

# Appendix A: Original Implementation Approval Letter

## THE CALIFORNIA STATE UNIVERSITY OFFICE OF THE CHANCELLOR

April 9, 2010

BAKERSFIELD

CHANNEL ISLANDS

Dr. J. Michael Ortiz, President  
California State Polytechnic University, Pomona  
3801 West Temple Avenue  
Pomona, California 91768

CHICO

DOMINGUEZ HILLS

Dear Mike:

EAST BAY

The Division of Academic Affairs has reviewed the proposal to implement a Master of Science degree program in Geology at California State Polytechnic University, Pomona.

FRESNO

FULLERTON

This program appears on the campus Academic Master Plan, as approved by the California State University Board of Trustees, and you have provided information indicating that adequate faculty, physical facilities, and library holdings sufficient to establish and maintain this program currently exist or that such support can realistically be expected to become available.

HUMBOLDT

LONG BEACH

LOS ANGELES

Upon the recommendation of my staff, I am pleased to grant approval for California State Polytechnic University, Pomona to offer the Master of Science degree program in Geology, effective fall 2011, conditional on the existence of adequate resources. This implementation authorization is valid for five years. If the MS program in Geology is not implemented by 2016, the campus is required to submit to the Chancellor's Office an updated program proposal for review. In accordance with CSU Board of Trustees policy, performance review of this degree program should be scheduled to occur within five years of program implementation. The program has been assigned the CSU degree-program reporting code 19141. The assigned CIP code is 40.0601.

MARITIME ACADEMY

MONTEREY BAY

NORTHRIDGE

POMONA

SACRAMENTO

SAN BERNARDINO

With kind regards,

SAN DIEGO

Sincerely,

SAN FRANCISCO

  
Charles B. Reed  
Chancellor

SAN JOSE

SAN LUIS OBISPO

CBR/clm

SAN MARCOS

c: Dr. Jeronima Echeverria  
Dr. Claudia Pinter-Lucke  
Dr. Marten denBoer

SONOMA

STANISLAUS

**Appendix B. Geological Sciences Department  
Geology MS degree: 2-Year Road Map**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.*

*You should pay attention to these concerns when deviating from this plan.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment	Comment
	GSC 501	3	GSC 4XX/L	4	GSC 5XX/L	4	Year 1 Tuition for Hybrid Program (self+state support)	Year 1 Tuition for fully State Support Program
	GSC 503L	2	GSC 4XX/L	4	GSC 600 Thesis proposal	1		
	GSC5XX/L	4	GSC 4XX/L	4				
	<b>Total Units</b>	<b>9</b>	<b>Total Units</b>	<b>12</b>	<b>Total Units</b>	<b>5</b>		
	<b>State Tuition Cost</b>	<b>\$0</b>	<b>State Tuition Cost</b>	<b>\$2452</b>	<b>State Tuition Cost</b>	<b>\$0</b>		
	<b>CEU Tuition Cost</b>	<b>\$4050</b>	<b>CEU Tuition Cost</b>	<b>\$0</b>	<b>CEU Tuition Cost</b>	<b>\$2450</b>	= <b>\$8952</b>	= <b>\$6326</b>
<b>Total Units for Year</b>						<b>26</b>		

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment	Comment
	GSC 5XX/L	4	GSC 5XX/L	4	GSC 4XX/L	3	Year 2 Tuition for Hybrid Program (self+state support)	Year 2 Tuition for fully State Support Program
	GSC 694 Thesis Research	3	GSC 694 Thesis Research	2	GSC 696 MS Thesis / Defense	3		
	<b>Total Units</b>	<b>7</b>	<b>Total Units</b>	<b>6</b>	<b>Total Units</b>	<b>6</b>		
	<b>State Tuition Cost</b>	<b>\$0</b>	<b>State Tuition Cost</b>	<b>\$0</b>	<b>State Tuition Cost</b>	<b>\$1422</b>		
	<b>CEU Tuition Cost</b>	<b>\$3750</b>	<b>CEU Tuition Cost</b>	<b>\$3100</b>	<b>CEU Tuition Cost</b>	<b>\$1950</b>		
<b>Total Units for Year</b>						<b>19</b>		

