

**NSF STEM Education Programs by Level of Education
FY 2013 Request to Congress**

(Dollars in Millions)

	FY 2011 Actual	FY 2012 Estimate	FY 2013 Request	FY 2013 Request change over:			
				FY 2011 Actual		FY 2012 Estimate	
				Amount	Percent	Amount	Percent
K-12 Programs	\$267.50	\$244.63	\$262.84	-\$4.66	-1.7%	\$18.21	7.4%
Undergraduate Programs	523.06	483.86	500.63	-22.43	-4.3%	16.77	3.5%
Graduate & Professional Programs	327.79	373.64	395.10	67.31	20.5%	21.46	5.7%
Outreach and Informal Education Programs	74.74	70.79	56.21	-18.53	-24.8%	-14.58	-20.6%
TOTAL, NSF	\$1,193.09	\$1,172.92	\$1,214.78	\$21.69	1.8%	\$41.86	3.6%

National Science Foundation
FY 2013 STEM Education Programs by Level of Education
(Dollars in Millions)

Level of Education	Program Name	FY 2011	FY 2012	FY 2013	Change Over FY 2012 Estimate	
		Actual	Estimate	Request	Amount	Percent
	Minority-Serving Institutions	\$45.26	\$45.25	\$45.25	-	N/A
UG	Historically-Black Colleges and Universities Undergraduate Program (HBCU-UP)	31.93	31.94	31.94	-	N/A
UG	Tribal Colleges and Universities Program (TCUP)	13.33	13.31	13.31	-	N/A
	Fellowships/Scholarships	\$428.29	\$473.97	\$492.73	\$18.76	4.0%
UG	Broadening Participation in Computing (BPC)	8.00	-	-	-	N/A
G	East Asia & Pacific Summer Institutes for U.S. Graduate Students (EAPSI) ¹	1.50	2.40	2.40	-	N/A
G	Enhancing the Mathematical Sciences Workforce in the 21st Century (EMSW21)	15.48	11.77	13.77	2.00	17.0%
G	Federal Cyber Service: Scholarship for Service (SFS)	14.79	45.00	25.00	-20.00	-44.4%
G	Graduate Research Fellowship Program (GRFP)	137.67	198.14	242.98	44.84	22.6%
G	Graduate Teaching Fellows in K-12 Education (GK-12)	54.48	26.95	27.00	0.05	0.2%
UG	Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences	2.74	-	-	-	N/A
G	Integrative Graduate Education and Research Traineeship (IGERT) Program	61.07	59.82	51.69	-8.13	-13.6%
UG	NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)	77.67	75.00	75.00	-	N/A
UG	Robert Noyce Scholarship (Noyce) Program	54.90	54.89	54.89	-	N/A
	Other Grant Programs	\$693.42	\$631.98	\$652.38	\$20.40	3.2%
UG	Advanced Technological Education (ATE)	64.35	64.00	64.00	-	N/A
G	Alliances for Graduate Education and the Profession (AGEP) ²	16.69	7.84	7.84	-	N/A
O&I	Centers for Ocean Sciences Education Excellence (COSEE)	5.35	4.24	3.24	-1.00	-23.6%
UG	CISE Pathways to Revitalized Undergraduate Computing Education (CPATH)	1.37	-	-	-	N/A
UG	Cyberinfrastructure Training, Education, Advancement & Mentoring (CI-TEAM)	5.12	4.00	-	-4.00	-100.0%
UG	Climate Change Education (CCE)	9.49	10.00	6.26	-3.74	-37.4%
UG	Computing Education for the 21st Century (CE21) ³	13.14	12.50	16.00	3.50	28.0%
K-12	Discovery Research K-12 (DR-K12)	120.00	99.23	114.23	15.00	15.1%
UG	Engineering Education (EE)	10.47	11.10	11.10	-	N/A
O&I	Excellence Awards in Science and Engineering (EASE)	5.18	5.15	5.15	-	N/A
UG	Geoscience Education ⁴	1.49	1.50	1.50	-	N/A
K-12	Geoscience Teacher Training (GEO-Teach)	2.00	2.00	2.00	-	N/A
K-12	Global Learning and Observations to Benefit the Environment (GLOBE) ⁴	1.06	1.10	1.10	-	N/A
O&I	Advancing Informal STEM Learning (AISL) ²	64.21	61.40	47.82	-13.58	-22.1%
K-12	Innovative Technology Experiences for Students and Teachers (ITEST)	18.62	25.00	25.00	-	N/A
UG	International Research Experiences for Students (IRES) ¹	4.47	3.15	2.25	-0.90	-28.6%
UG	Louis Stokes Alliances for Minority Participation (LSAMP)	45.63	45.62	45.62	-	N/A
K-12	Math and Science Partnership (MSP)	57.12	57.08	57.08	-	N/A
UG	Nanotechnology Undergraduate Education in Engineering (NUE) ⁴	1.67	1.50	1.50	-	N/A
