists
13-1199 Business Operations Specialists, All Other
13-2011 Accountants and Auditors
13-2031 Budget Analysts
13-2041 Credit Analysts
13-2051 Financial Analysts
13-2052 Personal Financial Advisors
13-2053 Insurance Underwriters
13-2061 Financial Examiners
13-2071 Credit Counselors
13-2072 Loan Officers
13-2081 Tax Examiners and Collectors, and Revenue Agents
13-2082 Tax Preparers
13-2099 Financial Specialists, All Other
15-2031 Operations Research Analysts
19-3022 Survey Researchers
25-1191 Graduate Teaching Assistants
27-3031 Public Relations Specialists
41-1012 First-Line Supervisors of Non-Retail Sales Workers
41-3031 Securities, Commodities, and Financial Services Sales Agents
41-3099 Sales Representatives, Services, All Other
41-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
41-9099 Sales and Related Workers, All Other
43-1011 First-Line Supervisors of Office and Administrative Support Workers
25-1011 Business Teachers, Postsecondary
25-1063 Economics Teachers, Postsecondary
25-1199 Postsecondary Teachers, All Other

SCHOOL OF ENGINEERING

The master's degree programs in the School of Engineering are designed for students who intend to pursue careers in the high-tech and computer industry, as well as for those who desire a modern, general education based on the challenges and the promises of a technological society. The environment in which students are educated is as important in shaping their future as their classroom experiences. The School of Engineering offers a friendly atmosphere and a variety of academic programs that have made CSBU engineering graduates highly valued in high-tech firms and the Bay Area communities.

FACULTY

All CSBU engineering faculty members possess the following qualities: advanced degrees earned in engineering and scientific disciplines, high-tech work experiences, and enthusiasm in teaching and helping the students. Engineering is not a homogeneous discipline; it requires many special talents. Some faculty members in the School are goal-oriented designers, concerned with teaching students how to solve problems -- how to synthesize relevant information and ideas and apply them in a creative, feasible design. Other engineering faculty members function more typically as method-oriented scientists, using the techniques of their disciplines in their teaching and research to investigate various natural and artificial phenomena.

MASTER OF SCIENCE IN COMPUTER SCIENCE (MSCS)

The MSCS degree program is designed to provide advanced knowledge and hands-on experiences in computer science to students who are interested in gaining expertise in software engineering as well as modern Internet technologies and applications.

Through the learning process, the students not only acquire knowledge in modern computer technologies but also cultivate abilities in software design, development, deployment, and integration aspects of professional learning. They are encouraged to apply their knowledge and skills to course projects that match industry trends.

OBJECTIVES

To provide each student a goal-oriented education by tailoring each student's study plan based on the student's background and interests.

To provide in-depth professional training in a range of state-of-the-art specialty areas in computer systems engineering, and computer science, equipping the student with both a theoretical background and practical experience in these disciplines.

To provide relevant laboratory experience throughout each program as an integral part of the education, emphasizing extensive use of simulation and hands-on practice in the learning process.

To nurture a learning environment which leads to professional values recognizing high quality and integrity in future engineers.

To provide further advanced training and professional development for graduate students who wish to practice their profession with increased competence.

BACKGROUND PREPARATION

Students admitted in to the MSCS degree program are required to have the following background preparation. Students must clear all deficiencies before attempting to enroll in graduate level courses.

COMPUTER SCIENCE SUBJECTS:
- CS414   Program Design and Analysis in C
- CS460A   Data Structure
- CS 470A Object-Oriented Programming in C++

A student with deficiency in any required background subject must clear it by either:
1) taking courses for credits at CSBU and earning a grade of at least C or higher, or
2) taking and passing a proficiency test.

MSCS CURRICULUM

A minimum of 36 units of graduate study are required for the MSCS program. A maximum of four (4) 400A level courses (taken as elective courses) are allowed to count towards graduation units. The student must meet prerequisite requirements when taking any of the following courses.

1) Required Courses (12.0 Units)

The required courses emphasize understanding of (1) the principles and architecture of computer networks and (2) the design of modern operating systems. A student must take the following courses to complete the mandatory graduate course requirement. These two courses cannot be used to meet concentration area coursework requirements.

CS500   Network Engineering and Management
CS511   Computer Architecture
CS540   Java Programming & Internet Applications
CS546   Operating System Design

2) Core Courses (12.0 Units)

In addition to the required graduate courses, a student must complete 12 units four courses of core courses.

CS542   Software Engineering
CS543   Advanced Computer Networks
CS572   Advanced Java Programming
CS560   .NET Programming

3) Electives (12.0 Units)

Students may select graduate-level courses 400A or 500-level, and higher courses in any discipline as electives to meet the elective requirements. Prerequisite requirements must be met when taking any course.

GRADUATION REQUIREMENTS

A minimum of 36 units of graduate-level course work are required for all master's degree programs. Additional coursework may be required for a student whose undergraduate degree program was in a discipline other than that of the master's degree program.

In each master degree engineering program, there are three categories of course requirements:
1. Required Graduate Courses
2. Area of Concentration Courses
3. Advanced Electives

A graduate student entering with undergraduate deficiencies must clear the deficiencies in the first few terms after joining CSBU. The student may clear a subject by either taking the course and earning a passing grade or passing a proficiency exam on the subject.
- Earn a grade of "B-" or better in all required and concentration area courses.
- Earn a grade of "C-" or better in all elective courses.
- Maintain overall G.P.A of 3.0 or better
- Maintain good standing with the university
- The student is approved to graduate after filing a petition for graduation

CONCENTRATION OF STUDY AND CAREER PLANNING

All graduate students pursuing engineering degrees at CSBU are advised to plan for their studies and choose a concentration area early. Upon completing 12 units in graduate course work, the student must choose a concentration area. Academic counselors are on-hand to assist the students to make their study plans and assess the technology trends and job market. The students are encouraged to utilize the online e-Career Center and work when they are ready for such a pursuit.

Standard Occupational Code 2010 for Master of Science in Computer Science

CSBU MSCS program prepares students for the following job classifications using the United States Department of Labor's Standard Occupational Classification codes (2010).

Code Title
15-1111 Computer and Information Research Scientists
11-3021 Computer and Information Systems Managers
15-1143 Computer Network Architects
15-1199 Computer Occupations, All Other
15-1131 Computer Programmers
25-1021 Computer Science Teachers, Postsecondary
15-1121 Computer Systems Analysts
15-1141 Database Administrators
17-2199 Engineers, All Other
15-1122 Information Security Analysts
15-1142 Network and Computer Systems Administrators
41-9031 Sales Engineers

15-1132 Software Developers, Applications
15-1133 Software Developers, Systems Software
27-3042 Technical Writers
15-1134 Web Developers

MASTER'S PROJECT / THESIS

Master's degree students interested in research and development work may choose to take a 3-unit master's project or a 3-unit master's thesis to fulfill the electives course for graduation requirement. Academic officers are available to answer questions regarding the information concerning the project/thesis requirements.