<b>Total Units on Plan</b>	<b>45</b>	<b>Total Tuition for MS degree:</b> Hybrid program = <b>\$19,174</b> State-support program = <b>\$11,622</b>
<b>Required Graduate Core and Thesis Units</b>	<b>14</b>	
<b>Technical Elective 500-level Graduate Units (at least 16 units required)</b>	<b>16</b>	
<b>Technical Elective 400-level Graduate Units (up to 15 units allowed)</b>	<b>15</b>	

### Appendix C. Geological Sciences Department Geology MS degree: 3 year Roadmap

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment	
	GSC 501	3	GSC 4XX/L	4	GSC 5XX/L	4	Year 1 Tuition for Hybrid Program (self+state support)	Year 1 Tuition for fully State Support Program
	GSC 503L	2	GSC 4XX/L	2	GSC 600 Thesis proposal	1		
	<b>Total Units</b>	<b>5</b>	<b>Total Units</b>	<b>6</b>	<b>Total Units</b>	<b>5</b>		
	<b>State Tuition Cost</b>	<b>\$0</b>	<b>State Tuition Cost</b>	<b>\$1422</b>	<b>State Tuition Cost</b>	<b>\$0</b>		
	<b>CEU Tuition Cost</b>	<b>\$2250</b>	<b>CEU Tuition Cost</b>	<b>\$0</b>	<b>CEU Tuition Cost</b>	<b>\$2450</b>		
<b>Total Units for Year</b>						<b>16</b>		

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment	
	GSC 5XX/L or	4	GSC 5XX/L or	4	GSC 4XX/L	4	Year 2 Tuition for Hybrid Program (self+state support)	Year 2 Tuition for fully State Support Program
	GSC 694 Thesis Research	2	GSC 694 Thesis Research	2	GSC 694 Thesis Research	1		
	<b>Total Units</b>	<b>6</b>	<b>Total Units</b>	<b>6</b>	<b>Total Units</b>	<b>5</b>		
	<b>State Tuition Cost</b>	<b>\$0</b>	<b>State Tuition Cost</b>	<b>\$0</b>	<b>State Tuition Cost</b>	<b>\$1422</b>		
	<b>CEU Tuition Cost</b>	<b>\$3100</b>	<b>CEU Tuition Cost</b>	<b>\$3100</b>	<b>CEU Tuition Cost</b>	<b>\$650</b>		
<b>Total Units for Year</b>						<b>17</b>		

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment	
	GSC 5XX/L	4	GSC 4XX/L	3			Year 3 Tuition for Hybrid Program (self+state support)	Year 3 Tuition for fully State Support Program
	GSC 4XX/L	2	GSC 696 MS Thesis / Defense	3				
	<b>Total Units</b>	<b>6</b>	<b>Total Units</b>	<b>6</b>	<b>Total Units</b>	<b>0</b>		
	<b>State Tuition Cost</b>	<b>\$1422</b>	<b>State Tuition Cost</b>	<b>\$1422</b>				
	<b>CEU Tuition Cost</b>	<b>\$1800</b>	<b>CEU Tuition Cost</b>	<b>\$1950</b>				
<b>Total Units for Year</b>						<b>12</b>		

<b>Total Units on Plan</b>	<b>45</b>	<b>Total Tuition for MS degree :</b> Hybrid Program = <b>\$24,088</b> State-support Program = <b>\$11,376</b>
<b>Required Graduate Core Units</b>	<b>14</b>	
<b>Technical Elective 500-level Graduate Units (at least 16 units required)</b>	<b>16</b>	
<b>Technical Elective 400-level Graduate Units (up to 15 units allowed)</b>	<b>15</b>	

# Appendix D. Chancellor Guidelines for Blended Programs



Academic Affairs  
401 Golden Shore, 6th Floor  
Long Beach, CA 90802-4210

[www.calstate.edu](http://www.calstate.edu)

Ephraim P. Smith  
Executive Vice Chancellor  
and Chief Academic Officer  
562-951-4710 / Fax 562-951-4986  
Email [esmith@calstate.edu](mailto:esmith@calstate.edu)

January 9, 2012

**Code: AA-2012-01**

## **MEMORANDUM**

TO: Provosts/Vice Presidents, Academic Affairs

FROM: Ephraim P. Smith  
Executive Vice Chancellor and Chief Academic Officer

SUBJECT: “Blended” or “4 + 1” Bachelor’s and Master’s Degree Programs

This coded memorandum establishes systemwide minimum processes and policies pertaining to CSU undergraduate and graduate degree programs offered to students through simultaneous matriculation. Combinations that blend degree and credential programs are excluded, and issues not addressed in this memorandum shall be determined at the campus level.

