

A large graphic of a staircase in shades of yellow and white, viewed from a low angle looking up. The staircase is integrated into the letters of the word 'ELEVATE'.

ELEVATE

Explore

California State University
Northridge

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Explore

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SECTION I

Graduate Education and Applied Research at CSUN



— *A Resource for Regional Business and Industry*

FIELD: ACCOUNTING AND INFORMATION SYSTEMS



A Role for Tax Incentives in Addressing Childhood Obesity?

Three CSUN professors are exploring the effects of using tax incentives to encourage families in low-income areas to have their elementary school children participate in after-school programs that promote exercise and physical activity.

• Learn more about this innovative approach to reducing childhood obesity at www.csun.edu/elevate.

“As a regional university, California State University, Northridge is focused on serving the needs of the surrounding community. This mission extends to the innovative, applied research that is conducted by campus faculty, which helps to provide solutions to complex questions and the critical evidence and data needed for making good choices and decisions. Through its graduate programs, curriculum and faculty research, California State University, Northridge offers academic preparation and well-grounded applied research that benefits our partners, neighbors and the broader community.”

— *Dianne F. Harrison, Ph.D., president, California State University, Northridge*



California State University Northridge (CSUN) has been known for decades as a provider of exceptional education at the baccalaureate level. CSUN graduates hold leading roles in many professions and industries regionally, nationally and internationally. In addition, CSUN has long ranked near the top of peer institutions nationwide in sending students on to doctoral programs in the sciences and social sciences, while many CSUN business and engineering graduates have shaped the regional economy by leading innovation and taking employers into international markets.

While the depth and breadth of the excellence and distinction of CSUN may surprise some, what surprises many is that within recent decades CSUN has become a significant force in graduate education and applied research at the master's and, more recently, the doctoral levels.

“Research really matters when it changes lives. We study urchins to understand cancer, coral reefs to detect climate change, teaching to improve learning, eating habits to secure health, and ethnic studies to broaden community. To know how, we first must know what.”

– Harry Hellenbrand, provost, California State University, Northridge

FIELD: MEDIA MANAGEMENT



Event Crowd Management in the Personal Technology Age and its Effect on the “Oscars®”

This study in event security focuses on how a popular Hollywood ritual has become a gate-keeping success and a very private affair in the wake of 9/11 and the proliferation of hand-held communication devices.

🔗 Learn more about this significant study at www.csun.edu/elevate.

CSUN as a Resource for Applied Research that Drives the Economy

In the context of the contemporary regional and global economy, applied research is what drives innovation and change. Within just the past two years CSUN has conducted major applied research projects funded by more than \$50 million in grants and contracts.

CSUN focuses on the types of applied research that have direct and significant impact on innovation and refined practice in a wide range of key fields and industries. CSUN faculty members work directly with major regional corporations and funding agencies to define research challenges and conduct applied research that will have an impact.

CSUN's applied research in the areas of adaptive technologies, biology, the biomedical fields, chemistry, computer science, digital media, economics, engineering, environmental science, geology, the health sciences, marketing, physics, product development, renewable energy, water resources and more matches current demands for innovation and agility in today's economy. The sidebars of this publication feature a small sampling of recent and current CSUN applied research projects.

FIELD: SYSTEMS AND
OPERATION MANAGEMENT



Planning for Southern California's
Future Dedicated Freight Corridors

For the first time, high-quality transportation research is being performed not only by CSUN – one of the CSU system's non-polytechnic campuses – but also within a college of business rather than a college of engineering.

Learn more about this ground-breaking project at www.csun.edu/elevate.

“The partnerships between the Tseng College and the Mike Curb College of Arts, Media and Communication provide excellent opportunities for midcareer professionals to enhance and enrich both their intellectual capital and marketability. Studying with peers working in the profession provides students with meaningful opportunities to learn about the most recent developments in the rapidly changing arts community and contributes mightily to the student's career network.”

– Robert Buckner, dean, Mike Curb College of Arts, Media and Communication

“Graduates of CSUN’s College of Business and Economics master’s programs – our highly ranked MBA, our new M.S. in Accountancy, and our M.S. in Taxation – go on to become leaders in their fields and serve the region by advancing the visions of their organizations using the skills, competencies and networks they develop here.”

– William Jennings, dean, College of Business and Economics

The largest corporations typically arrive at viable commercial and industrial research applications by obtaining foundational knowledge from the nation’s research-focused universities as well as through their own investments in research and development. However, the majority of corporations have a more limited ability to support major applied research programs on their own. Instead, they turn to universities like CSUN to provide the level of sophisticated applied research and development they require in order to become more competitive or even industry leaders. Nationally, developing working relationships with universities to provide or to augment corporate R&D is a growing trend for businesses of all sizes. This approach increases agility and allows a business to tap a wide range of applied research expertise as needs change.

