

NCSEA Basic Education Survey Curriculum Results - Part 2

In our last issue (May 2010), we presented the results of NCSEA's latest survey of educational institutions on which schools offer courses in the proposed educational program, *The Basic Structural Education*. In this issue, we provide a detailed listing of courses offered by each institution responding to the survey.

To review *The Basic Structural Education* outline, please visit the STRUCTURE magazine website (**www.STRUCTUREmag.org**).

The following is the list of schools which responded to the latest survey.

This table denotes how many classes each school offers for each subject of the recommended curriculum.

A "+ #" would signify that the school requires that number of additional class(es) at the Masters level, or offers that number of additional class(es) as an elective. Schools which are in bold type have the complete recommended curriculum. "*" responses indicate an unchanged program from the 2004/05 survey.

	Recommended Curriculum Analysis Matrix Steel Concrete Timber Masonry Dynamic Foundation Technic														Cu	rric	ulu										
	Analysis 2 Courses Recommended				∧atri etho			Steel esig	n		oncre Jesig			imbe esig			asor esig		Dynamic			Foundation – Soils			Te W	chnic Vritin	cal ng
				1 Course Recommended				2 Courses Recommended			Course mmer	es ided	1 Course Recommended			1 Reco	Cours mme	se nded	1 Course Recommended			1 Course Recommended			1 Reco	se nded	
School	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective
Auburn University	2		1			1		1	+1		1	+2			1			1	1		+1	1	1	+3	1		+1
Blue Mountain Community College*	Unchanged program from 2004-2005 survey																										
Brown University	.5			.5			.5			.5			Nor	ne off	ered	None offered			.25	.75		1			Nor	ne off	ered
Bucknell University	2					1			1			2	Non	ne offe	ered	None offered					1			1	1		
California Polytechnic University – S.L.O.*	Unchanged program from 2004-2005 survey																										
California State University – Fresno	2	+2	+2		1		2			2					1			1		1	+1	1	+1	+1	1		
California State University – Sacramento	2		+1		1	+2			3			3			1			1			1	1		+3	1		
Clemson University	2				1		1	1		1	1			1				1		1				1	1		
Cornell	1	1		1	1		1		1	1		3			1	Non	e off	ered			1	1			1		
Florida Institute of Technology	2				1	+1	1	2		1			1			Non	e off	ered		1		1	1		1		
Georgia Institute of Technology	1	+1				1		1	+1		1	+3			1			1			2			4			1
George Washington University	2		+2	2	+1	+1	1	1		1	1	+2	Nor	ne offe	ered	Non	e off	ered		1	+2	3	+1	+3	1		
Gonzaga University	2	+1				1	1			1					1			1	1		+1	2		+1	1		
Hofstra University			1	No	ne off	ered			1	Nor	ne offe	ered	Non	ne offe	ered			1	Non	ne offe	ered	$oxed{oxed}$		1			1
Howard University	1	+1				1	1	+1	+1	1	+1		Nor	ne off	ered	Non	e off	ered	Non	ne offe	ered	2	+1		1		
Illinois Institute of Technology	2					1	2			2		+1			1			1			2	1			2		
Lawrence Technological University*										Unc	hange	ed pro	gram	fron	n 200	4-200)5 su	rvey									
Miami University	1			No	ne off	ered		1			1							Non	e offe	ered	No	ne off	ered	Not	ne off	ered	
Michigan State University	1		+1			2			2			2	Nor	ne off	ered	Non	e off	ered			1			1	1		
Michigan Technological University	1	+1			2	1	.5	.5	+2	.5	2	+2			.5			.5		1		1	1	+2			1
Milwaukee School of Engineering*										Unc	hange	ed pro	ogram	fron	n 200	4-200)5 su	rvey									
Missouri Western State University	1			No	ne off	ered	1			1			.5			.5	.5			None offered					1		
Montana State University	2					1	1	+2		2	+1				1			1			1	2	+1		1		



