

List of Academic Programs for MCECS (18)

Academic Program Prioritization Committee (<http://pdxappc.blogspot.com>)

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This document presents a list of PSU programs as input for the Academic Program Prioritization (APP) process at PSU. The details shown here may undergo significant updates in response to feedback from the campus community, particularly faculty and program administrators.

Each box in the following list represents a collection of one or more activities that, in this initial proposal, would be treated as a single academic program. The columns in each box include a the name of each component of the program as well as code whose suffix distinguishes between bachelor's degrees (:B), minors (:m), certificates (:C), master's degrees (:M), graduate certificates (:G), and doctoral degrees (:D). The table entries also show the numbers of students who received the corresponding credential in each of the six academic years from 2008-14. Blank entries correspond to years in which a program had no graduates. It is important to recognize that these blank entries should not be taken as a direct indicator of program health. For example, blank entries can be expected from programs that have only recently been added to the catalog and have not yet produced any graduates. In other cases, blank entries may signal changes in the coding of courses over the six year period 2008-14.

Program Components:			08-	09-	10-	11-	12-	13-
Civil Engineering	Civil Engineering	CE:BS:B	41	49	75	50	48	46
Civil Engineering	Environmental Engineering (BS)	ENVE:BS:B	2	2	12	4	11	21
Civil & Environmental Engineering	Engineering: Environmental	MENE—:m						
Totals:			43	51	87	54	59	67

Program Components:			08-	09-	10-	11-	12-	13-
Civil Engineering	Civil & Environmental Engr	CEEV:MENG:M	7	10	13	23	21	12
Civil Engineering	Civil & Environmental Engr	:MS:M	11	12	16	15	17	17
Civil Engineering	Grad Cert: Transportation	GCTR:CRTGR:G		2	5	2	3	4
Totals:			18	24	34	40	41	33

Program Components:			08-	09-	10-	11-	12-	13-
Civil Engineering	Civil & Environmental Engr	CEEV:PHD:D	1				1	3
Totals:			1				1	3

Program Components:			08-	09-	10-	11-	12-	13-
Computer Science	Computer Science	CS:BS:B	47	49	47	59	67	69
Computer Science	Biomedical Informatics 3+2	BMI—:BS:B						
Computer Science	Computer Science Minor	MSC:m	1	2	4	2	5	4
Totals:			48	51	51	61	72	73

Program Components:			08-	09-	10-	11-	12-	13-
Computer Science	Computer Science	CS:MS:M	33	33	46	33	35	31
Computer Science	Comm Systems	GCCS:CRTGR:G					1	
Computer Science	Comp Arch & Design	GCCA:CRTGR:G	1					
Computer Science	Computer Security Grad Cert	GCCC:CRTGR:G	3	2	1	1	1	
Totals:			37	35	47	34	37	31

Program Components:			08-	09-	10-	11-	12-	13-
Computer Science	Computer Science	CS:PHD:D	5	2	3	7	3	5
Totals:			5	2	3	7	3	5

Program Components:			08-	09-	10-	11-	12-	13-
Elect and Computer Engineer	Electrical Engineering	EE:BS:B	49	38	70	59	52	60
Elect and Computer Engineer	Electrical Engineering Minor	MEE:m		2	1	1	3	
Totals:			49	40	71	60	55	60

Program Components:			08-	09-	10-	11-	12-	13-
Elect and Computer Engineer	Computer Engineering	CMPE:BS:B	10	12	9	17	8	19
Totals:			10	12	9	17	8	19

Program Components:			08-	09-	10-	11-	12-	13-
Elect and Computer Engineer	Elec & Computer Eng	ECE:MENG:M	31	26	57	57	21	2
Elect and Computer Engineer	Elec & Computer Eng	:MS:M	18	22	24	21	63	91
Elect and Computer Engineer	Energy Systems Grad Cert	GCEN:CRTGR:G		1				
Elect and Computer Engineer	Integ Cir Test / Valid	GCCT:CRTGR:G				1		
Elect and Computer Engineer	An / Micro Circ Dsgn	GCCD:CRTGR:G				1		
Elect and Computer Engineer	Design Automation	GCDA:CRTGR:G	1					
Totals:			50	49	81	80	84	93

Program Components:			08-	09-	10-	11-	12-	13-
Elect and Computer Engineer	Elec & Computer Eng	ECE:PHD:D	5	6	6	1	5	
Totals:			5	6	6	1	5	

Program Components:			08-	09-	10-	11-	12-	13-
Engineering Management	Engineering & Tech Mgmt (MS)	ETM:MS:M	39	60	43	36	34	27
Engineering Management	Engineering Mgmt	:MS:M	12					
Engineering Management	Engr Mgmt: Project Mgmt	EMPM:MENG:M	1	1	3	2		
Engineering Management	Engr Mgmt: Technology Mgmt	EMTM— :MENG:M	1			1		
Engineering Management	Manufacturing Engr	MFGE—:MS:M						
Engineering Management	New Product Devel Grad Cert	GCPD:CRTGR:G		6	6	7		
Engineering Management	New Product Development Mgmt	:CRTGR:G				5	14	8
Engineering Management	Project Management	GCPR:CRTGR:G						1
Engineering Management	Strategic Mgmt of Technology	GCSM:CRTGR:G				1	3	2
Engineering Management	Technological Entrepreneurship	GCTE:CRTGR:G					1	
Engineering Management	Technology Management	GCTM:CRTGR:G					2	6
Totals:			53	67	52	52	54	44

Program Components:			08-	09-	10-	11-	12-	13-
Engineering Management	Tech Mgmt PhD	TECD:PHD:D	1			2	9	5
Totals:			1			2	9	5

Program Components:			08-	09-	10-	11-	12-	13-
Engr & Applied Sci	Software Engineering	SOE:MSE:M	11	9	10	9	12	4
Engr & Applied Sci	Software Engr Grad Cert	GCSO:CRTGR:G	3	1	3	26	4	1
Totals:			14	10	13	35	16	5

Program Components:			08-	09-	10-	11-	12-	13-
Mechanical Engineer	Mechanical Engineering	ME:BS:B	37	47	51	63	59	65
Totals:			37	47	51	63	59	65

Program Components:			08-	09-	10-	11-	12-	13-
Mechanical Engineer	Materials Sci & Engr (MS)	MSE:MS:M	1	3	2		1	2
Totals:			1	3	2		1	2

Program Components:			08-	09-	10-	11-	12-	13-
Mechanical Engineer	Mechanical Engineering	ME:MENG:M	2	1	2	2	5	5
Mechanical Engineer	Mechanical Engineering	:MS:M	10	8	13	14	11	14
Totals:			12	9	15	16	16	19

Program Components:			08-	09-	10-	11-	12-	13-
Mechanical Engineer	Mechanical Engineering (PhD)	MECD:PHD:D		1				
Totals:				1				

Program Components:			08-	09-	10-	11-	12-	13-
Systems Engineering	Systems Engineering (MEng)	SYSE:MENG:M	3	2	8	4	1	5
Systems Engineering	System Engineering Fund Cert	GCSE:CRTGR:G			7	3	1	3
Totals:			3	2	15	7	2	8