ADVISORS

A faculty member serves as the project/thesis advisor to offer guidance to the student. The master's thesis course may be registered as a two-part course, taking a total of two terms to complete. A student unable to complete the project/thesis in the term he/she is enrolled in the course is required to continue to enroll in the course the following semester until completion of the project or thesis. The student receives either an "S" or letter grade for satisfactory performance and earns the units or an "NP" grade for unsatisfactory performance without earning credit in each term the project is being conducted. Extra units earned for repeatedly taking the project/thesis course cannot substitute for other course requirements.

MSCS TOTAL REQUIREMENTS   (36 Units)

COURSE DESCRIPTION

Notes on course number:

Course No.	Description	Course No.	Description
100-199	Freshmen level courses	200-299	Sophomore level courses
300-399	Junior level courses	400-499	Senior level courses
400-499	Mezzanine courses for graduates	500-799	Graduate level courses

Instructor's consent/approval: prerequisite containing the phrase of "instructor's consent" or "instructor's approval" is an option for the student to request the instructor to assess the student's ability and background in the listed prerequisite subjects when the student has acquired the background through other means, such as work or other experience.

Graduate standing: Graduate students who have started to take graduate level courses.

Advanced graduate standing: Graduate students who have completed at least two semesters' graduate coursework

ACCOUNTING

ACC 320 Principles of Accounting   (3.0 Units)
This course teaches students the basic foundations for accounting principles. The 6 main topics are: an introduction to basic elements of financial accounting, setting up general ledger accounts and using a general journaling, how to record and analyze financial transactions, various types of accounts and how to use them, and accounting methods for different types of business. Students are provided an introduction to General Accepted Accounting Principles and principles of costing. SAP Business One concepts will be introduced. Students may also use certain kinds of accounting software.
Prerequisite: Instructor's Consent

ACC 321 Accounting Lab   (1.0 Unit)
This course is an introduction to Quickbooks. The main objective of this course is to introduce students to the basic features in QuickBooks and give students an opportunity for hands-on practice. Students will learn about the types of information needed to be tracked in business or on the job, and students will see how to enter that information and track it in QuickBooks.
Prerequisite: Instructor's Consent

ACC 460A Intermediate Accounting   (3.0 Units)
This course is only for students who are interested in becoming accounting professionals. This course builds on the knowledge obtained in ACC320, ACC321, and FIN410. Students are taught how to understand financial accounting and accounting standards, required disclosures, financial statement preparation, and an in depth study of current assets, how to calculate revenues and fixed assets. Students are exposed to advanced GAAP and FASB, as well as Sarbanes-Oxley reporting regulations. Students will be taught how to use popular accounting tools for both homework and exercises.
Prerequisite: ACC320 and FIN410 or instructor's consent

ACC 510 Introduction to Taxation   (3.0 Units)
This course covers taxation concepts applied to individual's income, deductions, units, property transactions, and tax accounting methods. An understanding of the concepts will enable students to prepare quality individual income tax returns as a professional. The course will also cover taxation rules governing financial planning.
Prerequisite: ACC320 or instructor's consent

BUSINESS

BUS 520 Quantitative Methods for Business   (3.0 Units)
The focus of the course will be dedicated to quantitative methods of management science and operations research, using quantitative analysis software for management problems. The instructor will introduce the modern business decision-making methodologies and develop students' ability to analyze complex systems. Students are exposed to problem solving using descriptive statistics and reporting. The students learn how to format models from real-world problems so they can be solved using computer techniques, how to check for errors in problem formulation and data input to minimize erroneous solutions, and how to apply the techniques to real-world problems
Prerequisites: Graduate standing or instructor's consent

BUS 600 Special Topics   (3.0 Units)
Special topics courses are offered to students in business administration programs by current faculty members or invited guest speakers. The aim is to expose the students to special topics related to their studies. These courses are conducted the same way as regular courses.
Prerequisites: BUS520 or instructor's consent

COMPUTER SCIENCE

CS 360 Computer Fundamentals   (3.0 Units)
This is an introductory computer literacy course introducing the students to the basics of computer hardware structure, the World Wide Web, and MS Windows software tools. Topics include introduction to computer components, input/output, data storage, the Internet and the WWW, operating systems, data management and databases, software program development and programming languages, and ethics for technical professionals. Students also learn to use the latest Microsoft Office tools Word, Excel, Access, PowerPoint, MS Visual Basic, and the use of the Internet and browsers. Hands-on exercises are required.
Prerequisite: instructor's consent

CS 370 Computer Organization   (3.0 Units)
This course is designed to provide a fundamental understanding of the issues and challenges involved in designing and implementing modern computer systems. The primary goal is to help students become more skilled in their   understanding of computer systems, including how the hardware and software interact with each other. This course provides an understanding of where computers came from and where they are going, as well as understanding their strengths and weaknesses, such as why compiled code will always execute faster than JAVA code. Subjects include: RISC vs. CISC CPU design approach, instruction sets, pipelining, instruction scheduling (branch prediction, speculative and out-of-order execution, etc), cache and storage hierarchy design. Additional topics include modern I/O architectures such as PCI, PCI-X, SATA, SCSI, USB, etc., and their importance on performance and compatibility.
Prerequisite: instructor's consent

CS 414 Program Design and Analysis in C   (4.0 Units)
This course is designed to teach C language syntax rules and the analysis of a structured programming language, with emphasis on practical applications in engineering and business. Methods of testing and debugging well-structured programs in C are also covered. Topics include problem specification and analysis, writing-editing-compiling-linking a C program, data types, operators and expressions, selection and repetition, arrays, pointers, functions, text files, dynamic memory allocation, strings, structures and unions, binary files, and bitwise manipulation and preprocessor directives. Hands-on exercises are required and the weekly lab session is an integral part of this course.
Prerequisite: CS360

CS 440 Introduction to Unix/Linux   (3.0 Units)
This course is designed to familiarize the students with the UNIX/Linux environment. Topics include concepts of the UNIX/Linux operating systems, Shell commands, Visual editor, file manipulation and securities, UNIX utility commands, Shell features and environment, online manual, controlling user processes and managing jobs, introduction of Regular Expression and its usage with grep, sed, and awk UNIX power utilities, basic Shell programming techniques, large file management, and the user programming environment customization. Hands-on exercises are required.
Prerequisite: CS360 or instructor's consent