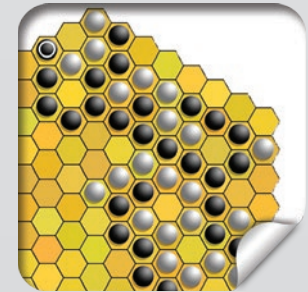
CSUN is prepared to work with regional, national and international organizations to explore options for contractual arrangements for applied research projects, the scope of which may range from limited to extensive. CSUN laboratories and specialized research spaces, unique computer and applications resources, as well as faculty expertise, can be engaged in these projects. To take on more extensive applied research, CSUN is prepared to engage faculty expertise from sister campuses as needed. Collaborations that blend the expertise of client organizations with that of CSUN faculty can also be explored.



In these tight financial times, CSUN is becoming the R&D resource of choice for a growing number of regional businesses.

To explore options for developing a research relationship with CSUN, please call Julia Potter, Education & Research Partnerships, at (818) 677–2965 or email elevate@csun.edu.

FIELD: COMPUTER SCIENCE



The Next “Big Thing” in Game Programming and Artificial Intelligence

CSUN’s international visibility in the fields of game programming and artificial intelligence applications is growing rapidly thanks to the award-winning research of a computer science professor.

• Learn more about this highly creative project at www.csun.edu/elevate.

Graduate Education: Advanced Professional Education at CSUN

In 2010-2011, more than 6,300 individuals were enrolled in CSUN graduate programs at the master's and doctoral levels, together with another 740 students enrolled in post-baccalaureate credential programs. The number of CSUN graduate programs has grown significantly in the past ten years and will continue to increase rapidly over the next five years.

While many of CSUN's 59 graduate-degree programs are traditionally focused in that they provide the strong theoretical and research backgrounds required for admission to doctoral programs at highly regarded universities in the U.S. and other nations, a growing number of CSUN's graduate-study offerings are focused on advanced professional education at the master's and doctoral levels.



For a complete list of CSUN graduate programs, see pages 17-22 or visit www.csun.edu/grip/graduatestudies/programs.html.

CSUN's robust and expanding work in applied research means that the graduate-program faculty is actively engaged not only in traditional scholarship and publication but also in applied research, which keeps members up-to-date on current professional practice and ensures a working understanding of the emerging issues in their fields from the viewpoints of leading firms and agencies.

Many of CSUN's professionally focused graduate-degree programs also feature scheduling that is convenient for working adults. For example, CSUN's College of Business and Economics offers a robust and highly regarded Master of Business Administration (MBA) program with a thoughtfully conceived range of areas of specialization. (Please visit www.csun.edu/mba/NewMBAMainPage.html for details.)

Similarly, CSUN's nationally recognized Michael D. Eisner College of Education offers programs at the credential, master's and doctoral levels that are scheduled to meet the needs of working teachers and school administrators. (Please visit www.csun.edu/education for details.) These professionally focused programs prepare graduates to assume senior roles in a wide range of fields that are in demand in today's economy.

FIELD: MECHANICAL
ENGINEERING



Creating a Brainwave-Controlled
Wheelchair

In collaboration with Olive View-UCLA Medical Center, a CSUN mechanical engineering professor and his student researchers have created a computer-assisted wheelchair that users can control with their brainwaves.

Learn more about this revolutionary "smart-wheelchair" project at www.csun.edu/elevate.

Though most midcareer and working adults recognize that ensuring their professional futures requires that they earn advanced degrees, many find it hard to study in more traditional educational formats.

To address this need, a number of private and for-profit institutions now offer advanced-degree programs in formats designed to serve the working adult. However, few of these institutions have academic reputations as well established as that of CSUN – one of the nation’s largest and most respected public universities – and the cost of most private and/or for-profit programs is often very high. Nevertheless, many working adults seem to think that such private and/or for-profit institutions are their only option for gaining access to master’s degree programs that they can complete while working and meeting their other personal obligations.

Perhaps surprisingly, CSUN has gone farther than the majority of these other institutions to respond to the new and changing educational needs of midcareer professionals by creating a special college –the Tseng College: Graduate, International and Midcareer Education – to work in partnership with all of its other academic colleges in order to provide forefront and affordable advanced professional education for midcareer professionals and working adults.

As a result, students in CSUN programs for midcareer professionals gain the advantage of CSUN’s exceptional graduate-degree programs with curricula that are carefully crafted to take full advantage of the strengths that midcareer professionals bring to the classroom together with the modes of instruction, delivery and support that have proved to be the most effective in elevating these students to the highest levels of reflective and effective professional practice.

 For a list of programs designed specifically for midcareer adults , see pages 17-22.

“With its strong collection of 1.4 million volumes, more than 50,000 electronic journals and more than 150 specialized digital databases, CSUN’s Oviatt Library supports both teaching and research at CSUN. Without access to these magnificent resources, both graduate education and applied research at CSUN would be greatly diminished.”

