



NPS GRADUATE EDUCATION PROGRAMS

2017 ACADEMIC PROGRAMS ANNUAL FACTBOOK

2017 NPS QUICK FACTS

LEADERSHIP

President: Ronald A. Route, Vice Admiral, USN (Ret.)

Provost: Dr. Steven R. Lerman

Chief of Staff: CAPT Mike Ward, USN

Vice Provost: Dr. Douglas Moses

Dean of Students: CAPT Markus Gudmundsson, USN

Dean of Research: Dr. Jeffrey Paduan

University Librarian: Eleanor Uhlinger

2017 STUDENT ENROLLMENT

2,697 average on board

1,432 RESIDENTIAL

909 DISTANCE LEARNING

356 CERTIFICATE

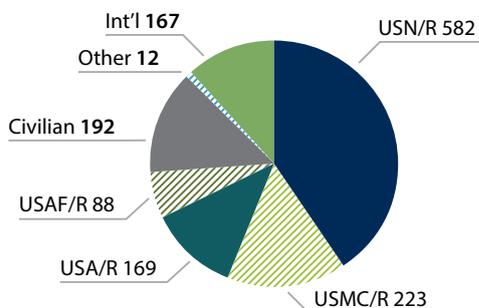
2017 DEGREES AWARDED

1,193

1,173 MASTER DEGREES

20 DOCTORATES

NPS GRADUATE DEGREES CONFERRED BY SERVICE



INSTITUTIONAL RESEARCH,
REPORTING, AND ANALYSIS
NAVAL POSTGRADUATE SCHOOL
IRRA@nps.edu • 1 University Circle, Monterey, CA 93943

FACULTY & STAFF

228 Tenure Track Faculty

384 Non-Tenure Track Faculty

35 Military Faculty

348 GS/Wage Grade staff members

RESEARCH

- Approx **\$100 million** in sponsored research funding
- Research programs are aligned to NPS curricula
- NPS research is valuable to improving the security of the U.S.

FINANCES

- **\$387** million Operating budget: including military salary
- **\$91** million Direct Authorization: without military salary
- **\$104** million Reimbursable Income

ACADEMIC FACILITIES

- 102** Classrooms That Offer Media Technology
- 19** Classrooms With Video-Teleconferencing
- 19** Classified Facilities
- 19** Labs

ACCREDITATION

- WASC Senior College and University Commission (WSCUC)
- Accreditation Board for Engineering and Technology (ABET)
- Association to Advance Collegiate Schools of Business (AACSB)
- Network of Schools of Public Policy, Affairs, and Administration (NASPAA)

STUDENTS & PROGRAMS

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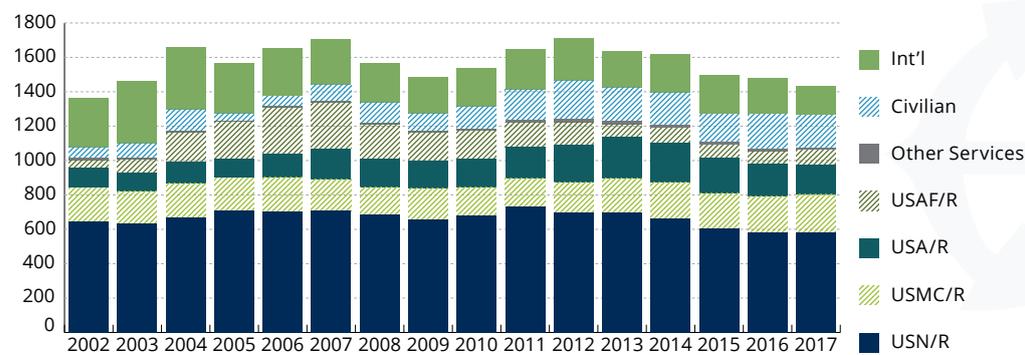
GRADUATE PROGRAM STUDENTS

By Type of Enrollment



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Full Time Resident Degree	1,366	1,464	1,660	1,563	1,649	1,707	1,565	1,487	1,536	1,647	1,712	1,633	1,616	1,494	1,479	1,432
Part Time Distributed Learning (DL) Degree	238	264	336	467	566	599	718	705	839	920	1,013	1,000	977	997	989	909
Graduate Certificate and Non-Degree	287	289	410	293	368	398	249	304	414	377	307	385	385	276	326	356
Total	1,891	2,017	2,405	2,324	2,584	2,704	2,531	2,496	2,789	2,944	3,031	3,018	2,979	2,767	2,794	2,697