CS 460A Data Structure (3.0 Units)
This course is designed to teach efficient use of data structures and algorithms to solve problems. The topics in this course includes introduction to algorithms and data organization, arrays, stacks, queues, single and double linked lists, trees, graphs, internal sorting, hashing, and heap structures. Students study the logical relationship between data structures associated with a problem and the physical representation. Hands-on exercises are required.
Prerequisite: CS414 or instructor's consent

CS 470A Object-Oriented Programming in C++   (3.0Units)
This course is designed to develop students' abilities to design, code, and document application programs using object-oriented design and analysis concepts and methodology. Emphasis is on establishment of design objectives, criteria and specifications, processes of synthesis, analysis, construction, testing, and evaluation of open-ended problems. Topics include an introduction to general object-oriented programming as implemented in C++, data types, expressions, statements, functions, program scope, run-time memory allocation, function overloading, template functions, class mechanism, derivation, inheritance, and migration from C to C++. Hands-on exercises are required.
Prerequisite: CS460A or instructor's consent

CS 490A Introduction to Operating Systems   (3.0 Units)
This course is designed to introduce students to basic concepts of modern operating systems; topics include processes, threads, microkernel, concurrency, memory management, file system. Hands on exercises are required.
Prerequisite: CS360 & CS460A or EE206 or instructor's consent

CS 500 Network Engineering and Management   (3.0 Units)
This course is designed to prepare students to meet the current industry demands for network designs and the development of new network applications and services for business enterprises and the network providers that serve them. It offers theoretical and applied study of the design, configuration, and management of converged communication networks. Course will also provide students with thorough understanding of the technical and operational aspects of networks communication and network management.
Prerequisite: CS414 or instructor's consent

CS 511 Computer Architecture   (3.0 Units)
This course focuses on the techniques of quantitative analysis and evaluation of modern computing systems, such as the selection of appropriate benchmarks to reveal and compare the performance of alternative design choices in system design. The emphasis is on the major component subsystems of high performance computers: Pipelining, instruction level parallelism, memory hierarchies, input/output, and network-oriented interconnections. Students are required to undertake a major computing system analysis and design project of their own choosing.
Prerequisite: Instructor's consent

CS 527 Database Design   (3.0 Units)
This is the first of a series designed to teach relational database concepts, design, and applications. Topics include database architecture, relational model, structured query language (SQL), data manipulation language (DML), data definition language (DDL), database design, ER modeling, database normalization, denormalization, and physical database design. Popular database systems,

such as Oracle, Microsoft SQL server, and Postgres SQL Server are used for hands-on exercises and projects.
Prerequisite: CS414 or instructor's consent

CS 530 Computer Networks   (3.0 Units)
This course is designed to give students a global picture of computer networks. Topics include network layered models (OSI, TCP/IP), data communication basics, circuit switching, packet switching, routing and internetworking. Hands-on exercises are required.
Prerequisite: CS490A or instructor's consent

CS 540 Java Programming and Internet Applications   (3.0 Units)
This course introduces students to the Java language, programming with object-oriented construct, GUI design and graphics programming and core Java libraries. Students learn Java language basics such as syntax and classes, inheritance, interfaces, reflection, graphics programming, event handling, user-interface components with Swing, Java applets, exception handling, stream, and files. Hands-on exercises are required.
Prerequisite: CS470A or instructor's consent

CS 542 Software Engineering   (3.0 Units)
This course is designed to demonstrate the engineering approach to the development of large, high-quality software projects. Topics include software life cycle, development process, requirement specifications, design and testing techniques, verification and validation, and software management. Students learn to use project management tools, principles, and environment to facilitate development of software programs/systems. Hands-on exercises and projects are required.
Prerequisite: CS470A or instructor's consent

CS 543 Advanced Computer Networks   (3.0 Units)
This is the sequel to CS530 (Computer Networks), and is designed for an in-depth study of computer networks. Emphasis is on modern Internet technologies and implementations. Topics include a review of computer networks, OSI reference model, a study of emerging Ethernet technologies (Fast, Gigabit, IPv6), client and server implementation with socket programming, local and wide area networks, TCP/IP, routing, network protocol and architecture, Internet protocol, and IP addressing. Projects are required.
Prerequisite: CS530 or instructor's consent

CS 546 Operating System Design   (3.0 Units)
This course offers graduate students an in-depth understanding and hands-on experience in modern operating system design and implementation. Topics include process, memory, file system, I/O, deadlocks, case studies of operating system implementations, modern distributed and network system architectures, communication and synchronization in distributed systems, threads and processor allocation, scheduling in distributed operating systems, distributed file systems, and case studies of modern distributed operating system design. Projects are required
Prerequisite: CS490A or instructor's consent

CS 550 Unix/Linux System Programming   (3.0 Units)
This course is designed for students to gain fundamental knowledge of and hands on experience with programming in Unix/Linux environment. Students will learn to program in C with Unix/Linux system calls and other advanced topics such as Unix file system, process control, signals and inter process communications. Upon completion of this course, students would be able to develop real world Unix/Linux applications.
Prerequisite: CS440 or instructor's consent

CS 555 Unix/Linux Network Programming   (3.0 Units)
This course is designed for graduate students to gain hands on experience in Unix/Linux network programming. The students will learn to develop Unix/Linux network applications using multiple

Unix/Linux network programming interface techniques. Topics include: an overview of transport layer, TCP sockets, UDP sockets, Raw Sockets, and threads.
Prerequisite: CS440 or instructor's consent

CS 560 .Net Web Programming   (3.0 Units)
This course provides students with the knowledge and skills needed to develop dynamic web-based applications using ASP.NET and gain an understanding of the new architecture behind ASP.NET. Topics include creating ASP.NET pages, creating Web custom controls and Web user controls, using validation controls and composite controls, using ADO.NET to access data from various data sources, configuring and securing a Web application, state management, error handling and debugging, and migrating existing web applications to ASP.NET.
Prerequisite: CS470A or instructor's consent

CS 567 .Net Windows Programming   (3.0 Units)
The goal of this course is to provide students with the knowledge and skills they need to develop C# applications and components for the Microsoft .NET Platform, including Visual C#.NET Windows application development with Windows Forms and controls; user interfaces and navigation; error handling and debugging; data binding; consuming and manipulating data; components and .NET assemblies; Windows services; Remote; testing and debugging; application deployment and configuration. Hands-on practice is required.
Prerequisite: CS470A or instructor's consent