Campuses are not required to offer blended programs, and the standards included herein are minimum requirements. Campuses wishing to offer blended bachelor’s and master’s programs will need to be aware that timely coordination is required between the academic department and the campus registrar’s office to ensure accurate recording of the student’s transition from undergraduate to graduate status. This will have direct consequences for student fee assessment and financial aid eligibility, as types of aid and award amounts may vary according to the student’s official academic objective. Appropriate state funding to the campus will also depend on accurate recording of student transition in blended programs.

### **1. Authorization to Implement Blended Programs**

The president or designee is authorized to implement programs blending existing baccalaureate and master’s degree programs in the same support mode and for the purposes of providing an accelerated pathway to a master’s degree, and to enhance the undergraduate learning experience. Campuses shall establish, monitor, and maintain appropriate academic rigor and quality.

**CSU Campuses**  
Bakersfield  
Channel Islands  
Chico  
Dominguez Hills  
East Bay

Fresno  
Fullerton  
Humboldt  
Long Beach  
Los Angeles  
Maritime Academy

Monterey Bay  
Northridge  
Pomona  
Sacramento  
San Bernardino  
San Diego

San Francisco  
San José  
San Luis Obispo  
San Marcos  
Sonoma  
Stanislaus

- 1.1 Authority to grant postbaccalaureate and graduate special-action admission is provided under Title 5 section 41001:

An applicant who does not qualify for admission under the provisions of subdivisions (a) or (b), or both such subdivisions, of Section 41000, may be admitted by special action if on the basis of acceptable evidence the applicant is judged by appropriate campus authority to possess sufficient academic, professional and other potential pertinent to the applicant's educational objectives to merit such action.

- 1.2 Blended programs must meet all applicable CSU policies and state and federal laws.

## **2. Reporting**

- 2.1 Blended bachelor's and master's degree programs will continue to use the existing CSU degree program codes (formerly "HEGIS") and Classification of Instructional Programs (CIP) codes for their component undergraduate and graduate degree programs. Unlike concurrent degree programs, new CSU degree codes will not be assigned for the blended bachelor's and master's programs.
- 2.2 To ensure that enrollments are reported accurately, the campus is required to notify Academic Programs and Policy in the Chancellor's Office, signaling an intention to implement the planned blended program. The resultant Chancellor's Office software edits will allow accurate reporting in the CSU Enrollment Reporting System (ERS), without receiving an "error" message.
- 2.3 While students in regular, non-blended, baccalaureate and graduate programs have a *degree objective code* that ranges from digits "2" to "7," students in blended programs have only the digit "9" as their degree objective code.
- 2.4 When a blended-program student has earned at least 120 semester/180 quarter units toward program completion, the campus will change the *student level code* to "5," signifying graduate standing. As these students have yet to attain either a baccalaureate or master's degree, their *degree held code* will remain as either "0" or "1." The term FTE calculation for these students will be: 12 units equals one FTES.

## **3. Application to Blended Programs**

- 3.1 A student must apply to the blended program while in undergraduate status and will be admitted as an undergraduate to the bachelor's component of the blended program.
- 3.2 Students shall not be required to apply formally for graduate admission.

**4. Enrollment and Enrollment Status**

- 4.1 While in undergraduate status, a student in a blended program will take graduate-level courses required for the master's degree.
- 4.2 At the end of the first academic term in which blended-program students have earned at least 120 semester/180 quarter units (the minimum required for the regular baccalaureate major degree program), the campus will change the student-level codes to "5," signifying graduate degree objective status.
- 4.3 Units considered toward meeting this degree-objective status threshold may include either undergraduate or graduate, and shall include only those units that count toward satisfying either the bachelor's or master's requirements in the blended program.
- 4.4 To ensure proper awarding of degree credit, all *lower-division* work (including lower-division general education courses and American Institutions courses) shall be completed prior to changing to graduate degree objective status.

**5. International (F-1 Visa Holder) Students**

A letter must be submitted to the appropriate office on campus to indicate the change of degree status for international students. This requirement is related to the students' need to maintain full-time status, as the number of units required for full-time status is different at the undergraduate level and graduate level.

