



CPEC

2011 Annual Report Program Review

California Postsecondary Education Commission
www.cpec.ca.gov

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The California Postsecondary Education Commission is directed by state law to review and comment on new academic program proposals from UC, CSU, and the community colleges. Program review is one of CPEC's primary responsibilities — it coordinates the systems' long-range plans, monitors efficient use of state resources, and avoids unnecessary program duplication.

This annual report includes a list of programs reviewed by CPEC staff, a summary of agreements made by the Program Review Advisory Committee, and the systems' long-range plans for new programs. It also discusses general trends in new programs and how they address workforce needs.

This report provides, in a single source, a summary of the long-range academic and vocational program plans of all three public systems. This information can be used to assess the extent to which plans respond to emerging workforce and societal needs. The operational and capital costs for new programs may be assessed through cost-benefit and cost-effectiveness analyses. Also, workforce and societal needs can be prioritized and compared to plans for new programs to help ensure the effective use of state funding.

Program Review Activities

CPEC is receiving fewer proposals as state budget constraints mean that campuses and system offices must prioritize needs for new programs more critically than in past years. In 2010, no community college programs were submitted. Staff received 26 graduate-level programs: 22 from UC and four from CSU.

Most programs submitted for CPEC review are interdisciplinary programs that use existing faculty and resources with no additional cost to the state. Some programs need additional resources, but these are designed to meet specific industry needs and enroll students working in the industry. These programs typically have higher fees to cover the additional program costs.

The graduate-level programs approved in 2010 were primarily in fields of information science, software engineering, biotechnology, and public health. Workforce projections by the California Employment Development Department (EDD) show high job growth in these fields. Expanding graduate programs in these fields is important, but CPEC is concerned with the lack of community college programs in these areas, particularly in health sciences. EDD projects high growth in home health care aides, an occupation requiring a community college certificate or an associate degree. The community colleges should expand such programs, and there is concern that budget constraints are preventing colleges from meeting this need.

In 2010 two bills were passed extending CSU's authority to offer professional doctorates. AB 2382 gives CSU authority to award the Doctorate of Physical Therapy (DPT); AB 867 gives the authority to award the Doctorate of Nursing Practice (DNP). CPEC staff expect to review about ten proposals for these doctorates this year. See pages 7–8 for a list of reviewed programs.

Program Proposals Subject to CPEC Review

The following criteria are used to determine if an individual program proposal will be subject to formal CPEC review and comment.

Community Colleges

Community college program proposals are subject to formal review if any of the following conditions exist:

- The program is the first of its type to be offered by a community college.
- The program involves intersystem collaboration.
- The program requires new facilities, major renovation to existing facilities, or an expenditure of more than \$1.0 million in state funds for equipment.
- The program requires joint-use facilities.
- The program involves more than one district, or is likely to impact enrollment levels of neighboring districts.

CSU and UC

Undergraduate Programs. CSU and UC proposals for new undergraduate degree programs are not subject to formal review unless a specific request is made by staff.

Master's Programs. CSU and UC master's program proposals in the following discipline areas are subject to formal review and comment:

- | | | |
|-----------------------|-----------------------------------|------------------------|
| • Agriculture | • Education | • Mathematics |
| • Architecture | • Engineering | • Physical science |
| • Biological sciences | • Health professions | • Professional studies |
| • Business/Management | • Information science/Informatics | • Psychology |

CPEC does not review master's programs in the humanities, such as literature, art history, and music, and nearly all programs in the social sciences, such as sociology and political science. Although such programs fulfill important educational and societal needs, conducting a supply–demand analysis would be difficult because these fields lead to a broad range of careers or graduate studies.

Doctoral Programs. All CSU and UC doctoral programs, whether offered independently or jointly, are subject to formal review and comment by CPEC. Education Code §66010.4 gives CPEC approval authority for joint doctoral programs proposed by CSU and independent universities.

Program Review Advisory Committee

The Program Review Advisory Committee is made up of representatives from UC, CSU, the community colleges, the Legislative Analyst's Office, and CPEC. The committee met in May to discuss the systems' long-range plans for degree programs, professional schools, and their response to 2010 legislation on nursing and physical therapy doctorates and the community college transfer degree.