CS 570 Algorithms   (3.0 Units)
This course provides an in-depth analysis and efficient use of algorithms to solve problems. Well-structured programs are studied; modular, top-down design is emphasized. Topics include the use of data structures techniques to design efficient algorithms and analyze their complexity, efficient implementation of combinatorial algorithms, sorting, searching, and geometric problems, and branch and bound algorithms.
Prerequisite: CS360 or instructor's consent

CS 572 Advanced Java Programming   (3.0 Units)
This course is designed to give the students an in-depth understanding of Java programming techniques. The course focuses on advanced Java language features and packages which are essential for building a variety of application architectures. Topics include Java techniques of WAP, XML, JNI, thread, network programming, Servlet, JSP, JDBC, and internalization. Upon completion of this course, the students should be well prepared to create enterprise-wide, Java-centric solutions to client/server problems involving Java and networks. Each technology topic will cover its uses, implementation, and language issues. Students are required to implement a project for each Java technique.
Prerequisite: CS540 or instructor's consent

CS 580 Oracle Database Administration   (3.0 Units)
This course provides an in-depth understanding of the Oracle Database Management System. Emphasis is on the latest Oracle database architecture, database configuration and administration. Topics include logical/physical database layout, database server processes, database creation, various database physical objects; client/server configuration, multi-threaded server configuration, database storage management, database security, database utilities, database monitoring, partitions, and database backup/recovery methods. Hands-on exercises are required.
Prerequisite: CS527 or instructor's consent

CS 587 Advanced Database Design and Development   (3.0 Units)
This course is intended for graduate students to further explore database server development and database tuning. The course specifically details procedural extensions to SQL to develop stored procedures, functions, packages and database triggers. In addition, it covers database performance tuning from application development point of view by exploring query optimizer, database hints, and various database access methods. Hands-on exercises are required.

Prerequisite: CS527 or instructor's consent

CS 588 Database and Internet Server Programming   (3.0 Units)
This course introduces current client/server data access concepts on the Internet. It covers the fundamental concepts of the 3-tier model, Internet database access, and major tools and techniques utilized in application development. Topics include N-tier model, JDBC with database applications, XML, Java Servlet and JSP, data persistence with Hibernate. Hands-on exercises are an integral part of the course.
Prerequisite: CS527 or instructor's consent

CS 589 Mobile Computing for Android Mobile Devices (3.0 Units)
Google's Android mobile phone software platform, recognized as the next major opportunity for application software developers, has the potential for removing the barriers to successful development and sales of a new generation of mobile phone applications This course focuses on developing applications for Android, including map-based applications, camera-based applications, SMS, etc. Advanced development topics are also covered, including security, IPC, and certain advanced graphics and user interface techniques.
Prerequisite: CS543 or instructor's consent

CS 590 Developing Applications for Windows Mobile Environment   (3.0 Units)
This course focuses on the unique challenges, methods, tools, and technologies for using Windows Mobile to develop software applications for wireless and mobile devices, such as personal digital assistants (PDA) and smart mobile phones. Topics include user interface design for small- screen, multi-channel devices, programming techniques and memory management for devices with limited memory and processing power, data synchronization for mobile databases, and wireless network programming.
Prerequisite: CS543 or instructor's consent

CS 607 Master's Thesis-I   (3.0 Units)
The course is designed to develop the creativity of graduate students in Computer Science through the exercise of the design effort on a self-selected project. The design project must be open-ended, whereas the design approach must employ the modern design techniques and methodologies in the related fields. Completion of the design project entails 1) Formulation of a design problem statement including realistic constraints such as economic factors, safety, and reliability issues, 2) Design specifications, 3) Consideration of alternate solutions, 4) Manufacturing procedures and 5) Operation instructions. The research topic and proposal must be approved by the project advisor. The report format must be in accordance with CSBU's Project Style Guide and be approved by the advisor and tech editor. Upon completion of the project, the student is required to conduct an open-forum presentation of the project.
Prerequisite: Instructor's consent

CS 609B Master's Thesis-II   (3.0 Units)
This is a continuation of the first part of the master's thesis course CS607. At the beginning of the semester, the student should draw a conclusion on the research and development work for the project and begin to write a thesis report following the required format. The student should perform an analysis of the project work and results. Through this process, the student will gain in-depth knowledge of the selected subject and develop independent thinking and research capabilities, the report must be approved by the advisor and the tech editor. Upon completion of the project, the student is required to conduct an open-forum presentation of the project.
Prerequisite: Instructor's consent

FIN 410   Fundamentals of Finance   (3.0 Units)
Students taking this course are introduced to the world of finance. Financial management is a technique used by corporate managers to raise and allocate capital in a manner that will maximize revenue, profits, and stabilize the firm's future cash flows. This course examines the concepts and techniques available to financial managers as they address various aspects of financing and investments. Topics include financial background, financial statements, review of accounting, and taxes; cash flows and financial analyses, time value of money, financial system, interest and interest rates, characteristics of bonds, valuation and characteristics of stocks, capital budgeting, risk and return, and international finance. A case study is required. SAP Business One and/or its open source equivalent may be introduced.
Prerequisite: Instructor's consent

FIN 520   Financial Management   (3.0 Units)
This class teaches students to apply the essentials of financial accounting to the practice of management. Topics include the definition, behavior, concepts, and estimation of cost, and application of cost accounting processes in manufacturing and service organizations. the principles of planning and control for cost-related management, cash flow statements, capital budgeting, and how to analyze financial statements.
Prerequisite: FIN410 or Instructor's consent

FIN 530   Investments   (3.0 Units)
This course will cover the basis of investment and how to manage it. Students will be taught about theory and empirical evidence, related to market efficiency, portfolio theory, assess pricing models, factor models, and option pricing theory. Students are taught to combine market research results and electronic information sources to create investment strategies.
Prerequisite: FIN 520

LAW

LAW 420   Introduction to Business Law   (3.0 Units)
This course introduces a general system of the U.S. business law. The course will address various potential legal issues during the operation of businesses. The course explains when and how to consult an attorney before taking legal action. The course provides an overview of the U.S. legal system, its fundamental structures, regulation and processes. We will focus on the performance of agencies, and will give a general introduction   to contract law..
Prerequisite: Instructor's Consent

LAW 510   Introduction to Intellectual Property Law   (3.0 Units)
This survey course covers the basic statutes and doctrines undergirding the three major federal forms of intellectual property law: trademarks, copyrights, and patents. It also touches upon state law doctrines such as right of publicity, trade secrets, state trademark law, and misappropriation and other forms of unfair competition. Relying on a combination of cases and problems, students will develop familiarity with the foundational principles of intellectual property law and practice.
Prerequisite: Instructor's Consent