**6. Tuition Fees**

- 6.1 A student will be assessed the undergraduate State University Tuition Fee only during the time in which the blended-program student has earned fewer than 120 semester/180 quarter units applicable to the blended bachelor's and master's degree programs.
- 6.2 When the *degree-objective status* is changed to "graduate," the student will be assessed the graduate student fee, and may continue to take upper-division undergraduate courses.
- 6.3 Students in a master's degree program that has been authorized to assess the higher graduate professional degree ("MBA Fee") will only be charged that tuition fee for courses required to complete the fee-approved master's degree program.

**7. Minimum Requirements for Completion of Blended Programs**

A minimum of 150 semester units (120 + 30) or 225 quarter units (BS 180 + MS 45) are required in blended programs.

**8. Provision for Completing the Baccalaureate Portion Only**

If a student in a blended program opts not to complete the master's program but does complete the undergraduate degree requirements, undergraduate matriculation shall be re-opened in order to grant the baccalaureate degree. There shall be no related cost to the student nor refund of previous graduate fees paid.

**9. Awarding of Degrees**

Both degrees may be awarded during the same term and at a single graduation ceremony, as authorized by Executive Order 971 ( <http://www.calstate.edu/EO/EO-971.html> ).

Students are evaluated for Latin honors based on the first 120 semester units or 180 quarter units (i.e. the time period of undergraduate degree objective), regardless of the number of graduate courses taken prior to the transition to graduate status.

For questions regarding Enrollment Reporting System coding, please contact Dr. Philip Garcia at (562) 951-4764 or [pgarcia@calstate.edu](mailto:pgarcia@calstate.edu). Admission questions and Common Management System issues may be directed to Mr. Eric Forbes at (562) 951-4744 or [eforbes@calstate.edu](mailto:eforbes@calstate.edu). Financial aid questions should be addressed to Mr. Dean Kulju at (562) 951-4737 or [dkulju@calstate.edu](mailto:dkulju@calstate.edu). Dr. Christine Mallon may be reached at (562) 951-4672 or [cmallon@calstate.edu](mailto:cmallon@calstate.edu) to answer questions related to curriculum.

ES/clm

- c: Dr. Ron Vogel, Associate Vice Chancellor, Academic Affairs  
Dr. James Postma, Chair, Academic Senate, CSU  
Dr. Philip Garcia, Senior Director, Analytic Studies  
Mr. Eric Forbes, Assistant Vice Chancellor, Student Academic Support  
Dr. Marsha Hirano-Nakanishi, Assistant Vice Chancellor, Academic Research and Resources  
Dr. Christine Mallon, State University Dean, Academic Programs and Policy  
Dr. Beverly Young, Assistant Vice Chancellor, Teacher Education and Public School Programs  
Campus Academic Senate Chairs  
Associate Provosts/Associate Vice Presidents, Academic Affairs  
Deans, Graduate Studies  
Directors, Admission and Records

## Appendix E. Proposed Blended Geology BS / MS Major

Geological Sciences Department

Curriculum Year: 2016-2017

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.*

*You should pay attention to these concerns when deviating from this plan.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>GSC 111/141L</b> Major Core	4	<b>GSC 112/151L</b> Major Core	4	<b>GSC 255L</b> Major Core	2	<i>One course must be completed in each of the GE Areas A2-3, C1-3, D2-3, and E.</i>
	<b>GSC 141L</b>	1	<b>GSC 145L</b> Major Core	1	<b>MAT 116</b> Major Support	4	
	<b>ENG 104</b> GE Area A1	4	<b>MAT 115</b> Major Support	4	<b>CHM 121/L</b> GE Area B1,B3	4	
	<b>MAT 114</b> GE Area B4	4	Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E	4	<b>BIO 110/L or BIO 115/A/L</b> Select one course GE Area B2,3	4-5	
	<i>Only 3 classes are recommended in the first quarter</i>		Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E	4			
	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>14-15</b>	
<b>Total Units for Year</b>					<b>44-45</b>		

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>GSC 215/L</b> Major Core	4	<b>GSC 360/L</b> Major Core	4	<b>GSC 307/L</b> Major Core	4	<i>*A list of approved courses in each of the three Emphasis Areas or Tracks is available online (curriculum sheet) or from the department office. Tracks include: "Geology," "Geophysics / Earth Exploration," and "Environmental Resources"</i>	
	<b>GSC 323/L</b> Major Core	4	<b>GSC 300/L</b> Major Core	4	<b>BS Restricted Support Elective*</b> (Course applicable to chosen Emphasis Area)	4		
	<b>GSC 401/L or 411/L</b> Major Core	3	Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E	4	<b>PLS 201</b> GE Area D1a	4		
	<b>CHM 122/122L</b> Major Support	4	<b>CHM 123/L</b> Major Support	4	Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E	4		
	<b>Total Units</b>		<b>15</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>		<b>16</b>
	<b>Total Units for Year</b>					<b>47</b>		



