

SURVEY RESULTS

In 1998, the National Council of Structural Engineers Association (NCSEA) developed consensus criteria for academic education, testing, and experience necessary for an individual to practice competently as a Structural Engineer. The criteria in the simplest form consists of a curriculum of education in the basic sciences and a program of course concentration consisting of analysis, matrix methods, steel, concrete, timber and masonry design, dynamic behavior, foundation mechanics and soil, and technical writing. Before full competency is recognized, the engineer will also have

completed four years of professional practice and have successfully passed 24 hours of examination.

In 2001, NCSEA, with the support and assistance of the Structural Engineers Institute (SEI), Council of American Structural Engineers (CASE) and American Institute of Steel Construction (AISC) prepared a questionnaire to determine the curriculum offered by engineering schools throughout the United States. As of this date, 105 questionnaires have been returned. The listing of schools will be updated on an annual basis.

<i>The following list of schools offer the full curriculum:</i>	ANALYSIS	CONCRETE	MASONRY
	MATRIX METHODS	TIMBER	FOUNDATION/SOILS
	STEEL	DYNAMIC BEHAVIOR	TECHNICAL WRITING
California Polytechnic University - San Luis Obispo www.calpoly.edu	New Mexico State University www.nmsu.edu	University of Idaho-Moscow www.uidaho.edu	
California State Polytechnic University-Pomona www.csupomona.edu	North Carolina A&T State University www.ncat.edu	University of Illinois- Urbana www.uillinois.edu	
California State University- Los Angeles www.calstate.edu	Oregon State University www.orst.edu	University of Kansas www.ukans.edu	
Clemson University www.clemson.edu	Pennsylvania State University www.psu.edu	University of Kentucky www.uky.edu	
Georgia Institute of Technology www.gatech.edu	Portland State University www.pdx.edu	University of Nevada-Las Vegas www.unlv.edu	
Gonzaga University www.gonzaga.edu	Santa Clara University www.scu.edu	University of New Orleans-Lakefront www.uno.edu	
Hofstra University www.hofstra.edu	St. Martin's College www.stmartin.edu	University of North Carolina-Charlotte www.uncc.edu	
Illinois Institute of Technology www.iit.edu	Syracuse University www.syr.edu	University of Tennessee-Knoxville www.utk.edu	
Iowa State University www.iastate.edu	University of Akron www.uakron.edu	University of Texas-Austin www.utexas.edu	
Michigan Technological University www.mtu.edu	University of Alabama at Birmingham www.uab.edu	University of Utah www.utah.edu	
Milwaukee School of Engineering www.msou.edu	University of Arkansas www.uark.edu	University of Washington www.washington.edu	
Montana State University-Bozeman www.montana.edu	University of Cincinnati www.uc.edu	University of Wyoming www.uwyo.edu	
New Jersey Institute of Technology www.njit.edu	University of Idaho-Boise www.boise.uidaho.edu	Virginia Polytechnic Institute and State University www.vt.edu	

The following list of schools **DO NOT** have the full curriculum. Those missing parts of the curriculum are recognized for the course offered. A small “thoughtful” icon appears where courses are needed.

The icon appears as a .

		ANALYSIS	MATRIX METHODS	STEEL	CONCRETE	TIMBER	DYNAMIC BEHAVIOR	MASONRY	FOUNDATION/ SOILS	TECHNICAL WRITING
SCHOOL	SCHOOL WEB SITE ADDRESS									
Arkansas State University	www.astate.edu	X	X	X	X		X		X	
Auburn University	www.auburn.edu	X	X	X	X	X	X	X	X	
Blue Mountain Community College	www.bmcc.or.edu	X		X	X	X			X	X
Broome Community College	www.sunybroome.edu			X						
Bucknell University	www.bucknell.edu	X	X	X	X	X			X	X
California State University - Fresno	www.csufresno.edu	X	X	X	X	X	X		X	
California State University - Sacramento	www.csus.edu	X	X	X	X	X	X	X	X	
Christian Brothers University	www.cbu.edu	X	X	X	X	X	X		X	X
The Citadel	www.citadel.edu	X		X	X		X		X	
Clarkson University	www.clarkson.edu	X	X	X	X	X	X			X
Cornell University	www.cornell.edu	X	X	X	X	X	X		X	X
Drexel University	www.drexel.edu	X	X	X	X		X	X	X	X
Fairleigh-Dickinson University	www.fdu.edu	X		X	X	X	X		X	X
Lawrence Technological University	www.ltu.edu	X	X	X	X		X	X	X	X
Loyola Marymount University	www.lmu.edu	X		X	X		X		X	X
Massachusetts Institute of Technology	www.mit.edu	X	X	X	X		X		X	X
Mercer County Community College	www.mccc.edu	X		X	X					X
Miami University	www.muohio.edu			X	X	X				
Michigan State University	www.msu.edu	X	X	X	X		X		X	X
Mississippi State University	www.msstate.edu	X	X	X	X	X			X	X
Morgan State University	www.morgan.edu	X	X	X	X		X		X	
Northeastern University	www.northeastern.edu	X	X	X	X		X		X	X
Ohio Northern University	www.onu.edu	X	X	X	X	X			X	
Oklahoma State University	www.okstate.edu			X	X	X			X	X
Oregon Institute of Technology	www.oit.edu	X		X	X	X	X	X	X	X
Prairie View A & M University	www.pvamu.edu	X		X	X				X	X
Purdue University	www.purdue.edu	X	X	X	X	X		X	X	X
San Francisco State University	www.sfsu.edu	X		X	X	X	X		X	X
Seattle University	www.seattleu.edu	X	X	X	X				X	X
Southern Illinois University	www.siu.edu	X	X	X	X		X	X	X	X
Southern Polytechnic State University	www.spsu.edu	X	X	X	X				X	X
SUNY-Buffalo	www.buffalo.edu	X	X	X	X		X		X	X
Texas A&M University-Kingsville	www.tamuk.edu	X		X	X		X	X	X	X
Texas Tech University	www.ttu.edu		X	X	X	X	X		X	X