– Mark Stover, dean, Oviatt Library

FIELD: SPEECH-LANGUAGE PATHOLOGY



Student Volunteers Improve Stroke Survivors’ Speech

Through this collaborative speech-language pathology research project, CSUN is helping stroke survivors to regain their ability to communicate and providing graduate students with opportunities to work with clients and gain career-building supervisory experience.

 Learn more about this CSUN-University of Montana collaboration at www.csun.edu/elevate.

Why Choose CSUN Graduate Programs for Midcareer Professionals

CSUN programs for midcareer professionals and working adults offered through the university's Tseng College have features of high value for anyone seeking a graduate degree with both recognized academic quality and tight links to contemporary professional practice. Features of importance include the following:

CSUN Faculty and the Approach to Instruction

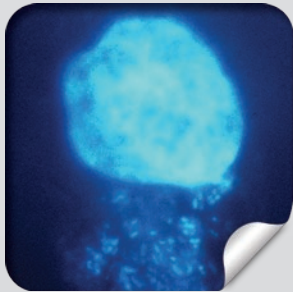
When it comes to graduate study, the quality of the faculty and its commitment to teaching midcareer professionals at the graduate level are first and foremost. CSUN is an institution where excellence in teaching counts. Exceptional scholars join the CSUN faculty because they value teaching. They are real faculty, at a real university, with a real (and rather beautiful) campus.

With many providers flooding the market today, it is hard to tell just how credible they – and the degrees they offer – are. With CSUN, one of the largest public universities in California, there is no question of its enduring excellence, distinction and solid – fully accredited – credibility.

The faculty's distinctive combination of traditional scholarship and applied research puts CSUN in a position to offer midcareer professionals the remarkable advantage of advanced education rooted in the realities of practice and the challenges facing professionals and organizations today.

Further, from the design of the curriculum forward, CSUN engages leading practitioners and employers, so that its programs for midcareer professionals offered through the university's Tseng College are a comprehensive and engaged learning experience. The programs build on the experience of midcareer professionals, link them to the conversations and research at the forefronts of their fields, and prepare them to take leadership roles after graduation.

FIELD: BIOLOGY



Altering Deadly Bacteria for
“Seek and Destroy” Cancer-
Fighting Missions

A CSUN biology professor and his student researchers are working on transforming selected pathogenic bacteria into killers of tumor cells for targeted use in the treatment of certain cancers.

• Learn more about this potentially “game-changing” project at www.csun.edu/elevate.

Curriculum Designed with Care and Foresight – A Substantial Educational Return for the Investment

When CSUN considers offering an existing degree program or developing a new one for delivery to mid-career professionals through the Tseng College, faculty and practitioners meet to consider how to structure the curriculum to give graduates the maximum advantage from a number of perspectives. These include new knowledge in the field, the cultivation of advanced conceptual skills (such as the ability to analyze information, define and solve problems, rethink standard practices, develop options and alternatives, lead organizations and introduce innovations), and the integration of experience with an advanced professional education that will prepare graduates not only for senior positions in their professions but also for roles as thought leaders in their fields.

With this aim in mind, nearly all CSUN programs for midcareer professionals offered through the Tseng College are taught in the cohort format. In this format, all students begin the program at the same time, progress through the courses together and graduate as a group. This format creates a strong learning community that not only helps participants to complete the program on time but also provides a comprehensive learning experience in which each successive course builds on those that preceded and lays the groundwork for those that follow. Another of the cohort format's most valued advantages is that it fosters the development of lasting professional networking relationships among students and between students and faculty.

“The College of Social and Behavioral Sciences has embraced an academic focus that maintains a special commitment to studying the problems of urban societies. We maintain a very active, dedicated group of faculty and students who engage in an applied curriculum that leads them into local, regional and national communities to address some of this nation’s most challenging problems.”

– Stella Theodoulou, dean, College of Social and Behavioral Sciences

FIELD: PHYSICAL THERAPY



A “Matter of Balance” – Helping Older Adults Remain Independent

Through this program, ambulatory senior citizens who are “known fallers” benefit from balance testing, fall-risk assessments, in-home fall-hazard evaluations and advice on fall-prevention modifications from CSUN faculty and physical therapy graduate students.

🔗 Learn more about this project – the only one of its kind in the San Fernando Valley – at www.csun.edu/elevate.

FIELD: MARINE BIOLOGY



Can Artificial Reefs Enhance Near-Shore Fish Populations?

Created to mitigate the San Onofre Nuclear Generating Station's effects on marine life, the Wheeler J. North Reef lies off Southern California's coast, where a CSUN professor and his research team are seeking data that will help to determine the reef's success.

Learn more about this important project at www.csun.edu/elevate.

CSUN's Distinctive "Stackable" Curricula Respond to Patterns of Change Over a Professional's Career Span

A growing number of CSUN graduate-degree programs for midcareer professionals are designed to have what CSUN calls a "stackable" curriculum. Developed through the Tseng College, stackable curricula feature not only core courses for each graduate-degree but also one or more integrated elective tracks. These tracks can be taken either as part of the degree program or to satisfy the requirements for a linked graduate-certificate, so that credits earned in the certificate program can be applied to the graduate degree's requirements should the certificate-holder decide to pursue the advanced degree at a later date.