The committee also discussed how to streamline the review process, as the system offices and CPEC are understaffed.

Workforce Outlook

Workforce projections and occupational outlooks are used in the program planning and review process. The indicators used to demonstrate market need are from the Employment Development Department's ten-year projections, including job growth and salary levels, by each county. Often, proposals contain letters of support from local companies that express a need for more graduates in their hiring pool. Faculty often have connections to local industry and this insight on workforce demand can be the impetus for developing a new program.

The greatest job growth from 2008 to 2018 will be in educational services, health care, social assistance, and professional and business services. Many of these industries will have need for varying levels of postsecondary education, ranging from a certificate to a professional degree. Occupational outlook varies by county. Large urban areas tend to have greater workforce needs in fields requiring advanced education, such as technology and engineering. In rural counties, there is more growth in health care and mechanical occupations. All parts of the state show high job growth in home health care services.

Staff acknowledge that some programs are not developed for the purpose of filling a current workforce need. Some programs offer an academic, cultural, or societal benefit, while others explore emerging fields and support new knowledge creation that give rise to industries, jobs and economic development not anticipated in current workforce projections. The state should prioritize investment in programs with current favorable job outlook, as well as programs for new and emerging industries.

Job Outlooks, 2008–2018

Occupation	Jobs 2008	Annual openings average 2008–2018
Registered nurses	238,400	9,900
Elementary school teachers	191,800	9,320
General and operations managers	231,200	6,630
Business operations specialists	184,600	6,270
Accountants and auditors	142,300	5,820
Secondary school teachers	119,100	5,700
Application software engineers	87,300	5,380
Teachers and instructors	112,700	3,330
Management analysts	89,100	3,200
Postsecondary teachers	67,200	3,090
Computer systems analysts	53,900	2,950
Computer support specialists	61,100	2,940
Lawyers	85,000	2,900
Middle school teachers	57,000	2,630
Network systems analysts	28,900	2,290
Systems software engineers	52,100	2,230
Financial managers	68,800	1,920
Sales managers	50,600	1,900
Computer systems administrators	32,400	1,720
Property, real estate managers	88,400	1,640

Source: Employment Development Department, Labor Market Information Division

CPEC's Program Review Guidelines

Societal need

Postsecondary education institutions bear a responsibility for preparing students to meet the state's workforce and knowledge needs. Workforce demand projections serve as one indication of the need for a proposed program. Although achieving and maintaining a perfect balance between supply and demand in any given career field is impossible, it is important nevertheless that the number of persons trained in a field and the number of job openings in that field remain reasonably balanced.

Maintenance and improvement of quality

Protecting the public interest and trust requires that educational programs at all levels be high quality. Although the primary responsibility for the quality of programs rests with the institution and its system, the Commission, for its part, considers pertinent information to verify that high standards have been established for the operation and evaluation of the program.

Student demand

Within reasonable limits, students should have the opportunity to enroll in programs of study they are interested in and qualified for. Therefore, student demand for programs, indicated primarily by current and projected enrollments, is an important consideration in determining need for a new program.

Appropriateness to the institutional and system mission

Programs offered by a public institution within a given system must comply with the delineation of function for that system, as set forth in the California Master Plan for Higher Education. Proposed new programs must also be consistent with the institution's own statement of mission and must be approved by the system's statewide governing body.

Number of existing and proposed programs in the field

An inventory of existing and proposed programs provides an initial indication of the extent to which apparent duplication or undue proliferation of programs exists, both within and among the higher education systems. However, the number of programs alone cannot be regarded as an indication of unnecessary duplication. This is because (a) programs with similar titles may have varying course objectives or content, (b) there may be a demonstrated need for the program in a particular region of the state, or (c) the program might be needed for an institution to achieve academic comparability within a given system.

Total costs of the program

The relative costs of a program, when compared with the costs of other programs in the same area, constitute another criterion in the Commission's program review process. Included in the consideration of costs are the number of new faculty required based on desired student-faculty ratios, as well as costs associated with equipment, library resources, and facilities necessary to deliver the program. For a new program, it is necessary to know the source of the funds required for program delivery, both initially and in the long run.