LAW 571   Modern Law of Corporation   (3.0 Units)
Legal issues in promoting, formation, operation, and dissolution of corporations, partnerships, and sole proprietorships will be illustrated in this course.
Prerequisite: Instructor's Consent

MATH 210 Calculus-I   (3.0 Units)
This course is the first of a series in calculus designed for students to build up the fundamental background of calculus and to learn its applications to very basic problems. Topics include functions, limits, continuous functions, derivatives and applications, antiderivatives, composite functions and chain rule, graphing techniques using derivatives, implicit differentiation, finite integrals, and fundamental theorems of calculus.
Prerequisite: Instructor's consent

MATH 220 Calculus-II   (3.0 Units)
This course is the second of the calculus series designed for students to understand integration techniques and extend the differentiation notion and methods to functions of multiple variables. Topics include logarithmic and exponential functions and their derivatives, inverse trigonometric functions and derivatives, L'Hopital's rule, integration techniques and their applications, sequence, series, partial derivatives, and improper integrals.
Prerequisite: Instructor's consent

MANAGEMENT

MGT 320   Principles of Management   (3.0 Units)
Students taking this course learn the foundations and basic skills of management. Specifically, students learn organizational structure and environment, and develop skills in setting objectives in planning, leading, organizing, decision-making, controlling and motivating, communication and negotiating, and managing information for decision making. SAP Business One may be introduced as demo software.
Prerequisite: instructor's Consent

MGT 461A   Organizational Behavior and Management   (3.0 Units)
Students taking this course explore the complex dimensions of organizational behavior including examination of experiential and conceptual approaches to communication, self-awareness, motivation, perception and problem solving. Students explore interpersonal and intrapersonal aspects to learn about the management of change, theories in leadership and organizational issues. Students are also required to participate in case study projects.
Prerequisite: MGT 320 or Instructor's Consent

MGT 491A   Entrepreneurship and Venture Business   (3.0 Units)
This course teaches students the full range of the entrepreneurial processes, including the evaluation, development, and creation of successful business strategies. It will help the potential entrepreneurs and professionals visualize and experience entrepreneurial approaches to business, product, and market share development. The course explores the entrepreneurial approach to resources such as the development of an organizational structure, financing entrepreneurial ventures, market analysis, and screening venture opportunities. Individuals will experiment and evaluate what it takes to be an entrepreneur including developing the plan for a new business.
Prerequisite: Senior standing and MGT 461A or Instructor's Consent

MGT 511   Human Resources Management   (3.0 Units)
This course provides students and practicing managers with a comprehensive overview of essential personnel management concepts and techniques. The focus is on essential topics such as job analysis, candidate screening, interviewing, testing, hiring, evaluating, training, motivating, promoting, compensating and the associated legal constraints. Additional topics covered include global HR, diversity awareness and training, and sexual harassment policy legal requirements. Practical applications such as how to appraise performance and benefits and handle grievances are explored. Additionally, developing independent work teams that foster creativity and innovation will be discussed
Prerequisite: MGT461A or Instructor's Consent

MGT 516   Production and Operations Management   (3.0 Units)
This course is designed to teach students basic theories about production and operations management. Emphases will be on planning, organizing, controlling, and balancing quantitative aspects and behavioral applications in production/operations management; operations strategy is used as a guide for topical integration. Students learn about basic management processes, resource conversions, and behavioral applications within production/operations. Specific topics include operations management, operations strategies for competitive advantage, forecasting in operations, facility and layout planning, product and process design choices, scheduling, inventory control and quality control. SAP Business One and/or its Open Source equivalent may be used for hands-on learning.
Prerequisite: Senior standing or Instructor's Consent

MGT 520   Project and Risk Management   (3.0 Units)
This course is designed for students who are interested in pursuing the project management area of study. Students are introduced to the principles of project and program management, followed by the roles of project management, matrix organization and project management techniques, leading students to the efficiently execute and complete projects. Students also learn how to identify and analyze project risks, and how to reduce or eliminate risk-related factors. Methods for ongoing risk assessment and project performance evaluation are included. SAP Business One may be utilized for hands-on experience.
Prerequisite: MGT 461A or Instructor's Consent

MGT 525   Supply Chain Management for E-Business   (3.0 Units)
Students taking this course learn to apply evolving methods in integrating the process of product distribution and supply chain management using electronic business skills. This course teaches students specific methods that will allow them to profitably and efficiently fulfill customer demands through the Internet.
Prerequisite: MGT516

MGT 540   Managing for Quality Improvement   (3.0 Units)
This course introduces the principles of quality management to students in the context of organizational and cultural change dedicated to the continuous improvement of products and services. The course will focus on quality control and quality assurance in project execution and ongoing operations environment. Students learn about quality planning and quality management through hands on practice, including quality plan development and execution, quality management processes and implementation. Many quality management techniques and methodologies are introduced during the course such as statistical quality control, six sigma, and ISO 9000 and other quality standards.
Prerequisite: MGT461A or Instructor's Consent

MGT 550   International Business Management   (3.0 Units)
This class teaches students to review the classic five functions of management: planning, organizing, staffing, leading, and controlling. Students compare managerial practices of many countries. The class also covers the importance of quality and continuous improvement for gaining a competitive edge. Students learn practical aspects of management from case studies, the strategic considerations for management in the international environment, and the roles of the latest information technologies, including computer networks, decision support systems, telecommuting, and CAD, CAM, CAE.
Prerequisite: Advanced graduate standing or Instructor's Consent

MGT 552   Technology Product Management and Marketing   (3.0 Units)
This course is designed to give students practical experience in product development, and focuses on the management of engineering and technology activities. Topics include technology product design, planning, production, marketing, sales, and maintenance; technological product life cycle from research and development through new product introduction, marketing requirement documentation (MRD), product positioning, channel inventory management, outbound communications, and the organizational role of the product marketing manager. Case study and project presentations are required. Prerequisite: Advanced graduate standing or instructor's consent.

MGT 554   Global Outsourcing Project Management   (3.0 Units)
Global outsourcing management is becoming one of the most important new management fields in the highly competitive global economy. In this course the students learn the important issues related to global outsourcing management as well as the actual implementation mechanism for a successful global outsourcing management business. Throughout the course, cross-cultural and cross-border considerations and diversity management skills are heavily emphasized. Case studies will be conducted on successful and failed global outsourcing projects or businesses.
Prerequisite: Advanced graduate standing or instructor's consent.