Resident Students by Service



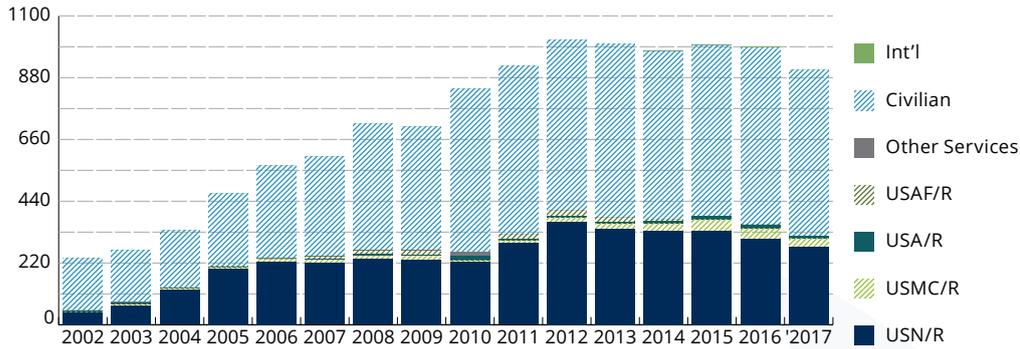
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
USN/R	648	636	671	709	702	708	685	660	681	731	700	698	666	606	581	582
USMC/R	195	186	198	192	201	183	163	178	164	165	173	199	207	205	213	223
USA/R	115	106	126	110	134	179	163	157	165	182	216	242	231	207	187	169
USAF/R	43	80	172	217	274	269	201	167	166	145	133	74	86	74	73	88
Other Services	13	9	7	5	9	11	10	10	10	15	19	19	15	14	14	11
Civilian	63	86	126	41	56	92	114	103	127	174	223	192	191	166	204	192
Int'l	289	361	360	290	274	266	230	213	224	235	248	211	222	222	207	167
Total	1,366	1,464	1,660	1,563	1,649	1,707	1,565	1,487	1,536	1,647	1,712	1,633	1,616	1,494	1,479	1,432

Numbers may not sum to total due to rounding.

DISTANCE LEARNING DEGREE STUDENTS

By Service

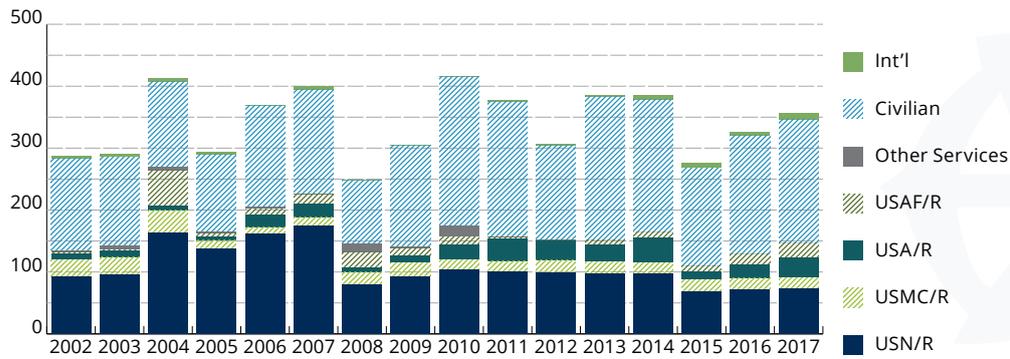
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	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
USN/R	44	68	124	199	226	220	234	232	226	291	366	343	335	335	306	277
USMC/R	3	7	7	6	7	11	12	13	4	9	16	17	26	39	39	31
USA/R	4	5	3	2	0	2	4	3	17	4	5	7	8	12	11	8
USAF/R	0	0	0	3	5	10	15	18	0	20	22	14	6	1	1	1
Other Services	0	1	0	0	1	1	2	1	11	0	0	0	0	0	0	0
Civilian	186	184	202	257	328	355	451	438	582	597	605	620	601	608	630	592
Int'l	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
Total	238	264	336	467	566	599	718	705	839	920	1,013	1,000	977	997	989	909