The reason for CSUN's approach is that, in some fields, particular areas of specialization are so important that each needs its own curricula in order to give graduates solid backgrounds in their areas of specialization, together with the core concepts essential to professional practice in the larger field.

Further, CSUN has found that a growing number of midcareer professionals are returning for second or even third master's degrees as they find interesting new directions for their careers. Graduate-credit certificates linked with CSUN master's degrees for midcareer professionals allow those with master's degrees to add additional areas of specialization to their credentials over time.

This flexibility is increasingly valued in a global marketplace where distinctively prepared, highly talented professionals are in great demand. Those who graduate from CSUN graduate-degree programs with stackable curricula graduate with both the master's degree and the linked graduate-credit certificate on their permanent transcripts (and can list both on their resumes).



For a list of programs with "stackable" curricula , see pages 17-22.

CSUN's Degrees and Certificates for Midcareer Professionals Address the Cross-Disciplinary Realities of Professional Practice

CSUN recognizes that the demands of many professions today require advanced professional-preparation programs that draw on the expertise of faculty from more than a single field or discipline. In response, CSUN has developed the capacity to design programs that draw on faculty expertise in a number of disciplines to give graduates the strongest possible professional preparation. This capability also enables CSUN to develop innovative programs that both address changing needs in the economy and have strong credibility with employers.

For example, the new master's degree in Music Industry Administration was designed and will be taught by faculty from the Department of Music in CSUN's Mike Curb College of Arts, Media and Communication, in collaboration with faculty from CSUN's College of Business and Economics and leading practitioners in the contemporary music industry. This program, which is at the forefront of its field, is designed to prepare professionals for successful music industry careers in the digital age's global marketplace.

“Applied research is at the heart of our educational approach. For example, students in our Environmental and Occupational Health (EOH) program gain extensive experience performing research with faculty both in the laboratory and in the community on issues ranging from pollution to dealing with hazardous waste to industrial health and safety to making sure that food is safe for consumption. A recent gift from Lockheed-Martin to the department and the EOH Student Association is providing students with research experience in toxicological sciences and helping them make vital connections to the professional workplace.”

— Sylvia Alva, dean, College of Health and Human Development

FIELD: ARCHAEOLOGY

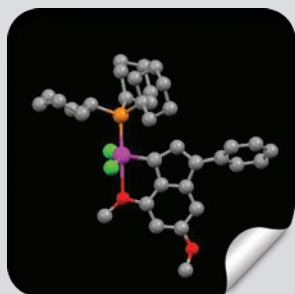


Sinop: 5,000+ Years of Colonization and Culture in a Black Sea “Hinterland”

Through field research on the south coast of the Black Sea, an international group of graduate students – led by an award-winning CSUN archaeologist and art historian – has established that the region has been inhabited far longer than originally thought.

Learn more about their fascinating discoveries at www.csun.edu/elevate.

FIELD: CHEMISTRY



New, Cost-Saving Olefin Metathesis Catalysts Discovered

Having discovered new, relatively easy-to-produce olefin metathesis catalysts, a CSUN chemistry professor and his student researchers await the results of a local firm's evaluation of the catalysts' potential for use in a wide range of processes.

Learn more about this impactful discovery at www.csun.edu/elevate.

A Commitment to Student Success: Starting is One Thing, Finishing is Another

Starting a graduate-degree program is a big step, but – for working adults – the real value is in completing the program. This is why CSUN focuses on providing the outstanding program design and student support services needed to keep its graduation rates so remarkably high.

All CSUN programs offered through the Tseng College are designed to ensure that participants meet their educational goals and succeed in graduating.

While on-time graduation rates of 75 percent or more are commonplace in CSUN programs for midcareer professionals, most graduate-degree programs offered through the Tseng College have been achieving on-time graduation rates of 70 to 90 percent, while some programs have achieved the occasional 100 percent. Few other universities serving working adults have achieved these levels of student success.

Further, graduates of CSUN advanced-degree programs in fields that require licensure exams for practitioners (e.g., graduates of the online master's program in Communications Disorders and Sciences) pass their exams on the first try at rates well above the national average.

Well-Planned Scheduling for Midcareer Professionals

All aspects of graduate programs offered through CSUN's Tseng College are crafted to meet the needs of midcareer professionals. Most scheduling (evenings, weekends and/or online) allows students to take one course at a time (typically, two courses per term in back-to-back, eight-week formats), so that students can focus on the demands of each course without distraction. Scheduling is year-round so that the typical master's degree can be completed in less than two years.

Fully Online Degree Programs and Hybrid/Blended Programs

A growing number of CSUN graduate programs for midcareer professionals are being offered fully online, providing maximum flexibility in terms of when and where to study. These programs bring together students from across the nation and, increasingly, from other countries. The online curriculum employs the cohort format to create a cohesive and supportive learning community for midcareer professionals.