MARKETING

MKT 320   Principles of Marketing   (3.0 Units)
This course introduces the major principles of marketing, marketing's role within the company and in the global economy. Studies focus on the marketing principles of market segmentation, targeting, product mix, pricing strategies, developing the distribution channels, and marketing communications. An important component to this course is how to make marketing decisions in highly competitive markets, as well as using the impact of social marketing media.   .

MKT 460A   Marketing Management (3.0 Units)
This course studies marketing management by analyzing real-world cases. Students learn to implement and execute the marketing process through situation assessment, strategy formulation, marketing planning, marketing implementation and evaluation. This course emphasizes the use of strategic decision making in marketing, as well as how to use marketing to drive the value of the corporation.
Prerequisite: MKT320 or instructor's approval

MKT 550   E-Commerce Marketing   (3.0 Units)
This course instructs students on how to facilitate a rewarding e-commerce solution and gives students an overview about the e-commerce market operation. The course requires student to adapt the principles and rules of marketing to an e-commerce market and learn how to consistently secure e-marketing objectives.
Prerequisite: MKT320 or instructor's approval

MKT 551   Strategies Marketing   (3.0 Units)
This course teaches students fundamental concepts and practices in marketing research and data analysis, and the use of data and financial analysis to set strategic positioning strategies. Students learn to use the primary source (such as surveys) as well as secondary sources (Internet, publications, etc.) in research techniques and engage to their own marketing research projects. Emphasis is on developing practical marketing research skills and basic analysis mechanisms leading to strategic marketing. Statistical and other quantitative analysis techniques are the main focus of this course. The course also supports an overview of quantitative and qualitative tools for strategic marketing, market segmentation process, strategic positioning, and channel marketing issues. Case studies and marketing requirements reports are required.
Prerequisite: MKT460A or instructor's approval

MKT 552   International Marketing   (3.0 Units)
This course considers how culture and environment of different countries affect marketing strategy, how to perform a comprehensive analysis of a country to support marketing plan formulation, the strategic implications of different market groups around the world, and special insights into international marketing from a study of special cases.
Prerequisite*:* MKT460A or instructor's consent.

MKT 555   International Trade and Operations   (3.0 Units)
The course is designed to develop the knowledge and understanding of the global marketing environment and of the concepts, tools, and theory that will prepare the students to take the responsibility for successful global market penetration for his/her business organization. The

perspective of the course is managerial, i.e., the ability to identify opportunities, resolve problems, and implement solutions and programs. The topics covered include foreign direct investment, import/export, foreign exchange, global sourcing, marketing and international economic concepts.
Prerequisite: Graduate standing or instructor's consent.

PREPARATORY BUSINESS COURSES *(NON-CREDIT)*

PBUS01 Essentials of Management and Business Law　　(*non-credit*, 3 units)
This course is designed as an introductory-level course in management and U.S. business law. Students learn about and apply the most important aspects of current management theories and techniques, together with relevant related business law. Human resources and operations management (including operational regulation and liabilities) are covered.
Prerequisite: Instructor's consent

PBUS02 Essentials of Economics and Marketing　　(*non-credit*, 3 units)
This course provides the student a good understanding of the economic terms and concepts used in the analysis of macro-economic and market conditions as used in a business and marketing plan, the marketing terms and concepts used to analyze consumer and market behavior for creating marketing strategies, the basic marketing strategies described in marketing plans, and a good starting point for creating and developing marketing strategy and business operation ideas.
Prerequisite: Instructor's consent

PBUS03 Essentials of Accounting and Finance　　(*non-credit*, 3 units)
The student is introduced to the world of finance and basic accounting principles in this course. Various topics will be covered such as the basic elements of financial accounting, recording and analyzing financial transactions, internal control and cash, accounting principles, the efforts of the corporation's managers to raise and allocate capital in a manner that will maximize and stabilize the firm's future cash flows. Prerequisite: Instructor's consent

PBUS04 Essentials of Quantitative Analysis and Information Technology　　(*non-credit*, 3 units)
This MBA preparatory course is designed to provide the student with fundamental knowledge and training in the following two areas: (1) concepts and basic principles of various information technologies for businesses, and (2) concepts and applications of probability and statistics in business. Topics of this course include, but are not limited to, a perspective view on information technology; an overview of computer systems, the internet and World Wide Web; a review of database technology and its application in the business world; some basic programming techniques; a review of networking systems; an introduction to business information systems and related IT issues in the information era; an overview of probability and statistics fundamentals such as random variables, distribution, means and variance, normal distribution, random sampling, and estimation in business usage.
Prerequisite: Instructor's consent

INSTRUCTIONAL FACILITIES

California South Bay University (CSBU) is located in Campbell, a city located in the world famous Silicon Valley area in California. The University is 40 minutes away from San Francisco Downtown, one of the top financial centers of the world, and it is 10 minutes away from San Jose, CA. The University conveniently accessible via public transportation with Light Rail station within 5-minute walking distance. CSBU is one mile away from downtown Campbell. Motorists can access us via highway 17 at the Lawrence Expressway exit. Headquarters of many fortune 500 companies, such as Google, Facebook, Intel, Apple and Cisco are located within less than 30 minutes' drive from CSBU.

The facility is equipped with multi-media teaching tools and equipment. It has classrooms, student meeting rooms, study rooms, administrative offices, libraries, student lounge, cafeterias, computer labs, break rooms. Free onsite parking is available for students use.

TEACHING AND RESEARCH

CSBU's teaching, research, and laboratory facilities are equipped with state-of-the-art hardware and software tools. In keeping pace with the advancement in information technology, CSBU's IT Department provides a modern digital campus environment to the faculty, students, and administrative staff.

Based on the hardware and software requirements for each course, the classroom is set up accordingly at the beginning of each semester. A number of classrooms are equipped with computer systems and Internet facility for the students to use. Modern design, simulation, and testing tools are installed based on class requirements as well.

UNIVERSITY LEARNING RESOURCES

There is a library consisting predominantly of books related to our educational programs. Students have the access to the library from 10:00am to 5:00pm Monday through Friday. Students also have access to e-library resources which are available everyday through ProQuest e-Library system. The digital library provides major subjects from CSBU graduate degree programs for graduate students, such as business, computer science, etc.

The subscription price for this resource is paid for through tuition charges and are not separately paid for by students. Students will have access to this Internet based resource through their own unique identifier associated with the university. This resource offers a wide range of texts, articles and other publications relating to each subject area instructed as well as many associated subject areas and disciplines.

