7.1a-g. Over 80% of the syllabi within two of the Schools (Social Sciences, Humanities & Arts and Natural Sciences) include student learning outcomes (SLOs). Of the 30 programs in all three Schools, 83% have assessment plans, 77% have curriculum maps, 90% identified program learning outcomes (PLOs), and 87% submitted Faculty Accreditation Reports.

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Table 7.1a: Inventory of Educational Effectiveness Indicators

School of Social Sciences, Humanities and Arts: Program and Degree		Anthropology, B.A.^* & Minor	Cognitive Sciences, B.A. & Minor	Economics, B.A. & Minor	History, B.A. & Minor	Literatures & Cultures, B.A. & Minor	Management, B.A. & Minor	Political Science, B.A.	Psychology, B.A. & Minor
1. Are Program Learning Outcomes (PLOs) developed? D= Developed UD= Under Development UR= Under Revision		D	D	D	D	D	D	D	D
2. Where publish Program Learning Outcomes?	All Course Syllabi	X						X	
	Some Course Syllabi		X						
	Catalog	X	X	**X**	X	X	X	X	X
	Program Website	X	X	**X**	X	X	X	X	X
	School Website	X	X	**X**	X	X	X	X	**X**
3. Other than GPA, what data/evidence is used to determnine that graduates have achieved stated program learning outcomes?	Senior Project				X	X			
	Embedded Questions		X			X		X	
	Comprehensive Assessment Exam								X
	Portfolio Review	X				X			
	Student Survey	X	X					X	X
	Alumni Survey	X							
	Student Focus Group							X	
	Placement Rates	X							
	Other _____		Essay & oral presentation		Other short papers and projects, analytical papers and projects, exams, internship project, reports, presentations	Reflective essay		Assessment of research papers	

^ Pending WASC substantive change approval.

*Items pertaining to questions 2-5 will be phased in over a 3-year period. Details are described in the Anthropology Program's FAO Report.

** Not Applicable as a new institution.

*** See Faculty Accreditation Reports for program specific processes.

UCMERCED

Table 7.1a: Inventory of Educational Effectiveness Indicators

School of Social Sciences, Humanities and Arts: Program and Degree		Anthropology, B.A.^* & Minor	Cognitive Sciences, B.A. & Minor	Economics, B.A. & Minor	History, B.A. & Minor	Literatures & Cultures, B.A. & Minor	Management, B.A. & Minor	Political Science, B.A.	Psychology, B.A. & Minor
4. Who interprets the evidence/data? What is the process?***	Some Faculty		X		X				
	Program - Entire Faculty	X						X	X
	Program Assessment Committee					X		X	
	Program Chair/Head								X
	School Staff		X						
5. How are findings used?	Improve Assessment Process	X	X		X	X		X	X
	Improve Curriculum	X	X		X	X		X	X
	Examine Curriculum Content	X	X		X	X		X	X
	Examine Skill Development	X			X	X		X	X
	Change Pedagogy	X	X		X			X	X
	Stimulate Faculty Discussion	X	X		X	X		X	X
	Re-examine PLOs	X	X		X	X		X	X
6. Date of last program review		NA**	NA		NA	NA		NA	NA

^ Pending WASC substantive change approval.

*Items pertaining to questions 2-5 will be phased in over a 3-year period. Details are described in the Anthropology Program's FAO Report.

** Not Applicable as a new institution.

*** See Faculty Accreditation Reports for program specific processes.

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Table 7.1b: Inventory of Educational Effectiveness Indicators

School of Social Sciences, Humanities and Arts: Stand Alone Minors		American Studies Minor	Media Arts Minor	Global Arts Studies Minor	Philosophy Minor	Service Science Minor	Spanish Minor	Sociology Minor	Writing Minor
1. Are Program Learning Outcomes (PLOs) developed? D= Developed UD= Under Development UR= Under Revision		UD	D	D	D	UD	D	D	D
2. Where publish Program Learning Outcomes?	All Course Syllabi			X				X	X
	Some Course Syllabi								
	Catalog		X	X	X		X	X	
	Program Website		X	X	X		X	X	X
	School Website		X	X	X		X	X	X
3. Other than GPA, what data/evidence is used to determnine that graduates have achieved stated program learning outcomes?	Capstone Courses			X					X
	Embedded Questions		X					X	
	Portfolio Review						X		X
	Student Survey						X		X
	Alumni Survey							X	
	Student Interviews						X		
	Student Focus Group								X
	Other _____			Senior Project; Exhibit	Statistics and/or comments based upon course requirements			Student presentations	

* Not Applicable as a new institution.