CSUN's fully online graduate-degree programs offer participants a curriculum taught by the same faculty and practitioners who teach these programs on the CSUN campus. Online program accreditation and evaluation standards as well as on-time graduation rates and student-success rates on required licensing exams are as high as those achieved in their classroom-delivered counterparts.

The effectiveness of CSUN's online programs results from the collaboration of faculty with the instructional-design and educational-technology professionals in the Tseng College's distance learning unit. CSUN faculty and practitioners who teach in the university's online graduate programs receive individualized training and ongoing support to ensure instructional excellence and the smooth and effective use of online educational technology. The Tseng College's professional distance-learning staff also provides training and start-to-finish technical support to those who enroll in CSUN's online degree programs.

CSUN online programs have both a national and an increasingly international reach. As a result, midcareer professionals benefit from studying with counterparts in a variety of locations and working environments. This learning and networking experience is particularly rich for professionals who are moving into more senior levels of practice in their areas of expertise.

Also highly valuable – especially for midcareer professionals who work for organizations with employees at multiple locations – are “hybrid” graduate-degree programs in which online instruction is blended with face-to-face instruction that is delivered at off-campus locations. While online content predominates in CSUN's hybrid model, the face-to-face component benefits participants by enabling them to network with fellow professionals from different parts of their organization.



For a list of fully online  and hybrid  programs, see pages 17-22.

FIELD: GEOGRAPHY



Mapping Southern California's
Vital-but-Vanishing Wetlands

A CSUN geography professor and her students are using Geographic Information Systems (GIS) software to map wetlands from Point Conception to the Mexican border. The completed wetland maps will assist the State of California in future regional planning.

 Learn more about this regionally important project at www.csun.edu/elevate.

FIELD: HISTORY



Renewal through Retail in South Los Angeles?

A recent study by a CSUN history professor suggests that the free-market model of “retail renewal” represents an appealing and viable alternative to the public-sector interventions of past decades.

● Learn more about this alternative approach at www.csun.edu/elevate.

Exceptional Support Services – with a Personal Touch

Through the Tseng College, which is not state funded, CSUN is able to provide the kind of responsive student support services that one would expect to find only at high-priced private and/or for-profit universities. These services include both coordinators and academic leads, who are assigned to each program and cohort to ensure that all students have direct personal support for administrative and academic issues. Students in CSUN degree programs for midcareer professionals need only contact their assigned program coordinators to access the wider range of university services and navigate all aspects of their relationship with the university, from application through graduation, including financial aid.

The application process is online and designed to allow quick response and early communication. For online programs, technical support is just an e-mail – or a call – away.

In fact, the education-technology specialists assigned to each online program and cohort develop strong working relationships with those enrolled, so that the students soon discover that their support is coming from people on campus who are dedicated to helping them succeed – and not just a virtual “help desk” somewhere in the ether.

“CSUN graduate-degree programs offered through our college are recognized by employers for preparing professionals who can successfully navigate the fluid cultural environment that characterizes our region. This means that our graduates can critically engage multiple perspectives, are capable of understanding and analyzing input from disparate sources, and are culturally astute. Equally important is the fact that these high-level capabilities are both relevant and transferable from field to field and position to position, an outcome that benefits employers and graduates alike.”

– Elizabeth Say, dean, College of Humanities

“The College of Science and Mathematics has traditionally been a leader in research and currently represents about 40 percent of CSUN’s external funding. The faculty members recognize both their obligation to create and disseminate new knowledge and their responsibility to provide students with hands-on training in math and science. A vibrant college-wide research program achieves both of these goals, as well as benefiting the local economy. Applied research will continue to be the foundation of the College of Science and Mathematics, and newly created initiatives are aimed at ensuring its expansion.”

— Jerry N. Stinner, dean, College of Science and Mathematics

The Value Proposition

Because CSUN programs for midcareer professionals are not funded with state dollars, the university is able to make investments in various features of high value to midcareer professionals that might not otherwise be possible. These high-value features include time invested in curriculum design, ongoing program reviews and updates, team teaching and field projects, online and off-site program delivery, cohort formats, extensive support services and more.

Because these programs are priced to be self-supporting, the tuition is higher than for programs offered with state funding. However, students in CSUN’s programs for midcareer professionals are not charged the full range of campus fees because they do not participate in the typical range of student-life programs and services.

Tuitions are also typically well below those charged by private and/or for-profit providers offering similar programs for midcareer professionals without the many advantages offered by CSUN as a major public university. In fact, the value proposition for midcareer professionals who choose CSUN for their advanced professional education is outstanding – and, for some, surprisingly so.

FIELD: POLITICAL SCIENCE



L.A.’s First Black Political Leader:
Frederick Madison Roberts

A CSUN political science professor has documented the emergence of Black political leadership in Los Angeles, including former California assemblyman, newspaper editor and business owner Frederick Madison Roberts.