In addition to the CSBU library, students will have easy access to public libraries in the immediate area of the school, such as Campbell Public Library. CSBU maintains an Online System to facilitate in-class teaching and learning. A web-based platform is designed to enhance student learning efficiency. Students can utilize this tool for acquiring more learning resources from professors and share ideas with faculty and peers.

COMPUTER LABORATORY

Computer facilities include Networking and Software Testing Lab with full wireless Internet connections. The labs are open from 10:00 AM to 6:00 PM Monday through Saturday.

Various Specific software programs are installed on computers that are running Windows 7 and Linux System in various classrooms and laboratories.

Designated learning laboratories for the students to conduct after-class hands-on practice are available to the students daily. Practices focus on the following:
- Software design
- Multimedia design
- Computer networking, systems administration, and network security
- Database administration and database design
- E-business implementation

ACCOUNTING AND AUDITING TOOLS

Many accounting software programs and auditing software programs are set up in a group of computers for the students to gain hands-on experience with these tools.

INTERNET NETWORKS

There are a variety of high-performance computers on campus to support teaching and learning, including high-capacity servers, advanced workstations, and modern PCs. Both Wi-Fi and wired high-speed Internet access is available to the students on campus.

STUDENT ACTIVITIES AND SERVICES

STUDENT ORIENTATION

All new students are required to attend the new student orientation workshop offered before the beginning of each semester. On the Orientation Day, orientation packages are distributed to the new students; all administrative staff members and representatives from the faculty and the student body welcome the new students; both presentations and hands-on workshops are conducted to inform and to connect. The new students are informed of the staff's duties in order to receive proper administrative services, the facility and learning resources information to prepare them for classes, and important policies to stay focused on their academic objectives. Hands-on workshops may also be conducted to show new students how to use the university computer networks system, how to properly set up their accounts for printing services, how to make online requests for services as well as how to access the university library online system to find library collection information. New students who have not registered in classes also receive academic advising.

All CSBU students are welcome to attend the orientation to welcome the new students and receive current university information.

ACADEMIC ADVISING

Each student is assigned an academic advisor, who will give academic advice regarding the student's progress on a regular basis.

TRAINING AND WORKSHOPS

Student Services of CSBU provides scheduled training activities and workshops to the students on job affairs, job placement, further education training, and seminars in different programs.

STUDENT HEALTH, SAFETY AND HOUSING

All full-time students are required to have their own medical insurance coverage. CSBU will assist them in contacting appropriate insurance companies.

CSBU does not maintain housing for students, nor does it make specific recommendations regarding housing. However, public housing accommodations are available in the community. CSBU campus is located in a very convenient location. There are plenty of apartments and residences that are close to campus. Most of the housing is located within 5 miles of the campus. Approximate range of housing cost would be $700/month-$1500/month depending on the type of housing.

CSBU has no responsibility to find or assist a student in finding housing.

STUDENT GOVERNANCE

The CSBU Student Association offers students the opportunity to participate in the governing of the institution. Elected officers interact regularly with assigned faculty advisors to coordinate student functions, organize extra-curricular activities, and offer student input concerning university policies.

STUDENT ORGANIZATIONS AND ALUMNI ASSOCIATION

Students at CSBU are free to organize and to join associations whose stated purpose is consistent with the University's mission. All student organizations seeking CSBU support must be registered. The CSBU Alumni Association is operated under the Student Service Office of the University, which keeps a current list of all alumni, and conducts alumni activities on a regular basis such as class reunions and career counseling.

ACADEMIC ACHIEVEMENT RECOGNITION

Faculty and student awards are given annually during commencement ceremonies to recognize the outstanding achievements of faculty, staff, and students.

TUTORING

Tutoring service provided by our faculty members and teaching assistants is available to assist students with academic courses.

CAREER PLACEMENT SERVICES

As a key component of Student Services, career placement services help the students in the following areas: (1) Prepare resumes and sharpen interview skills, (2) Conduct career seminars and job fairs, (3) Identify the students' strengths and interests and provide career advice, (4) Provide internship opportunities to the students (5) Provide library materials and an online tool (via the CSBU online Service Center) for the students to gain access to various sources of job information. The Career Center in the library provides the students with access to a collection of books, articles, magazines, brochures, and videotapes about employment opportunities. The students may also use the computer facility in the Career Center for job search. Employment information can be found on the online job posting board through the e-Career Center in the CSBU Online Service Center.

The service provides career planning and job search assistance prior to and after students' graduation.

All students are encouraged to begin working with a Student Services counselor on their resumes and career development plans in the early stages of their academic study.

FACULTY

Mr. Fang Bao
- MBA in Finance and Accounting, Washington University, WI
- Bachelor of Economics in International Business Management, University of International Business and Economics, Beijing, China

J.D. Mark Cazem
- J.D., University of California, Hastings College of the Law, San Francisco, CA
- MBA, San Francisco State University, San Francisco, CA

Dr. Yu-wen Chang
- Ph.D. in Electrical Engineering, University of Maryland, College Park, MD
- M.S. in Electrical Engineering, University of Maryland, College Park, MD
- B.S. in Electrical Engineering, National Taiwan University, Taipei, Taiwan

Ms. Zhaoyi Fan
- Master of Accounting, North Carolina State University, Raleigh, NC
- B.S in Accounting, University of North Carolina at Charlotte, Charlotte, NC

Dr. Yingmin Huang
- Ph.D. in Electrical Engineering, University of Maryland, College Park, MD
- M.S. in Electrical Engineering, Northwestern University, Evanston, IL
- B.S. in Engineering Science, National Cheng-Kung University, Tainan, Taiwan

Dr. Charles Lee
- Ph.D. in Systems Engineering, Oakland University, Rochester, MI
- M.S. in Computer Science, Central Michigan University, Mount Pleasant, MI

Mr. Jonathan Lee
- MBA in Accounting, University of Scranton, Scranton, PA
- Bachelor of International Business, Fu-Jen Catholic University, Taipei, Taiwan

Mr. Zhong Liu
- M.S. in Computer Science, University of Cincinnati, Cincinnati, OH
- B.S. in Computer Science, Peking University, Beijing, China

Dr. Yixin Shi
- Ph.D. in Computer Engineering, University of Illinois, Chicago, IL
- M.S. in Electronics Engineering, Shanghai Jiaotong University, Shanghai, China
- B.S. in Electronics Engineering, Shanghai Jiaotong University, Shanghai, China

Dr. Deepak Srivastava
- Ph.D. in Computational Physics, University of Florida, Gainesville, Florida
- B.S. in Physics, Math and Chemistry, Lucknow University, Lucknow, India