Fall		Units	Winter		Units	Spring		Units	Comment
<b>GSC 333/333L</b> Major Core		4	<b>GSC 410</b> Major Core		2	<b>BS Restricted Support Elective*</b>		4	*A list of approved courses in each of the three Emphasis Areas: (“Geology,” “Geophysics / Earth Exploration,” and “Environmental Resources”) is available online (curriculum sheet) or from the department office.
<b>BS Restricted Support Elective*</b>		4	<b>GSC 350</b> GE synthesis Area B5		4	<b>HST 202</b> GE Area D1b		4	
<b>PHY 131/L or 121/L</b> Major Support		4	<b>PHY 132/L or 122L</b> Major Support		4	<b>PHY 133/L or 123L</b> Major Support		4	
Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E		4	Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E		4	Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E		4	
<i>Take the Graduation Writing Test</i>									
<b>Total Units</b>		<b>16</b>	<b>Total Units</b>		<b>14</b>	<b>Total Units</b>		<b>16</b>	
								<b>Total Units for Year</b>	<b>46</b>

Fall		Units	Winter		Units	Spring		Units	Comment
<b>GSC 501 Advanced Topics in Geosciences</b>		3	<b>BS Restricted Support Elective*</b>		4	<b>BS Restricted Support Elective*</b>		4	One synthesis course must be completed in each of the GE Areas C4 and D4.
<b>GSC XXX</b> Elective Core		2	<b>BS Restricted Support Elective*</b>		2	<b>BS Restricted Support Elective*</b>		4	All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.
<b>BS Restricted Support Elective*</b>		4	<b>GSC XXX</b> Elective Core		4	GE synthesis Any approved course in area C4 or D4		4	*A list of approved courses in each of the three Emphasis Areas: (“Geology,” “Geophysics / Earth Exploration,” and “Environmental Resources”) is available online (curriculum sheet) or from the department office.
Lower Division GE Any approved course in area A2-3, C1-3, D2-3, or E		4	<b>GSC 5XX Graduate Restricted Elective</b>		4	<b>GSC 4XX Graduate Restricted Elective</b>		4	
GE synthesis Any approved course in area C4 or D4		4				<b>GSC 600</b> Thesis Proposal		1	
			<i>Request a graduation check</i>			<i>File an application to graduate</i>			
<b>Total Units</b>		<b>17</b>	<b>Total Units</b>		<b>14</b>	<b>Total Units</b>		<b>17</b>	
								<b>Total Units for Year</b>	<b>48</b>

Year 5	Fall	Units	Winter	Units	Spring	Units	Comment
	BS Restricted Support Elective*	4	GSC 4XX Graduate Restricted Elective	4	GSC 4XX Graduate Restricted Elective	4	*A list of approved courses in each of the three Emphasis Areas: (“Geology,” “Geophysics / Earth Exploration,” and “Environmental Resources”) is available online (curriculum sheet) or from the department office.
	GSC 503L Field Investigations	2	GSC 4XX Graduate Restricted Elective	3	GSC 5XX Graduate Restricted Elective	4	
	GSC 5XX Graduate Restricted Elective	4	GSC 5XX Graduate Restricted Elective	4	GSC 696 Master’s Thesis	3	
	GSC 694 Master’s Thesis Research	3	GSC 694 Master’s Thesis Research	2			
			Request a graduation check		File application to graduate		
	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>11</b>	
					<b>Total Units for Year</b>	<b>41</b>	

<b>Total Units on Plan</b>	<b>225</b>
<b>BS Major Core Units</b>	<b>47-49</b>
<b>BS Major Support Units (Includes Restricted Electives for Emphasis Area; excludes double counted GE)</b>	<b>62-63</b>
<b>General Education Units (includes double counted support courses)</b>	<b>68</b>
<b>Geology MS Graduate Units</b>	<b>45</b>
<b>Unrestricted Elective Units</b>	<b>0-3</b>