Advancement of knowledge

The program review process encourages the growth and development of intellectual and creative scholarship. When the advancement of knowledge seems to require establishing programs in new disciplines or in new combinations of existing disciplines, such considerations as costs, student demand, or employment opportunities may become secondary.

California State University

CSU submitted four proposals in 2010, fewer than in recent years. Staff expect to review more proposals in 2011 as CSU starts developing doctoral programs in physical therapy and nursing practice. Six DNP and four DPT programs are expected in the coming year. Doctoral programs in education continue to emerge, and five proposals are expected in 2011.

In March 2011, CSU's Board of Trustees allowed campuses to move forward with planning many programs that are expected to begin between 2011 and 2015. In addition to the physical therapy and nursing doctorates, CSU is expected to add 107 programs — 39 undergraduate, 56 graduate, and 12 joint doctoral programs. CSU will discontinue 11 programs, mostly undergraduate programs.

CSU program plans, 2010–2015

	Undergraduate	Graduate
Humanities & social sciences	47%	30%
Biological & health sciences	24%	28%
Engineering & computer sciences	8%	18%
Education	–	10%
Management & administration	8%	9%

CSU worked in 2010 to reduce the units required for bachelor's degrees, with the goal of having students finish in less time. Campuses reviewed nearly 1,300 programs and just over 1,000 of these were reduced to a 120 semester-unit requirement for graduation.

University of California

In 2010, CPEC staff reviewed 22 UC graduate programs, primarily for professional degrees or in health science, engineering and computer science. This was a 35% decrease from 2009.

UC is developing more self-supporting professional programs. Under UC's guidelines, these programs must cover their full costs with student tuition or other non-state funds. Tuition for self-supporting programs may be set higher than tuition for state-supported graduate programs. In 2010, CPEC concurred with UC San Diego's proposal to develop three professional master's programs in advanced studies (MAS), including medical device engineering and wireless embedded systems. The part-time MAS programs are designed for working professionals in engineering or technology. Students will likely hold mid-level positions in San Diego firms.

UC Berkeley and UC Davis opened professional accountancy master's programs in 2010 in anticipation of new federal and state regulations. The federal regulations improve oversight and disclosure requirements, and increase penalties for fraud. State law taking effect in January 2014 increases the number of education units required before a student can take the CPA exam.

UC submitted a five-year plan for new academic programs to the CPEC program review committee. The five-year plan includes developing 109 graduate programs, 42 undergraduate programs, and five professional schools. UC is planning to close 15 programs and to withdraw 57 programs from the planning process.

The new professional schools include schools of education and nursing at UC Irvine, schools of management and of medicine at UC Merced, and a law school at UC San Diego. The categories of programs in UC's five-year plan are shown to the right.

UC program plans, 2010–2015

	Undergraduate	Graduate
Humanities	21%	18%
Physical science	40%	30%
Health science	5%	16%
Education	2%	2%
Social science	14%	17%
Biological science	14%	10%
Professional degrees	2%	8%

California Community Colleges

CPEC staff did not review any community college programs in 2010. This decrease may be the result of tight budgets and the inability of campuses to hire new faculty, expand capacity, and expand program offerings.

A major development was SB 1440 (Padilla), passed in September 2010. This bill created the associate transfer degree, which guarantees admission to the CSU system as a junior. The bill prohibits CSU from requiring students to take courses similar to ones already completed, which shortens time-to-degree. The community college system has established model curricula for transfer degrees in psychology, sociology, communication, and mathematics. Curricula are being developed for transfer degrees in early childhood education, history, geology, physics, and theater.

The Chancellor's Office is developing an online curriculum inventory for monitoring academic program offerings at each campus. New federal and state regulations require community colleges to publish information on online program participation, and program-to-employment success. The curriculum inventory will be available for use by state and federal agencies by fall 2012. CPEC staff expect this to be a useful tool in monitoring programs at community colleges.