** See Faculty Accreditation Reports for program specific processes.

UCMERCED

Table 7.1b: Inventory of Educational Effectiveness Indicators

School of Social Sciences, Humanities and Arts: Stand Alone Minors		American Studies Minor	Media Arts Minor	Global Arts Studies Minor	Philosophy Minor	Service Science Minor	Spanish Minor	Sociology Minor	Writing Minor
4. Who interprets the evidence/data? What is the process?**	Some Faculty		X				X		
	Program - Entire Faculty			X	X		X	X	X
	Program Curriculum Committee								X
	Program Chair/Head								X
5. How are findings used?	Improve Assessment Process		X				X	X	X
	Improve Curriculum		X	X			X	X	X
	Examine Curriculum Content		X		X		X	X	X
	Examine Skill Development		X		X		X	X	X
	Change Pedagogy		X		X		X	X	X
	Stimulate Faculty Discussion		X	X			X	X	X
	Re-examine PLOs		X				X	X	X
6. Date of last program review*		NA	NA	NA	NA	NA	NA	NA	NA

* Not Applicable as a new institution.

** See Faculty Accreditation Reports for program specific processes.

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Table 7.1c: Inventory of Educational Effectiveness Indicators

School of Natural Sciences: Program and Degree		Biology, B.S.	Chemical Sciences, B.S.	Earth Systems Science, B.S.	Applied Mathematical Sciences, B.S. & Minor	Physics, B.S. & Minor	Natural Sciences Education Minor
1. Are Program Learning Outcomes (PLOs) developed? D= Developed UD= Under Development UR= Under Revision		D	D	D	D	D	D
	Some Course Syllabi			X			X
	Catalog	X	X	X	X	X	
	Program Website	X	X	X	X	X	X
	Other_____			Advising Checklists	Documents for lecturers and T.A.s (handbooks, packets, etc.), slides during recruitment and orientation.		Documents for lecturers and T.A.s (handbooks, packets, etc.), slides during recruitment and orientation.
3. Other than GPA, what data/evidence is used to determnine that graduates have achieved stated program learning outcomes?	Capstone Courses			X	X		X
	Senior Project		X			X	
	Exhibit		X				
	Embedded Questions	X	X		X		X
	Student Survey		X	X	X	X	X
	Alumni Survey			X	X	X	X
	Student Interviews			X		X	X
	Case Study						X
	Placement Rates			X			
	Grad Thesis					X	
	Other _____	Lab reports	GRE scores			Independent assessment of final exams in core courses	

* Not Applicable as a new institution.

** See Faculty Accreditation Reports for program specific processes.

UCMERCED

Table 7.1c: Inventory of Educational Effectiveness Indicators

School of Natural Sciences: Program and Degree		Biology, B.S.	Chemical Sciences, B.S.	Earth Systems Science, B.S.	Applied Mathematical Sciences, B.S. & Minor	Physics, B.S. & Minor	Natural Sciences Education Minor
4. Who interprets the evidence/data? What is the process?**	Some Faculty	X					X
	Program - Entire Faculty		X	X	X	X	
	Program Curriculum Committee	X		X			
	Program Chair/Head		X		X		X
	School Curriculum Committee		X	X			
	School Staff	X				X	
	School Administrator(s)		X				X
	Undergraduate Council, Acad Senate		X				
5. How are findings used?	Improve Assessment Process	X	X	X	X	X	X
	Improve Curriculum	X	X	X	X	X	X
	Examine Curriculum Content	X	X	X	X	X	X
	Examine Skill Development		X	X	X	X	X
	Change Pedagogy		X	X		X	
	Stimulate Faculty Discussion	X	X	X	X	X	X
	Re-examine PLOs	X		**X**		X	
	Other _____		Change course instructors				
6. Date of last program review*		NA	NA	**NA**	NA	NA	NA

* Not Applicable as a new institution.

** See Faculty Accreditation Reports for program specific processes.

UCMERCED

Table 7.1d: Inventory of Educational Effectiveness Indicators

School of Engineering: Program & Degree		Bioengineering, B.S.	Computer Science & Engineering, B.S.	Environmental Engineering, B.S.	Materials Science & Engineering, B.S.	Mechanical Engineering, B.S.
1. Are Program Learning Outcomes (PLOs) developed? D= Developed UD= Under Development UR= Under Revision		D	D	D	D	D
2. Where publish Program Learning Outcomes?	All Course Syllabi	X	X			X
	Some Course Syllabi			X	X	
	Catalog	X	X	X	X	X
	Program Website	X	X	X	X	X
3. Other than GPA, what data/evidence is used to determnine that graduates have achieved stated program learning outcomes?	Capstone Courses	X	X	X	X	
	Embedded Questions	X			X	
	Portfolio Review					X
	Student Survey	X		X	X	X
	Alumni Survey	X	X	X	X	
	Employer Survey		X			
	Other _____		Extracurricular activities	Feedback from advisory boards		Faculty- Program and University Advisory Boards meetings; Course Evaluations

* Not Applicable as a new institution.

