

Statement regarding EMBS at less than 50% of SLOAC achievement:

Currently, the EMBS program is at 37.5% achievement of SLOAC (9 of 24 courses)

The Energy Management and Building Science program rewrote 100% of its current curriculum in the 2015-2016 curriculum cycle. The purpose was to upgrade the curriculum at the direction of our advisory committee, remove duplication in course content, strengthen the SLOs that were previously written, and add new classes to the program to differentiate our students with employers who were hiring.

This new curriculum was effective during the Fall 2016 Quarter. Some of these new courses were offered for the very first time last year. Not every one of these courses have been offered thus SLOs haven't been assessed for each course. Some scheduled classes were canceled over the past 4-5 quarters due to low enrollment.

During the 2016-2017 Curriculum cycle, and in an effort to streamline the number of courses offered and improve the number of program completers, the EMBS program reduced the number of courses in the program from 24 to 17 by combining courses and increasing unit counts. This change will be effective in the Fall 2018 quarter.

Seven of our current courses in TracDat will be canceled next academic year. We have elected to only schedule classes we know students need to obtain a certificate or degree this year. We have decided not to schedule the remaining classes as they will be canceled next year.

Below is a list of the current EMBS courses as they currently appear in TracDat. Of the courses that will remain after this academic year, we project to be at 68.7% SLOAC of by the end of the Fall 2017 quarter and 100% by the end of the 2016-2017 academic year.

Course #	Course Description	SLOAC / YES	SLOAC /No	Comments
ES 4	<i>Energy, the Environment and Society</i>			New Course Fall 2018
ES 58	<i>Intro to Green Building</i>		X	Will Complete Fall 2017; Instructor resigned Spring 2017
ES 69	<i>Energy Reliability and Your Organization</i>		X	Will Complete Spring 2018
ES 69 A	<i>Intro to Facilities Management</i>		X	Will Complete Fall 2017; 1st time offered Fall 2017
ES 70	<i>Intro to Energy Mgmt Technology</i>		X	Will Complete Winter 2018
ES 70B	<i>Advanced Energy Technology</i>	X		
ES 71	<i>Thje Building Envelope</i>		X	Will Complete Spring 2018
ES 71B	<i>Advanced Building Envelope</i>	X		
ES 72	<i>Heating Ventilating and Air Conditioning</i>		X	Course deletion memo Spring 2017
ES 72B	<i>Advanced HVAC</i>	X		Course deletion memo Spring 2017
ES 73	<i>Electric Motors and Drives</i>		X	Course deletion memo Spring 2017
ES 74	<i>Lighting Distribution Systems</i>		X	Course deletion memo Spring 2017
ES 74B	<i>Advanced Lighting Distribution Systems</i>	X		Course deletion memo Spring 2017
ES 75	<i>Electric Power Systems</i>	X		Course deletion memo Spring 2017
ES 75B	<i>Advanced Electric Power Systems</i>		X	Course deletion memo Spring 2017
ES 76	<i>Energy Star Products</i>	X		
ES 76A	<i>Solar Thermal Systems</i>	X		
ES 78	<i>Energy Management Systems and Controls</i>		X	Will Complete Fall 2017
ES 78B	<i>Advanced Energy Mgmt Systems/Controls</i>	X		
ES 79	<i>Renewable and Alternative Energy Systems</i>		X	Will Complete Fall 2017
ES 81	<i>LEED/ Building Codes</i>		X	Will Complete Fall 2017; 1st time offered Fall 2017
ES 82	<i>Program Management Report Writing</i>	X		
ES 83	<i>Energy Management ROI</i>		X	Will Complete Spring 2018
ES 84	<i>Solar Design and Installation</i>		X	Will Complete Winter 2018
ESCI 61	<i>Intro to PV Systems</i>		X	Course deletion memo Spring 2017
		SLOAC/Yes	SLOAC/ No	
	<i>Summer 2017</i>	6	10	
	<i>After Fall 2017</i>	11	5	
	<i>After Winter 2018</i>	13	3	
	<i>After Spring 2018</i>	16	0	