Mr. Wei Wang
- M.S. in Computer Science, Northwestern Polytechnic University, Fremont, CA
- B.S. in Computer Science, Peking University, Beijing, China
- B.S in Computer Science, University of Science and Technology of China, Anhui, China

Dr. Hiram I. Willis
- Ph.D. in Finance, Walden University, Minneapolis, MN
- Master of Business Administration, Claremont University, Claremont, CA
- Masters Certificate in Program and Science Management, Claremont University, Claremont, CA
- B.S in Electrical Engineering, University of Southern California, Los Angeles, CA

Dr. Min Zhou
- Ph.D. in Chemistry, University of Illinois, Chicago, IL
- M.S. in Computer Science, University of Illinois, Chicago, IL
- B.S. in Computer Science, University of Science and Technology of China, Anhui, China

ADVISORY BOARD

Eric Tao Ph.D.	Director, School of Computing and Design, California State University, Monterey Bay
Kevin Tu	Senior Vice President, MyCon Corporation
Jason Schrock	President, A3 Education
Taeho Park Ph.D.	Director & Professor, School of Global Innovation and Leadership, College of Business, San Jose State University
Ruhong Jiang Ph.D.	CEO, Applied StemCell, Inc
Zong Ling Ph.D.	IBM University Ambassador, Senior Software Engineer/Scientist
Tony Ye	Partner, Jean D. Chen Law Offices

DIRECTIONS TO CSBU

Coming from San Francisco (approximately 40 minutes):

By Car:
- Take US-101 South follow signs for San Jose
- Take exit 431 for I-280 S towards Daly City
- Stay on I-280 S for 48 miles, take exit 5B to merge onto CA-17 S toward Santa Cruz
- After 1.7 miles take Hamilton Avenue exit
- Use the second from right land to keep left at the fork
- Continue straight toward Salmar Avenue
- Visit us at 577 Salmar Avenue Campbell, CA on the right

By Public Transportation:
- Take Caltrain (direction: San Francisco to San Jose), get off at San Jose Diridon Station
- Walk for about 4 minutes, take Light rail 902 Winchester for 4 stops and get off at Hamilton
- Walk for about 4 minutes to 577 Salmar Avenue, Campbell, CA

Coming from DowntownSan Jose (approximately 10 minutes):

By Car:
- Get on I-280 N and drive for 3 miles
- Take exit 5B to merge onto CA-17 S toward Santa Cruz and stay on I-17 for 1.9 miles
- Take the Hamilton Ave exit
- Use the second from right land to keep left at the fork
- Continue straight toward Salmar Avenue
- Visit us at 577 Salmar Avenue Campbell, CA on the right

By Public Transportation:
- Take Light Rail 902 Winchester at downtown stations
- Get off at Hamilton
- Walk for about 4 minutes to 577 Salmar Avenue, Campbell, CA

Coming from Hayward (approximately 30 minutes):

By Car:
- Take I-880 S towards San Jose
- Stay on I-880 S for about 28 miles, take Hamilton Ave exit
- Use the second from right land to keep left at the fork
- Continue straight toward Salmar Avenue
- Visit us at 577 Salmar Avenue Campbell, CA on the right

By Public Transportation:
- Take Bart from Hayward station (direction: Warm Springs/South Fremont) and get off at Fremont station.

- Take Bus 181 Express for 5 stops and get off at 2nd & St John
- Walk for 1 minute to St James Station (South)
- Take Light Rail 902 Winchester for 9 stops and get off at Hamilton
- Walk for about 4 minutes to 577 Salmar Avenue, Campbell, CA
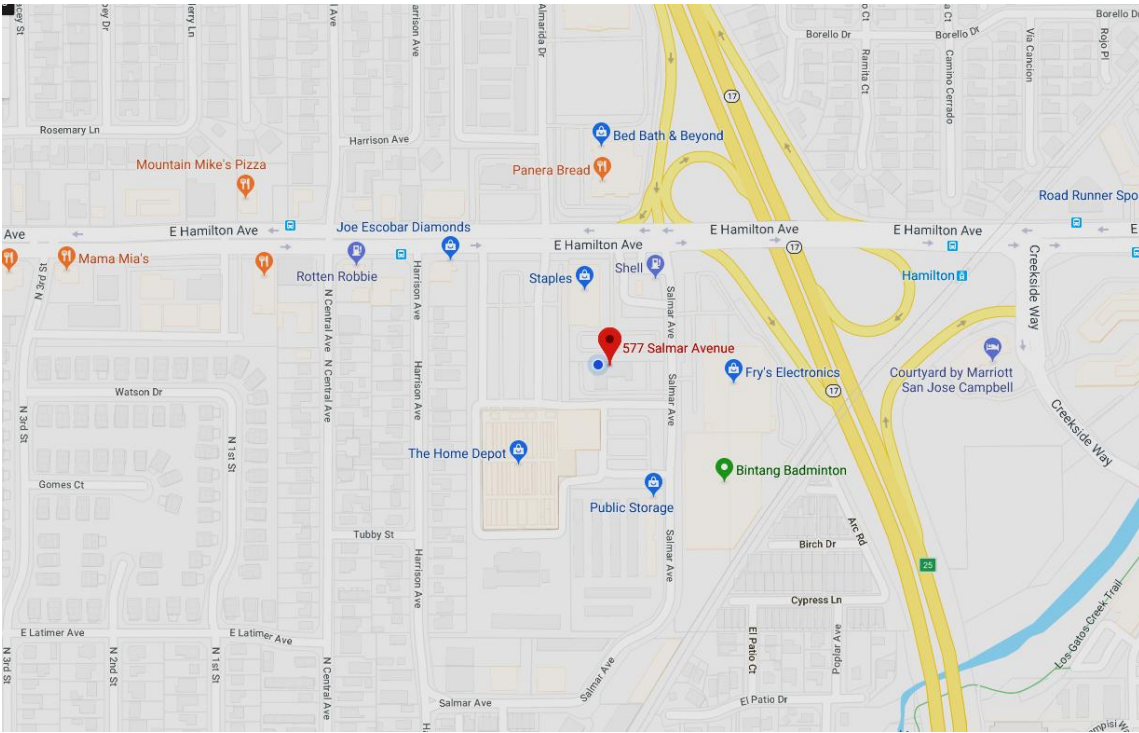
(Google Map)
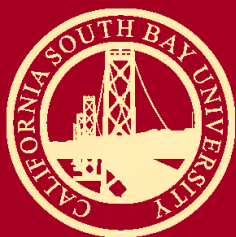
California South Bay University

Master of Business Administration

Master of Science in Computer Science