** See Faculty Accreditation Reports for program specific processes.

UCMERCED

Table 7.1d: Inventory of Educational Effectiveness Indicators

School of Engineering: Program & Degree		Bioengineering, B.S.	Computer Science & Engineering, B.S.	Environmental Engineering, B.S.	Materials Science & Engineering, B.S.	Mechanical Engineering, B.S.
4. Who interprets the evidence/data? What is the process?**	Some Faculty					
	Program - Entire Faculty	X	X	X	X	X
	Program Assessment Committee					
	Program Curriculum Committee					
	Program Chair/Head					
	School Curriculum Committee			X		
	School Staff					
	School Administrator(s)					
	Undergraduate Council, Acad Senate					
	University Administrator(s)					
	Other _____	Center for Research on Teaching Excellence; Institutional Planning & Analysis			Center for Research on Teaching Excellence; Institutional Planning & Analysis	
5. How are findings used?	Improve Assessment Process		X		X	
	Improve Curriculum	X	X	X	X	X
	Examine Curriculum Content	X	X	X	X	X
	Examine Skill Development		X	X	X	X
	Change Pedagogy		X		X	
	Stimulate Faculty Discussion				X	
	Re-examine PLOs			X		
6. Date of last program review*		NA	NA	**NA**	NA	NA

* Not Applicable as a new institution.

** See Faculty Accreditation Reports for program specific processes.

UCMERCED

Table 7.1e: Inventory of Educational Effectiveness Indicators			
Graduate Programs		Environmental Systems, M.S. & Ph.D.	Interim Individual Graduate Program*
1. Are Program Learning Outcomes (PLOs) developed? D= Developed UD= Under Development UR= Under Revision		D	UD
2. Where publish Program Learning Outcomes?	All Course Syllabi	X	
	Some Course Syllabi	X	
	Catalog	X	
	Program Website	X	
	Other_____	Appendix to ES Policy and Procedures	
3. Other than GPA, what data/evidence is used to determnine that graduates have achieved stated program learning outcomes?	Capstone Courses		
	Exhibit		
	Embedded Questions		
	Comprehensive Assessment Exam		
	Portfolio Review	X	
	Student Survey	X	
	Alumni Survey	X	
	Employer Survey	X	
	Licensure Exam		
	Student Focus Group		
	Student Interviews	X	
	Placement Rates	X	
	Dissertation	X	
	Thesis	X	
	Other _____	Community Client Survey	

*Umbrella program for 8 graduate groups. See CFRs 1.2, 2.2 and associated appendices.

**Not Applicable; these 8 programs will be reviewed by the system-wide Coordinating Committee on Graduate Affairs upon application for program status (CFR 2.2).

*** See Faculty Accreditation Reports for program specific processes.

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Table 7.1e: Inventory of Educational Effectiveness Indicators

Graduate Programs		Environmental Systems, M.S. & Ph.D.	Interim Individual Graduate Program*
4. Who interprets the evidence/data? What is the process?***	Some Faculty		
	Program - Entire Faculty	X	
	Program Advising Committee	X	
	Program Curriculum Committee	X	
	Program Chair/Head	X	
	School Curriculum Committee	X	
	School Staff	X	
	School Administrator(s)	X	
	Graduate and Research Council	X	
	University Administrator(s)		
	Other _____	External Evaluation Committee	
5. How are findings used?	Improve Assessment Process	X	
	Improve Curriculum	X	
	Examine Curriculum Content	X	
	Examine Skill Development	X	
	Change Pedagogy	X	
	Stimulate Faculty Discussion	X	
	Re-examine PLOs	X	
	Other _____		
6. Date of last program review		2007	NA**

*Umbrella program for 8 graduate groups. See CFRs 1.2, 2.2 and associated appendices.

**Not Applicable; these 8 programs will be reviewed by the system-wide Coordinating Committee on Graduate Affairs upon application for program status (CFR 2.2).
*** See Faculty Accreditation Reports for program specific processes.