Statutory Obligation

CPEC's statutory responsibilities for reviewing degree and certificate programs are expressed in Education Code § 66903–66904:

The Commission shall have the power to require the governing boards and the institutions of public postsecondary education to submit data on plans and program costs and on other matters pertinent to effective planning and policy development. It shall review proposals for new programs, review the priorities that guide them, and review the degree of coordination with nearby public, independent, and private postsecondary institutions. The Commission shall make recommendations to the Governor and Legislature regarding program plans.

The Commission shall serve as a stimulus to the systems and institutions by projecting and identifying societal and educational needs and encouraging adaptability to change. It shall conduct studies of projected manpower and supply to improve the information base upon which student choices are made. The Commission shall have approval authority for all proposals for new joint doctoral programs between the California State University and the independent higher education sector.

CSU Proposals Expected for Review in 2011

Bakersfield	EdD	Educational leadership	Monterey	–	
Channel Islands	–		Northridge	MS	Accountancy
Chico	–			MS	Nursing
Dominguez Hills	EdD	Educational leadership		MS	Structural engineering
Fresno	–		Pomona	EdD	Tourism & destination site admin
Fullerton	MA	Criminal justice	San Bernardino	–	
Long Beach	MS	Geographic info systems	San Diego	PhD	Bioengineering
Los Angeles	MS	Aerospace engineering		PhD	Elec & computer engineering
	MS	Technology		PhD	Structural engineering
	PhD	Complex systems		MS	Information systems
Maritime Academy	MS	Transp & engineering mgt	San Luis Obispo	MA	Disaster mgt & homeland security
			Stanislaus	MS	Digital media & visual anthro

The PhD programs listed are joint programs with the University of California or independent universities.

CSU Proposals Expected for Review in 2012

Bakersfield	–		Maritime Academy	–	
Channel Islands	MPA	Public administration	Monterey	EdD	Educational leadership
	MS	Biology	Northridge	DPT	Physical therapy
	MS	Coastal sustainability		MS	Quality management
	MS	Nursing	Pomona	MS	Geological sciences
Chico	EdD	Educational leadership	San Bernardino	MA	Applied archaeology
	MS	Agricultural education	San Diego	DNP	Nursing practice
	MS	Mechatronic engineering		DPT	Physical therapy
Dominguez Hills	–			EdD	Special education
Fresno	DNP	Nursing practice		MS	Biomedical quality systems
	DPT	Physical therapy		PhD	Applied social science, emphasis in substance abuse
	MS	Water resource management	San Jose	–	
Fullerton	DNP	Nursing practice	San Luis Obispo	MS	Nutrition
	MS	Computer engineering		MS	Printed electronics and functional imaging
	MS	Engineering management		PhD	Engineering
	MS	Environmental engineering	Stanislaus	–	
Long Beach	DNP	Nursing practice			
	DPT	Physical therapy			
Los Angeles	MS	Systems engineering			
	DNP	Nursing practice			
	PhD	Forensic sciences			

The PhD programs listed are joint programs with the University of California or independent universities.

UC Proposals Expected for Review in 2011

Berkeley	–		Merced	–	
Davis	MS	Enviro policy and management	Riverside	–	
	MA, PhD	Study of religion	San Diego	MAS	Simulation-based engineering
Irvine	MS	Biomedical and translational science (BATS)		MAS	Structural health monitoring
	MS/PhD	Software engineering (ICS)	San Francisco	MS	Translational medicine
Los Angeles	MBA	UCLA/Adolfo Ibanez EMBA	Santa Barbara	–	
			Santa Cruz	–	