										Re	COI	nm	enc	led	Cu	ırrio	culu	m									
	A	naly	sis	M M	∧atri etho	x ds		Steel Desig		Co	oncre Desig	ete	Ţi	imbe esig	er	М	lasor Desig	ıry	Dy	/nam	nic	Fo	unda - Soi	tion Is		chnic Vritin	
	2 Courses Recommended			1 Course Recommended				Course ommer			Course mmer			Cours mme		l Rec	Cour omme	se nded	1 Course Recommended			1 Course Recommended				Cours ommer	
School	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective
New Mexico State University	3		+1		1		1	+1		1	+1				1			1		1		1			1		
Northeastern University	2					1			2	1		+2	Nor	ne off	ered	No	ne off	ered		1	+1	1		+3	1		
Northern Arizona University	1		+1			1			1	1					1			1	1			2			1		
North Carolina State University		1	+3		2	+2			3			4			1			1		1	+2			9			1
Ohio Northern University*		Unchanged program from 2004-2005 survey 1 +1 1 3 1 +3 None offered None offered 1 1 1 +1 1																									
Ohio State University	1		+1			1			3	1		+3	Nor	ne off	ered	No	ne off	ered			1	1		+1	1		
Ohio University	1			1			1			1			1			1			1			1			1		
Oklahoma State University – Architectural Engineering	2			1	+1		2	+1		2	+1		1					1	1			2					1
Oklahoma State University – Civil Engineering	1		+6		1		1	+1		1	+2				1			1			1	1	+2		1		
Oregon State University	2				1		1	+1		1	+1		1					1		2		2		+1	2		
Portland State University	2		+2			1	1		+2	1		+3			1			1			3	2		+3	1		
Purdue University	2			1			1	1	+1	1	1	+2			.5			.5	1	1		2		+1	1		
Rensselaer	1	2				2			2			2	Nor	ne off	ered	No	ne off	ered			2			2	2		
Rochester Institute of Technology	2			No	ne off	ered	1.5			1.5					1	No	ne off	ered	1			1			1		
Rose Hulman Institute of Technology	2		+2			2	1		+2	1		+2			2			1	1		+1	1		+2	2		
Saint Martin's University	1		1			1	1		1	1		1			1			1			1	1		1	1		
San Francisco State University	1			No	ne off	ered	1		1	1		1	1			No	ne off	ered		1		1			1		
Santa Clara University*										Unc	hange	ed pro	gram	fror	n 200)4-20	05 st	ırvey									
South Dakota State University	1		+4		1		1	1	+1	1	1	+3		1			1			1		1		+4	1		
Southern Methodist University	3				1		.5	+1		.5	+2		Nor	ne off	ered	No	ne off	ered	1		+2	1		+2	1		
Stevens Institute of Technology	2		+1	1		+1	2		+1	1		+2	Nor	ne off	ered	No	ne off	ered			3	1		+2	2		
Syracuse University	2	+1	+3		1	+2		1	+1	1	2	+1			1	_		1		1	+2	2	+2	+1	1		
Texas A&M University – College Station	3		+2			1	1		+2	1		+2	Nor	ne off	ered	No	ne off	ered	1	+1	+3	1		+8	1		
Texas A&M University – Kingsville	3			1	+1		1	+1		1	+2				1			1	1	+1		2			1		
Texas Tech	1		+1			2	1		+2	2					1			1			2	1		+7	1		
The Citadel*										Unc	hange	ed pro	gram	fror	n 200)4-20	005 st	ırvey									
Tri-State University*										Unc	hange	ed pro	Ť		_	_											
Tufts University	1	+1			1		1	1		1	1		Nor	ne off	ered	No	ne off	ered		1		1	1				1
University at Buffalo (SUNY)	2	+1		_	2		1	+1		1	+1			1			_	1		2	+2	1	+1		1		
University of Alabama – Birmingham	1		+1			1	1		+1	1		+1			1			1			1			1	1		
University of Alaska – Anchorage	1		+1	No	ne off	ered	1			1					1	No	ne off	ered			1	2			1		
University of Arkansas	2					1	1	+1		1	+4				1			1			1	2			1		

