

Nuclear Engineering Academic Programs Survey, 2003

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Survey Universe

The survey includes degrees granted between September 1, 2002 and August 31, 2003. Thirty-three academic programs reported having nuclear engineering programs during the survey time period and all responded (100% response rate). Three of the programs included in last year's report were discontinued or out-of-scope in 2003. One new program has been added to the list. This year the survey data include U.S. citizenship, gender, and race/ethnicity by degree level.

Degree Data

Bachelor's Degrees. The number of B.S. degrees granted in 2003 by nuclear engineering programs decreased from 2002. It should be noted that the three programs which were discontinued/out-of-scope after 2002 reported a total of 17 B.S. degrees in 2002. (See Table 1.) The number of degrees in 2003 was still substantially greater than the number of B.S. degrees granted in 2001 (which was the lowest number in over a decade). Nuclear engineering majors accounted for 86% of all B.S. degrees with the remaining 14% in nuclear engineering option programs. (See Table 2.)

Graduate Degrees. The number of masters' and doctorate degrees granted in 2003 both increased over 2002. (See Table 1.) The Ph.D. degrees increased by 16 percent. Nuclear engineering majors accounted for 98% of the M.S. degrees and all of the Ph.D. degrees. (See Table 2.)

Table 1. Nuclear Engineering Degrees, 1998-2003

Year	Degrees		
	B.S.	M.S.	Ph.D.
2003	166	132	78
2002	195*	130	67
2001	120	145	80
2000	159	133	74
1999	199	142	86
1998	222	160	98

*Three programs were discontinued/out-of-scope after 2002 and not included in the 2003 survey. These three programs reported a total of 17 B.S. degrees in 2002.

Table 2. Nuclear Engineering Degrees by Curriculum, 2003

Curriculum	B.S.	M.S.	Ph.D.
Nuclear Engineering Major	142	129	78
Nuclear Engineering Option	24	3	0

Table 4. Nuclear Engineering Degrees by Academic Institution, 2003

DOE NEST F&S Status as of March 2004		Name of Institution	State	Degrees, September 1, 2002 - August 31, 2003		
Scholarship	Fellowship			B.S.	M.S.	Ph.D.
Yes	Yes	University of California, Berkeley	CA	8	3	3
Yes	Yes	University of Florida	FL	8	5	3
Yes	Yes	Georgia Institute of Technology	GA	7	1	6
Yes	Yes	Idaho State University	ID	0	0	0
Yes	Yes	University of Illinois, Urbana	IL	5	7	3
Yes	Yes	Purdue University	IN	12	3	3
		University of Notre Dame	IN	3	0	0
Yes	Yes	Kansas State University	KS	4	0	0
		Louisiana State University	LA	0	0	0
Yes	Yes	Massachusetts Institute of Technology	MA	5	13	15
Yes		University of Massachusetts, Lowell	MA	2	3	0
Yes	Yes	University of Maryland, College Park	MD	3	0	0
		University of Maine	ME	3	1	0
Yes	Yes	University of Michigan, Ann Arbor	MI	6	11	5
Yes	Yes	University of Missouri, Columbia	MO	0	4	2
Yes	Yes	University of Missouri, Rolla	MO	9	4	2
Yes	Yes	North Carolina State University	NC	11	8	4
Yes	Yes	University of New Mexico	NM	6	3	2
		Cornell University	NY	0	0	1
Yes	Yes	Rensselaer Polytechnic Institute	NY	16	3	2
		United States Military Academy	NY	9	0	0
		Air Force Institute of Technology	OH	0	10	1
Yes	Yes	Ohio State University	OH	0	10	0
Yes	Yes	University of Cincinnati	OH	0	2	2
Yes	Yes	Oregon State University	OR	7	0	1
Yes	Yes	Pennsylvania State University	PA	11	10	5
		University of South Carolina	SC	New program		
		Tennessee Technological University	TN	0	0	0
Yes	Yes	University of Tennessee, Knoxville	TN	7	5	5
Yes	Yes	Texas A&M University, College Station	TX	12	13	6
Yes	Yes	University of Texas, Austin	TX	5	5	3
Yes	Yes	University of Utah	UT	0	1	2
Yes	Yes	University of Wisconsin, Madison	WI	7	7	2
Totals				166	132	78

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