UC Proposals Expected for Review in 2012

Berkeley	PhD	Computational biology	Merced	MS/PhD	Chemistry
	MDP	Development practice		MS/PhD	Elec engineering & computer sci
	MA, MS/JD	Energy & resources/law (concurrent)		MA/PhD	History
	MA, MS/MPP	Energy & resources/ Public policy (concurrent)		MS/PhD	Literature
	MPH	Public health (on-campus/ online hybrid)		MS/PhD	Mech engineering and applied mechanics
	MPP/MSW	Public policy/social welfare (concurrent)	Riverside	MS/PhD	Physics
Davis	MS	Community development		MS/PhD	Political science
	MS/MBA	Engineering/MBA		MEng	Engineering
	PhD	Health informatics		MA/PhD	Women's studies
Irvine	PhD	Nursing science		MAcc	Accounting
	MPH/MD	Public health and MD		MS/PhD	Astrophysics
	MCS	Computer science		MBA	Business admin, fully-employed (similar to existing p/t MBA)
	MS/PhD	Engineering design software		MS/PhD	Geology – global climate and environmental change
	PhD	Environmental health		PhD	History of art
	MS/PhD	Human-centered computing	San Diego	MA/PhD	Media and cultural studies
	MA	Medical social sciences		PhD	Applied social science, emph. in substance abuse (joint w/ SDSU)
	MA	Political consultancy and government relations		PhD	Biostatistics
Los Angeles	MS	Applied statistics	San Francisco	MS	Genetic counseling
	MS	Biomedical technology		MS/PhD	Health policy research
	MS/PhD	Community health sciences		MMGPT	Molecular medicine
	MA	Exec cultural resource mgt		PhD	Physical therapy
	MPH	Health edu and promotion	Santa Barbara	MS	Actuarial science
	MPH	Healthcare mgt and policy		MS	Biotechnology and pharmacology
	MS/PhD	Planetary science		MS/PhD	Bioengineering, biophysical sci
Merced	MA/PhD	Anthropology		MA/PhD	Educational sciences
	MA/PhD	Biological engineering and small-scale technologies		PhD	Materials
				MA	Religious studies
				MS	Tech mgt & commercialization
			Santa Cruz	PhD	Feminist studies
				PhD	Latin American & Latino studies

UC Long-range program plans and status

Berkeley

Graduate programs

Campus review

new	Computational biology	PhD
new	Development practice	MDP
new	Energy and resources/law (concurrent)	MA, MS/JD
new	Energy and resources/public policy (concurrent)	MA, MS/MPP
new	Public health (on-campus/online hybrid)	MPH
new	Public policy/social welfare (concurrent)	MPP/MSW

Department/school review

new	Renaissance & early modern studies	DE
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Suggested for list

new	Engineering (part-time, self-supporting)	MEng
new	Product development	MEng

Davis

Undergraduate programs

Suggested for list

new	Nursing	BS
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Graduate programs

CCGA CPEC review

new	Accountancy	MPAc
	Energy (formerly Energy systems, technology and policy)	MS, PhD
	Environmental policy and management	MS
	Study of religion	MA, PhD

Department/school review

	Community development	2nd MS
	Engineering/management (concurrent)	MEng/MBA
	Health informatics	PhD

Suggested for list

	Chemical engineering – joint with Middle East (METU)	PhD
new	Global health (joint with UC Riverside, UC San Diego)	MS
	Physician assistant	MPAS
	with (new) Family nurse practitioner	(new) FNP/MHS
new	Public health	PhD

Schools and colleges

CCGA CPEC review

School of Public Health

Irvine

Undergraduate programs

Campus review

	Software engineering (Information and computer sciences)	BS
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UC Long-range program plans and status

Department/school review

new	Biology business	Minor
	Earth and environmental studies	BA
	Statistics	BS

Suggested for list

	Chemistry, concentration in physics edu with teaching credential	BS
	CS or informatics, or ICS with teaching credential	BS
	Earth and environmental science with teaching credential	BS
new	Industrial and organizational psychology	Minor
	Math, specialization in math edu with teaching credential	BS
	Middle East and African studies with humanities	BA
new	Persian Studies	BA
	Physics, concentration in physics edu with teaching credential	BS

Graduate programs

CCGA CPEC review

	Biomedical and translational science	MS
	Epidemiology	MS/PhD
	Public health	PhD
	Software engineering (ICS)	MS/PhD

Campus review

	Nursing science	PhD
	Public health & MD	MPH/MD

Department/school review

	Computer science	MCS
	Engineering design software	MS/PhD
	Environmental health	PhD
	Human-centered computing	MS/PhD
	Medical social sciences	MA
	Political consultancy and government relations	MA