										Re	eCOI	nm	enc	led	Cu	ırric	culu	m										
	Α	naly	sis		∧atri etho			Stee esig		Co	oncre lesig	ete	Ţi	imbe esig	er	Masonry Design			Dynamic			Foundation - Soils			Technical Writing			
	2 Courses Recommended			1 Course Recommended			Reco	2 Courses Recommended			2 Courses Recommended			1 Course Recommended														
School	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	Required for a Bachelors Degree	Required for a Masters Degree	Offered as an Elective	
University of California – San Diego	2					1	1	+1		2	+1				1			1			2			2	No	ne off	ered	
University of Cincinnati	3			1	+1		1.5	+2	+1	1.5	+2	+1			1			1	1	+1	+1	2		+2	1			
University of Dayton*	Unchanged program from 2004-2005 survey 1 1 1 None offered 1 1 None offered																											
University of Evansville	1					1	1			1					1	Nor	ne off	ered			1	1			No	ne offe	ered	
University of Florida	1	+1		1		+1	1	+1	+3	1	+1	+3			1			1		1		1		+5	1			
University of Hawaii – Manoa	2					2			2			2	Nor	ne off	ered	Nor	ne off	ered			2	2			No	ne off	ered	
University of Houston	2		+2			1			2	1		+3	None offered					1	1		+2	2		+2	1			
University of Illinois – Urbana*										Unc	hange	ed pro	gram	fron	n 200)4-20	05 su	rvey										
University of Kansas	1	+1			1		1		+2	1		+3			1			1			3	1		+2	1			
University of Kentucky	1		+3	1			1		+1	1		+2			.5			.5			1	1		+2			1	
University of Memphis*										Unc	hange	ed pro	gram	fron	n 200)4-20	05 su	rvey										
University of Michigan	1		+1	1			1		+1	1		+2	Nor	ne off	ered			1			2	1		+1	1			
University of Missouri – Kansas City	1					1	1		+1	1		+1			1			1			1			1	1			
University of Missouri – Rolla			2			1			3			3			1			1			1			2			1	
University of New Hampshire	2	+1	+1			1			1	1					1			1			2	2			1			
University of New Mexico			1	Nor	ne off	ered			1			1	Nor	ne off	ered	Nor	ne off	ered			1			1			1	
University of New Orleans	1		+1			1	1		+1	1		+1			.5			.5			1	2			1			
University of North Carolina – Charlotte*										Unc	hange	ed pro	gram	fron	n 200)4-20	05 su	rvey										
University of Tennessee – Knoxville	2	+2	+1	Nor	ne off	ered	.5	.5	+2	.5	.5	+3			1			1			1	1	+1	+3			1	
University of Tennessee – Martin	2					1			1	1					1	Nor	ne off	ered			1	1					1	
University of Utah	2	+2				1	2		+1	1		+1			1			1	1		+3	1		+5	1			
University of Washington*										Unc	hange	ed pro	gram	fron	n 200)4-20	05 su	rvey										
University of Wisconsin – Madison	1				1	+1		2			2			1		Nor	ne off	ered		1	+1	1		+1	1			
University of Wisconsin – Plateville			1			1			1			1	Nor	ne off	ered	Nor	ne off	ered	Nor	ne offe	ered			1			1	
University of Wyoming	2			1		+2	1		+2	1		+1			1			1			2	1		+2	2			
Utah State University	2			1	+1		1	+1		1	+2				1			1		1		1		+2	1			
Virginia Military Institute	1		+1			1			1	1		+1			.5	Nor	ne off	ered	Nor	ne offe	ered	1		+1			1	
Virginia Tech		1	+1			2		1	+4		1	+4			1			1			2	1		+3	1			
Washington University in St. Louis	Noi	ne off	ered			1	1		+2	1		+2			1			1			2	1		+1	1			
Western Kentucky University	2			Nor	ne off	ered	1			1			Nor	ne off	ered	Nor	ne off	ered	Nor	ne offe	ered	2			1			
Worcester Polytechnic Institute	3	+1	+1	1	+1	+1	1		+1	1		+1	1			Nor	ne off	ered		1	+4	1	+1		2	+2		