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Table 7.1f: Inventory of Educational Effectiveness Indicators

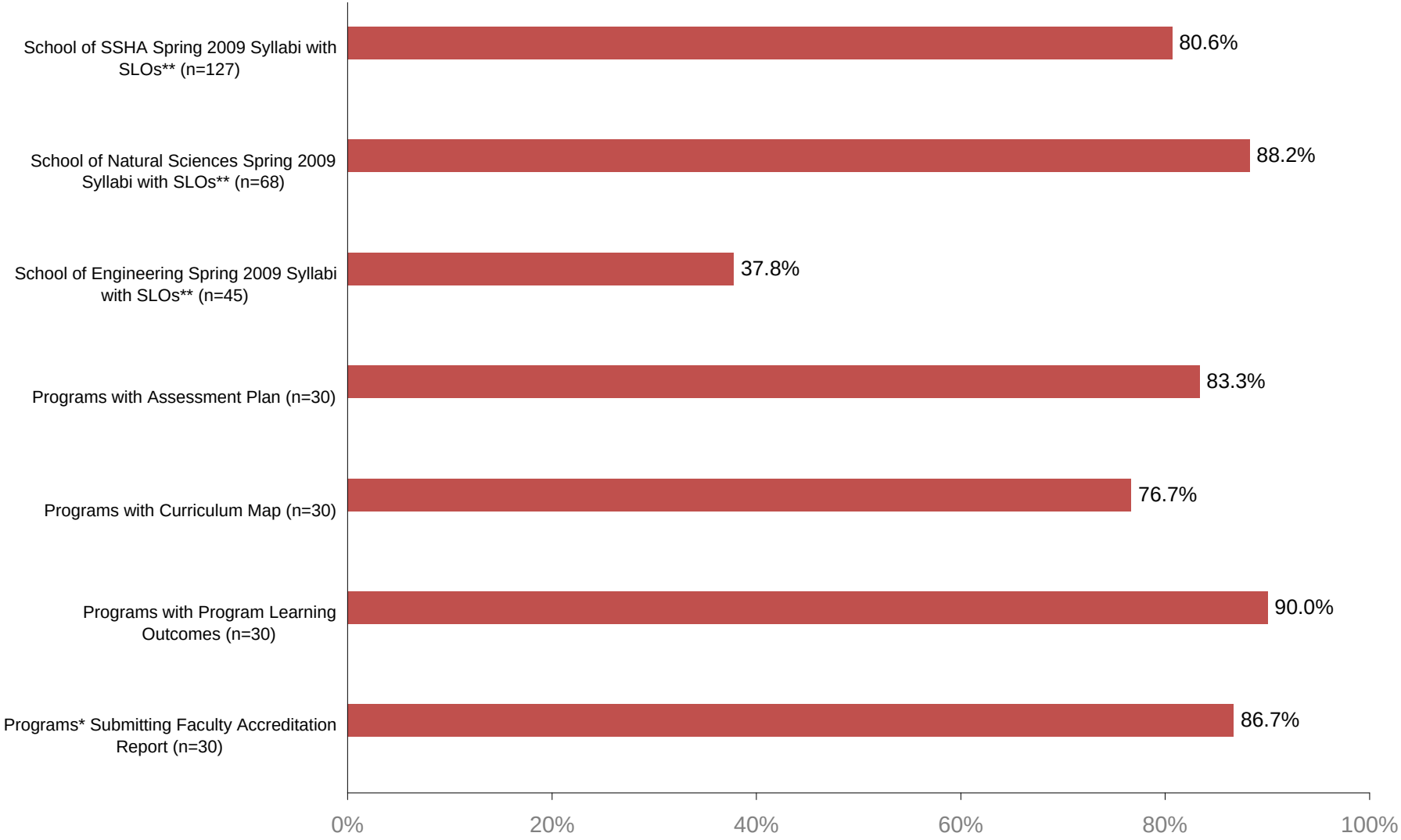
General Education		Lower Division: Core 1	Upper Division: Core 100*
1. Are Program Learning Outcomes (PLOs) developed? D= Developed UD= Under Development UR= Under Revision		D	D
2. Where publish Program Learning Outcomes?	All Course Syllabi	X	X
	Catalog	X	X
	Program Website	X	X
3. Other than GPA, what data/evidence is used to determnine that graduates have achieved stated program learning outcomes?	Exhibit		X
	Embedded Questions	X	X
	Portfolio Review		X
	Student Survey	X	X
4. Who interprets the evidence/data? What is the process?***	Some Faculty	X	X
	Program - Entire Faculty		
	Program Assessment Committee		
	Program Curriculum Committee	X	X
	Program Chair/Head	X	X
5. How are findings used?	Improve Assessment Process	X	X
	Improve Curriculum	X	X
	Examine Curriculum Content	X	X
	Examine Skill Development	X	X
	Change Pedagogy	X	X
	Stimulate Faculty Discussion	X	X
	Re-examine PLOs	X	X
	Other _____		
6. Date of last program review**		NA	NA

*Currently filled by equivalent writing courses; see GE FAO report.

**Not applicable as a new institution.

*** See Faculty Accreditation Reports for program specific processes.

Educational Effectiveness Summary Chart



* Majors, Stand Alone Minors, Graduate Programs and General Education (n=30).
** Undergraduate and Graduate; Student Learning Outcomes (SLOs)