Suggested for list

new	Education	MA
new	Biotechnology management (MSBTM)	MS/MBA
new	Characterization of nanostructured materials	MS
	Chemistry, concentration in theoretical chemistry	PhD
new	Engineering, concentration in systems, design & innovation	MS/PhD
new	Engineering management (MSEM)	MS
new	German studies	PhD
	Global change ecology	Gateway program
	Mathematical, computational and systems biology	PhD
	Nursing and public health	MSN/MPH
new	Public health, concentrations in global health and translational science	MPH
	The Americas	MA

UC Long-range program plans and status

Schools and colleges

Campus review

- School of education
- School of nursing science

Research units

Suggested for list

- new Biomedical engineering for advanced technologies in ophthalmology

Departments

Department/school review

- new Department of environmental health

Suggested for list

- new Department of African American studies
- new Department of European studies

Los Angeles

Undergraduate programs

Suggested for list

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| new | Digital humanities | BA |
| | Public health | BS/BA |

Graduate programs

CCGA CPEC review

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|---------------------------------------------------------------------------------|------|
| Global Executive MBA for the Americas
(joint with Universidad Adolfo Ibanez) | EMBA |
|---------------------------------------------------------------------------------|------|

Department/school review

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|----------------------------------------|--------|
| Applied statistics | MS |
| Biomedical technology | MS |
| Community health sciences | MS/PhD |
| Executive cultural resource management | MA |
| Health education and promotion | MPH |
| Healthcare management and policy | MPH |
| new Planetary science | MS/PhD |

Suggested for list

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|---------------------------------------------------|-----------------|
| Afro-American studies | PhD |
| Asian American studies | PhD |
| new Clinical aspects of human biology and disease | PhD |
| Communications, professional master in journalism | MA |
| new Language pedagogy | MA |
| Law and medicine | JD/MD |
| new Medicine, public policy (joint degree) | MD/MPP |
| Nanoscale science and nanotechnology | MS/PhD |
| new Technology management | MS |
| Women's studies and law | JD/MA or JD/PhD |
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UC Long-range program plans and status

Merced

Undergraduate programs

Department/school review

Arts	BA
Biochemistry	BS
Comparative ethnic and cultural studies	BA
General engineering	BS
Spanish literature and languages	BA

Suggested for list

Chemical biology	BS
Civil engineering	BS
Electrical engineering	BS
Public health	BS

Graduate programs

Department/school review

Anthropology	MA/PhD
Biological engineering and small-scale technologies	MA/PhD
Chemistry	MS/PhD
electrical engineering and computer science	MS/PhD
History	MA/PhD
Literature	MA/PhD
Mechanical engineering and applied mechanics	MS/PhD
Physics	MS/PhD
Political science	MS/PhD

Suggested for list

Applied mathematics	MS/PhD
Biochemistry	MS/PhD
Civil engineering	MS/PhD
Economics	MA
Sociology	MS/PhD

Schools and colleges

Suggested for list

Gallo School of Management
School of Medicine

Riverside

Undergraduate programs

Department/school review

Foreign languages/administrative studies	BA
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Combined programs

Department/school review

Business	BS/MBA
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UC Long-range program plans and status

Graduate programs

Campus review

Engineering	MEng
Women's studies	MA/PhD

Department/school review

Accounting	MAcc
Astrophysics	MS/PhD
Business administration, fully-employed (similar to existing part-time MBA)	MBA
Geology – global climate and environmental change	MS/PhD
History of art	PhD
Linguistics	PhD
Media and cultural studies	MA/PhD
Theatre	MA

Suggested for list

new Sustainable landscape architecture	MS
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San Diego

Undergraduate programs

Campus review

Computing and the arts	BA
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Department/school review

Environmental technologies	BS
Language and law	BA
Marine science	BS

Suggested for list

Marine biology	BS
Middle Eastern studies	BA
Public culture	BA or minor

Graduate programs

CCGA CPEC review

new Medical device engineering	MAS
new Simulation-based engineering	MAS
new Structural health monitoring	MAS