🔗 Learn more about this multidisciplinary project at www.csun.edu/elevate.

CSUN Graduate Programs for Midcareer Professionals – Options and Advantages for Regional Employers

While CSUN graduate programs for midcareer professionals offer exceptional educational advantages for individual working adults, the university – through the Tseng College – can also offer significant, competitive options and advantages to employers. Examples:

- CSUN can bring its graduate-degree programs and/or graduate-credit certificate programs to an employer's site and offer a cohort exclusively for that employer's staff. CSUN has done this with both face-to-face programs taught on-site and cohorts of online programs.
- Course materials for both on-site and online programs for employers can be customized as needed. For example, case studies relevant to the industry in question can be included and/or selected exercises or assignments based on industry-specific challenges and issues can be designed.
- Some employers find it advantageous to provide groups of 30 or so emerging senior professionals in their organizations with a shared learning experience at the graduate level.
- In some cases, CSUN can work with a regional employer or professional/industry association to develop a new graduate-degree or graduate-credit certificate program. While the university would not find it appropriate to develop a degree program that is only narrowly applicable to a particular employer, employers have helped CSUN to identify emerging needs for well-prepared senior professionals in specific fields in ways that have led the university to develop new programs to meet broader industry needs.
- CSUN's agility, expertise in program design and openness to working with employers and leading practitioners allow it to respond to emerging educational needs in the regional economy and to work with regional employers, professional associations and economic development organizations to develop new programs to address these needs.

FIELD: URBAN STUDIES
AND PLANNING




Designing Sustainable Parks in
Asphalt Cities – Starting Here!

A project directed by a CSUN urban studies and planning professor is creating a new protocol for the community-based “re-purposing” of San Fernando Valley drainage channels, parking lots and vacated railway lines in order to meet healthy living standards for public open spaces.

• Learn more about this pilot project at www.csun.edu/elevate.

- CSUN can also develop training programs of shorter duration. Content areas can be drawn from components of CSUN graduate-degree or graduate-certificate programs and/or from the applied research work of faculty. As is typical with shorter-duration and custom-designed training programs, these programs are generally not offered for academic credit, but CSUN noncredit programs can be graded as needed to serve the educational objectives of the sponsoring organization, and such formal study in CSUN noncredit programs is recorded on the student's official university transcript.

 CSUN, through its Tseng College, is prepared to explore custom-designed and contracted noncredit programs – including the development of online training programs – for any employer.

For further information on custom-designed and contracted program options for employers, please call Julia Potter, Education & Research Partnerships, at (818) 677-2965 or email elevate@csun.edu.

“Our college prepares teachers, counselors, administrators and other professionals to serve the region’s diverse educational needs. Our faculty is committed to excellence through innovation, demonstrated by designing programs that involve applied learning experiences in the community—whether in schools or clinical settings. We believe that excellence includes the acquisition of professional knowledge, skills and dispositions, which are reflected in the growth and renewal of ethical and caring professionals and those they serve. Innovation occurs through collaborative partnerships among communities of diverse learners who engage in creative and reflective thinking.”

– Michael E. Spagna, dean, Michael D. Eisner College of Education

FIELD: URBAN STUDIES AND PLANNING



Can We Breathe and Be Economically Competitive?

While environmental regulations are often thought to reduce economic growth, a recent study by a CSUN urban studies and planning professor indicates that local air-quality regulations have not had a detrimental impact on Southern California's metal-finishing industry.

• Learn more about this economically significant study at www.csun.edu/elevate.

SECTION II

Graduate-Degree and Graduate-Credit Certificate Programs

PROGRAMS DESIGNED FOR
MIDCAREER ADULTS



Affordable advanced professional education for midcareer professionals and working adults

Visit our YouTube channel to hear from current students, graduates and professors.

• www.youtube.com/tsengcollege

CSUN offers both M.A. and M.S. degrees in “Interdisciplinary Studies” in many fields. For information on obtaining a degree in “Interdisciplinary Studies,” contact the subject-area departments of interest. For the most current listing of CSUN graduate programs, visit www.csun.edu/grip/graduatestudies/programs.html.

CSUN is continuously in the process of developing new degree programs for midcareer adults. For the most current information on upcoming or recently launched programs, please contact Julia Potter, Education & Research Partnerships, at (818) 677–2965 or email elevate@csun.edu.

- ★ designed specifically for midcareer adults (see pages 6 through 16 for description)
- ⓐ pathway sequence to prepare for a graduate degree in a new field
- Ⓒ graduate-credit certificate
- Ⓢ stackable curricula (see page 9 for description)
- ⓪ online
- ⓗ online and on-site hybrid

Statement of Nondiscrimination and Disability Services Information

CSUN does not discriminate on the basis of age, color, disability, national origin, race, religion, sex, sexual orientation or veteran status, as monitored by the Department of Labor (Office of Federal Contract Compliance) and the Department of Education, or in violation of section 504 of the Rehabilitation Act of 1973 and the regulations adopted thereunder.