SCHOOL	SCHOOL WEB SITE ADDRESS	ANALYSIS	MATRIX METHODS	STEEL	CONCRETE	TIMBER	DYNAMIC BEHAVIOR	MASONRY	FOUNDATION/ SOILS	TECHNICAL WRITING
Tri-State University	www.tristate.edu	X	ⓧ	X	X	X	ⓧ	ⓧ	X	X
Tufts University	www.tufts.edu	X	X	X	X	ⓧ	ⓧ	X	X	X
U.S. Coast Guard Academy	www.cga.edu	X	X	X	X	ⓧ	X	ⓧ	X	ⓧ
University of California-Berkeley	www.berkeley.edu	X	X	X	X	X	X	ⓧ	X	X
University of California-Los Angeles	www.ucla.edu	X	X	X	X	ⓧ	X	X	X	X
University of California-San Diego	www.ucsd.edu	X	X	X	X	X	X	ⓧ	X	X
University of Central Florida	www.ucf.edu	X	X	X	X	X	X	X	X	ⓧ
University of Columbia	www.columbia.edu	X	X	X	X	ⓧ	X	ⓧ	X	ⓧ
University of Evansville	www.evansville.edu	X	X	X	X	X	X	X	X	ⓧ
University of Hartford	www.hartford.edu	X	ⓧ	X	X	ⓧ	ⓧ	ⓧ	X	ⓧ
University of Illinois - Chicago	www.uic.edu	X	X	X	X	X	X	X	X	ⓧ
University of Iowa	www.uiowa.edu	X	ⓧ	X	X	ⓧ	X	ⓧ	X	X
University of Massachusetts - Amherst	www.umass.edu	X	X	X	X	X	X	ⓧ	X	X
University of Massachusetts-Lowell	www.uml.edu	X	ⓧ	X	X	X	X	ⓧ	X	X
University of Memphis	www.memphis.edu	X	X	X	X	ⓧ	X	ⓧ	X	X
University of Miami-Coral Gables	www.miami.edu	X	ⓧ	X	X	X	X	X	X	X
University of Michigan	www.umich.edu	X	X	X	X	ⓧ	X	ⓧ	X	X
University of Minnesota	www.umn.edu	X	X	X	X	ⓧ	X	X	X	X
University of Mississippi	www.olemiss.edu	X	ⓧ	X	X	ⓧ	X	ⓧ	X	ⓧ
University of Nebraska-Lincoln	www.unl.edu	X	X	X	X	ⓧ	X	X	X	X
University of New Hampshire	www.unh.edu	X	X	X	X	X	X	ⓧ	X	ⓧ
University of New Mexico	www.unm.edu	X	ⓧ	X	X	ⓧ	X	ⓧ	X	X
University of Pittsburgh	www.pitt.edu	X	X	X	X	ⓧ	X	ⓧ	X	X
University of Rhode Island	www.uri.edu	X	X	X	X	X	X	ⓧ	X	X
University of South Carolina	www.sc.edu	X	X	X	X	ⓧ	X	ⓧ	X	ⓧ
University of Tennessee-Martin	www.utm.edu	X	ⓧ	X	X	X	ⓧ	X	X	ⓧ
University of Texas-El Paso	www.utep.edu	X	X	X	X	ⓧ	X	ⓧ	X	ⓧ
University of the Pacific	www.uop.edu	X	X	X	X	X	X	ⓧ	X	X
University of Wisconsin-Madison	www.wisc.edu	X	X	X	X	X	X	ⓧ	X	X
University of Wisconsin-Platteville	www.uwplatt.edu	X	X	X	X	X	ⓧ	ⓧ	X	X
Valparaiso University	www.valpo.edu	X	X	X	X	ⓧ	X	X	X	X
Villanova University	www.villanova.edu	X	X	X	X	X	X	X	X	ⓧ
Virginia Military Institute	www.vmi.edu	X	X	X	X	X	ⓧ	ⓧ	X	ⓧ