Department/school review

Applied social science, emphasis in substance abuse (joint with SDSU)	PhD
Biostatistics	PhD

Suggested for list

Climate science	MS
Critical gender studies concentration	PhD
Imaging and radiation sciences	PhD
Information technology innovation	PhD
Leadership & learning (was Distributed learning & leadership)	PhD
Medical informatics	PhD

UC Long-range program plans and status

Suggested for list — *continued*

Pharmacy	PharmD/PhD
Prevention and treatment of addictive disorders	MAS
Projection/multimedia/animation/film	MFA

Schools and colleges

Suggested for list

School of Law	
new Seventh College	

San Francisco

Graduate programs

CCGA CPEC review

new Translational medicine	MS
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Department/school review

new Genetic counseling	MS
Health policy research	MS/PhD
Molecular medicine	MMGPT
new Physical therapy	PhD
new Translational research and discovery	certificate

Research units

Department/school review

new Institute for Regeneration Medicine	
new Newborn Brain Research Institute	

Santa Barbara

Undergraduate programs

Campus review

Biotechnology and pharmacology	BS
Electrical and computer engineering	BS

Department/school review

Childhood studies	BA
Conservation biology	BS
Cultural studies	BA
Religious studies (five-year program)	BA/MA

Suggested for list

Probability and statistics	BS
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Graduate programs

Campus review

Actuarial science (part of a five-year BS/MS program) (replaces Financial mathematics and statistics)	MS
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Art	MA
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new Biotechnology and pharmacology	MS
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Writing for performance	MFA
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UC Long-range program plans and status

Department/school review

	Applied linguistics	MA
	Bioengineering/biophysical sciences	MS/PhD
	Dance	MFA
	Educational sciences	MA/PhD
	Materials (joint with École Polytechnique, Palaiseau, France)	PhD
new	Religious studies	MA
	Technology management and commercialization	MS
Suggested for list		
new	Dynamical neuroscience	PhD

Santa Cruz

Undergraduate programs

Campus review

	Robotics engineering (previously Mechatronics)	BS
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Suggested for list

new	Digital arts and new media	BA
new	Environmental sciences	BS
new	Network engineering	BS

Graduate programs

Campus review

	Feminist studies	PhD
	Latin American and Latino studies	PhD

Department/school review

	Performative studies (formerly Studies in Performance)	MA
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Suggested for list

new	Bioengineering	MS/PhD
new	Environmental health	MS
new	Social and environmental practice in the arts	MFA

Program Review Procedure and Timelines

Steps	Description	Timeline
Systems submit long-range program plans to CPEC	UC and CSU submit a list of programs they wish to establish over the next five to ten years.	Annual, by April 30
Advisory Committee discussion	CPEC's Program Review Advisory Committee meets to discuss the systems' program plans.	Annual, by May 7
CPEC questionnaire	System office completes a questionnaire showing which sections of its proposal relate to CPEC program review criteria. CPEC staff appreciates receiving a proposal as soon as the system office completes the questionnaire.	Must be completed before submitting a proposal to CPEC, no later than five months before the first term of the program
Preliminary CPEC review	CPEC staff notify the system office if additional questions should be addressed and if additional supporting documents and analyses are needed.	Within 30 days of receipt of proposal and questionnaire
Final CPEC review, if no additional information is needed	CPEC notifies the system office of its finding and decision on program concurrence.	Within 30 days of receipt of proposal and questionnaire
Review of additional information	CPEC staff request additional information and will notify the system office of its finding and decision on concurrence.	Within 30 days of receipt of additional information
CPEC agenda item	For proposals with high operating and capital costs, CPEC staff may prepare an information agenda item for review by the Commission.	Quarterly, based on CPEC public meeting schedule
Comparison of systems' and CPEC's records	Each system provides CPEC with a list of proposals that it submitted for CPEC review. CPEC staff will compare the lists with its own review logs and resolve any discrepancies.	Annual, by May 1
Programs that were not reviewed	Each system provides CPEC with a list of programs that were established without CPEC review.	Annual, by May 5

Program proposals and other files are transmitted between CPEC and the system offices in electronic format.