Students Needing Classroom Accommodations or Auxiliary Aids—Students requiring classroom accommodations should contact either the Center on Disabilities or the National Center on Deafness (for those who are deaf or hard of hearing) for assistance **as soon as the decision to enroll has been made.**

Disability Resources and Educational Services: Voice and message: (818) 677-2684, email: dres@csun.edu


National Center on Deafness: Voice and TTY (818) 677-2614, email: ncod@csun.edu

Arts, Media and Communication, Mike Curb College of

The College of Arts, Media and Communication offers eight master's degree programs. Many of the college's graduate courses feature one-on-one interactions with working professionals, and CSUN's location in the heart of the entertainment industry provides a wide range of internship opportunities.

www.csun.edu/amc/GRAD.html

(818) 677-2246





Department	Major and areas of specialization	Degree/ delivery mode
Art	Art, with three options: Art Education, Art History, and Visual Arts	M.A.
	Visual Art with options in Ceramics, Drawing, Graphic Design, Illustration, Painting, Photography, Printmaking, Public Art, Sculpture, and Video/Digital Art	MFA
Cinema and Television Arts	Screenwriting	M.A.
Communication Studies	Communication Studies	M.A.
Journalism	Mass Communication	M.A.
Music	Music, with three options: Composition, Conducting and Performance	M.M.
	Music Industry Administration	M.A. / 
Theatre	Theatre	M.A.

Business and Economics, College of

CSUN's College of Business and Economics offers three master's degrees. These programs are specifically designed for working professionals who are seeking ways to enhance their careers.

www.csun.edu/busgrad

(818) 677-2467












Department	Major and areas of specialization	Degree/ delivery mode
Accounting and Information Systems	Accountancy	M.S.
	Taxation	M.S. / 
Management	Business Administration	MBA,  /  

Education, Michael D. Eisner, College of

Nationally recognized for its long-term success in preparing highly qualified teachers, school administrators, counselors and deaf studies professionals, this college is among the largest colleges of education in California. It is also well known for its cutting-edge programming, as exemplified by the graduate-degree programs listed here.

www.csun.edu/education

(818) 677-2590



Department	Major and areas of specialization	Degree/ delivery mode
Educational Leadership and Policy Studies	Educational Leadership	Ed. D.
	Education – Educational Leadership and Policy Studies	M.A. /  
Educational Psychology and Counseling	Career Education and Counseling	
	College Counseling and Student Services	
	Counseling, with five options: Career Counseling, College Counseling and Student Services, Marriage and Family Therapy, School Counseling, and School Psychology	M.S.
	Education in two areas of specialization: Development, Learning and Instruction; and Early Childhood Education	M.A.
	Educational Therapy	
	Infant-Toddler-Family Mental Health	
	Instructional Design and Adult Development	
	Parent/Child Specialization/Consultation	
Elementary Education	Education, with four areas of specialization: Curriculum and Instruction, Language and Literacy, Multilingual/Multicultural Education, and Teaching and Learning	M.A.
Secondary Education	Education, with six options: Computers and Educational Technology, Curriculum and Instruction, English as a Second Language, English Education, Mathematics Education, and Science Education	M.A.
Elementary and Secondary Education	California Teachers of English Learners (CTEL)	
Special Education	Special Education, with five options: Deaf and Hard of Hearing, Early Childhood Special Education, Educational Therapy, Mild/Moderate Disabilities, and Moderate/Severe Disabilities	M.A.
	Early Intervention for Children with Special Needs/Birth to 5 Years	
	Educational Therapy	

Engineering and Computer Science, College of

With nine master's degree programs, the College of Engineering and Computer Science is a recognized center for excellence for graduate education in computer science and engineering. It provides not only quality education for its students but also – by partnering with professionals and organizations within the computer science and engineering communities – an essential connection between education and professional practice.

www.ecs.csun.edu/ecsdean

(818) 677-4501

Department	Major and areas of specialization	Degree/ delivery mode
	Assistive Technology Engineering	M.S. / 
Civil Engineering and Applied Mechanics	Structural Engineering	M.S.
Computer Science	Computer Science	M.S.
	Software Engineering	M.S.
Electrical and Computer Engineering	Electrical Engineering	M.S.
Manufacturing Systems Engineering and Management	Engineering Management	M.S.
	Manufacturing Systems Engineering	M.S.
	Quality Management	
	Materials Engineering	M.S.
Mechanical Engineering	Mechanical Engineering	M.S.

“The faculty and students in the College of Engineering and Computer Science are engaged in a variety of cutting-edge applied research projects in renewable energy, materials engineering, software engineering and enterprise computing, communication engineering, manufacturing and robotics. What is remarkable is that all of these projects address current problems and provide practical, workable solutions. The college is also home to interdisciplinary centers – such as the Energy Research Center and the Ernie Schaeffer Center for Entrepreneurship and Innovation – which provide a framework for interdisciplinary applied research projects through the college’s signature design-clinic programs.”