UG	Opportunities for Enhancing Diversity in the Geosciences (OEDG)	3.65	3.60	3.60	-	N/A
K-12	Research Experiences for Teachers (RET) in Engineering and Computer Science ^{1,4}	6.16	5.50	4.00	-1.50	-27.3%
UG	Research Experiences for Undergraduates (REU) - Sites and Supplements	78.63	65.99	68.40	2.41	3.7%
K-12	Research in Disabilities Education (RDE) ²	6.53	6.50	6.50	-	N/A
K-12	Research on Education and Learning (REAL) ²	45.58	37.72	42.43	4.71	12.5%
K-12	Research on Gender in Science and Engineering (GSE) ²	10.42	10.50	10.50	-	N/A
UG	Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)	33.23	25.30	17.30	-8.00	-31.6%
UG	Transforming Undergraduate Biology Education (TUBE)	10.71	13.00	6.50	-6.50	-50.0%
UG	Transforming Undergrad Education in STEM (TUES)	41.25	39.46	61.46	22.00	55.8%
UG	Undergraduate Research and Mentoring in the Biological Sciences (URM)	9.81	-	-	-	N/A
UG	Widening Implementation and Demonstration of Evidence-based Reforms (WIDER) ³	-	8.00	20.00	12.00	150.0%
	Subtotal, Above Categories	\$1,166.98	\$1,151.20	\$1,190.36	\$39.16	3.4%
G	NSF Postdoctoral Programs	\$26.12	\$21.72	\$24.42	\$2.70	12.4%
	<i>BIO Postdoctoral Research Fellowships in Biology</i>	5.29	3.80	3.80	-	N/A
	<i>GEO Postdoctoral Fellowships Programs³</i>	2.29	3.09	3.52	0.43	13.9%
	<i>MPS American Competitiveness in Chemistry Fellowships</i>	2.03	-	-	-	N/A
	<i>MPS Astronomy and Astrophysics Postdoctoral Fellowships</i>	1.83	2.40	2.40	-	N/A
	<i>MPS Math Sciences Postdoctoral Research Fellowships</i>	5.40	3.93	4.10	0.17	4.3%
	<i>SBE Minority Postdoctoral Fellowships</i>	0.95	1.00	1.10	0.10	10.0%
	<i>OCI Cyberinfrastructure Postdoctoral Fellowship (CITRaCS)</i>	2.64	2.00	4.90	2.90	145.0%
	<i>OISE International Research Fellowship program</i>	4.66	4.50	3.60	-0.90	-20.0%
	<i>OPP Polar Postdoctoral Fellowships</i>	1.04	1.00	1.00	-	N/A
	K-12 STEM Education Programs (K-12) Subtotal	\$267.50	\$244.63	\$262.84	\$18.21	7.4%
	Undergraduate STEM Education Programs (UG) Subtotal	\$523.06	\$483.86	\$500.63	\$16.77	3.5%
	Graduate STEM Education Programs (G) Subtotal	\$327.79	\$373.64	\$395.10	\$21.46	5.7%
	Outreach & Informal Ed STEM Education Programs (O&I) Subtotal	\$74.74	\$70.79	\$56.21	-\$14.58	-20.6%
	TOTAL, NSF STEM Education	\$1,193.09	\$1,172.92	\$1,214.78	\$41.86	3.6%

¹ Totals may not add due to rounding.

¹ East Asia & Pacific Summer Institutes for US Graduate Students (EAPSI), International Research Experiences for Students (IRES), and Research Experiences for Teachers (RET) Sites - ENG are existing programs added to the inventory in FY 2012.

² In FY 2013, new program names are proposed: Advancing Informal STEM Learning (AISL), for Informal Science Education (ISE); Research on Education and Learning (REAL), for Research & Evaluation on Education in S&E (REESE), including Research on Disabilities in Education (RDE) and Research on Gender in Science and Engineering (GSE), shown separately here; and Alliances for Graduate Education and the Profession (AGEP), for Alliances for Graduate Education and the Professoriate (AGEP).

³ Computing Education for the 21st Century (CE21), GEO Postdoctoral Fellowships Programs, Widening Implementation and Demonstration of Evidence-based Reforms (WIDER) are new programs proposed in the FY 2012 Request.

⁴ Geoscience Education, Global Learning and Observations to Benefit the Environment (GLOBE), Nanotechnology Undergraduate Education (NUE), and Research Experiences for Teachers (RET)-CISE are programs newly added to the inventory for the FY 2013 Request.