– S.K. Ramesh, dean, College of Engineering and Computer Science

Health and Human Development, College of

The College of Health and Human Development – which is dedicated to preparing competent and caring professionals who share its commitment to enhancing and promoting the health and well-being of individuals, families and communities – offers nine graduate-degree programs.

www.csun.edu/hhd

(818) 677–3001


Department	Major and areas of specialization	Degree/ delivery mode
	Assistive Technology Studies and Human Services	M.S. /  
Communication Disorders and Sciences	Communication Disorders and Sciences (CDS), with a specialization in Speech and Language Pathology; CDS prerequisite program	M.S. /   
Environmental and Occupational Health	Environmental and Occupational Health, with an option in Industrial Hygiene	M.S.
Family and Consumer Sciences	Family and Consumer Sciences, with five areas of specialization: Apparel Design/Merchandising, Consumer Affairs, Family Studies, Interior Design, and Nutrition and Dietetics	M.S.
Health Sciences	Health Administration	M.S.
	Public Health in Health Education	MPH
Kinesiology	Kinesiology, with seven areas of specialization: Adapted Physical Activity, Biomechanics, Dance, Exercise Physiology, Motor Behavior, Pedagogy in Physical Education, and Sport Studies	M.S.
Physical Therapy	Physical Therapy	DPT
Recreation and Tourism Management	Tourism, Hospitality and Recreation Management, with two areas of specialization: Hospitality/Travel/and Tourism, and Recreational Sports Management	M.S.

Humanities, College of

The College of Humanities is among the largest colleges at CSUN, housing seven academic departments and offering six master’s degree programs.

www.csun.edu/humanities

(818) 677–3301

Department	Major and areas of specialization	Degree/ delivery mode
Chicana/o Studies	Chicano/a Studies	M.A.
English	English, with three areas of specialization: Creative Writing, Literature, and Rhetoric/Composition	M.A.
Humanities	Humanities	M.A. / 
Linguistics	Linguistics	M.A.
	Teaching of English as a Second Language (TESL)	M.A.
Modern and Classical Languages and Literatures	Spanish	M.A.

Science and Mathematics, College of

CSUN's College of Science and Mathematics excels in preparing students who go on to earn doctoral degrees in the sciences. In addition to replenishing the region's and nation's pool of talented scientists for leadership roles in industry and education, the college also prepares a number of students for success in medical, dental and pharmacy schools.

www.csun.edu/csm

(818) 677-2005
















Department	Major and areas of specialization	Degree/ delivery mode
Biology	Biology	M.S.
Chemistry and Biochemistry	Biochemistry	M.S.
	Chemistry	M.S.
Geological Sciences	Geology with an option in Geophysics	M.S.
Mathematics	Mathematics	M.S.
Physics and Astronomy	Physics	M.S.

Social and Behavioral Sciences, College of

Through its seven departments, the College of Social and Behavioral Sciences enrolls the greatest number of students at CSUN. The college's mission is "relevance." Its purpose is to increase understanding of a complex and ever-changing world through excellence in teaching and applied research.

www.csun.edu/csbs

(818) 677-3317

Department	Major and areas of specialization	Degree/ delivery mode
Anthropology	Anthropology, with two options: General Anthropology and Public Anthropology	M.A.
Geography	Geography , with two options: Standard Program and Geographic Information Systems	M.A.
History	History	M.A.
Political Science	Nonprofit-Sector Management	 /  
	Political Science	M.A.
	Public Administration	MPA /    
	Public Policy	MPP /  
	Urban Studies and Planning	 /  
Psychology	Psychology with four options: Behavioral Clinical, Clinical, General/Experimental, and Human Factors/Applied Psychology	M.A. / 
Social Work	Social Work	MSW /  
Sociology	Sociology	M.A.

ELEVATE

Known for its agility, responsiveness and focus on innovation, CSUN, through its Tseng College, is ideally positioned to collaborate with regional, national and international firms on a wide range of graduate-education and applied-research projects.

The university's Tseng College – entirely dedicated to graduate, international and midcareer education – works across all the other CSUN colleges and the fields within them to bring a wide range of programs and services to regional employers as well as partnering organizations.

“While the depth and breadth of the excellence and distinction of CSUN may not be surprising to those who know this university, what surprises many is that within recent decades CSUN has become a significant force in graduate education – not only at the master’s but increasingly at the doctoral levels – and applied research that changes both the region’s economic future and the quality of life for individuals and communities.”

– Joyce Feucht-Haviar, dean, the Tseng College

Employers, let's talk about possibilities...

To learn more about graduate and advanced professional education programs, or to explore options for customized applied research projects with CSUN, please contact

Julia Potter
Education & Research Partnerships

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www.csun.edu/elevate