AVERAGE ON BOARD STUDENT POPULATION

Graduate Certificate and Non-Degree Students by Service

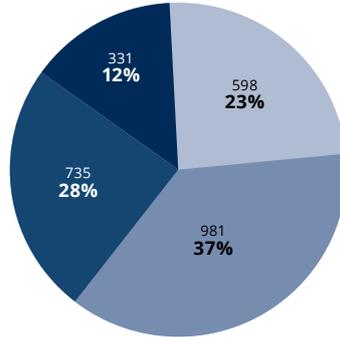


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
USN/R	93	96	163	137	161	175	80	93	103	100	99	97	98	68	72	74
USMC/R	27	28	37	14	12	13	20	22	17	18	20	20	17	20	18	17
USA/R	9	11	7	6	20	22	8	11	24	36	31	27	40	12	22	32
USAF/R	3	1	58	6	9	16	24	13	13	2	1	8	9	10	17	24
Other Services	3	6	5	3	3	1	13	2	17	1	1	0	0	0	0	0
Civilian	148	144	137	124	164	167	103	163	241	219	153	231	214	158	192	199
Int'l	4	4	5	4	1	5	1	1	1	2	2	2	7	8	5	10
Graduate Certificate and Non-Degree Totals	287	289	410	293	368	398	249	304	414	377	307	385	385	276	326	356

Numbers may not sum to total due to rounding.

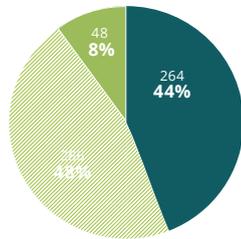
GRADUATE PROGRAM STUDENTS

NPS (Total 2644)



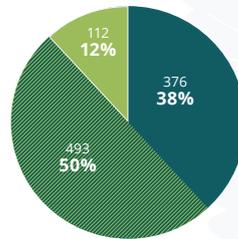
■ GSBPP ■ GSEAS ■ GSOIS ■ SIGS

GSBPP (Total 598)



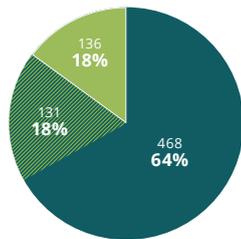
■ Full-time resident ■ Distance Learning ■ Certificates

GSEAS (Total 981)



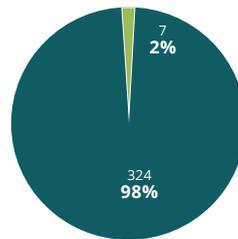
■ Full-time resident ■ Distance Learning ■ Certificates

GSOIS (Total 735)



■ Full-time resident ■ Distance Learning ■ Certificates

SIGS (Total 331)



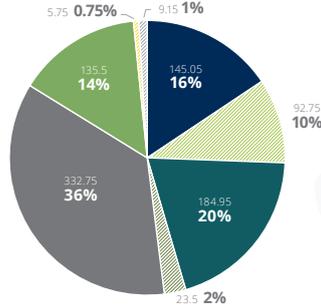
■ Full-time resident ■ Distance Learning ■ Certificates



GRADUATE PROGRAM STUDENTS

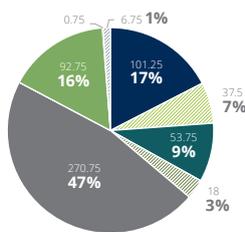
By USN/R Community Average On Board 2017

Total USN/R Communities (Total 930)

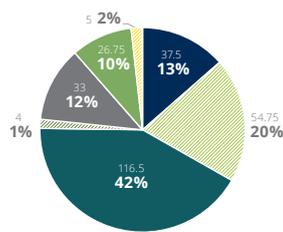


■ Surface Warfare
 ■ Submarine Warfare
 ■ Aviation
 ■ Special Operations & Warfare
 ■ RL5
 ■ Special Duty
 ■ Staff Corps
 ■ Limited Duty
 ■ Warrant Officer
 ■ Enlisted

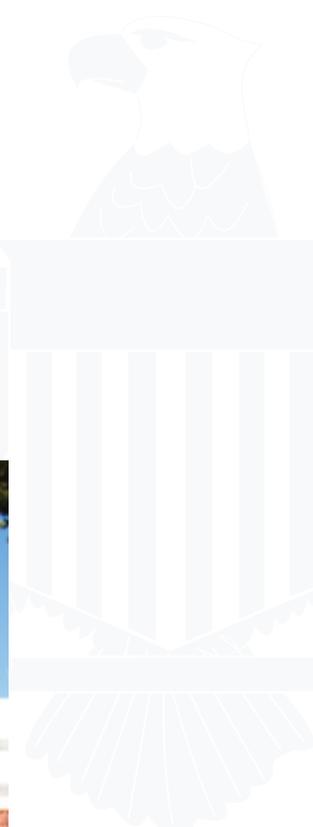
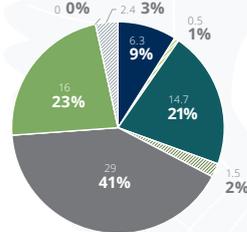
Full-time Resident (Total 582)



Distance Learning (Total 278)



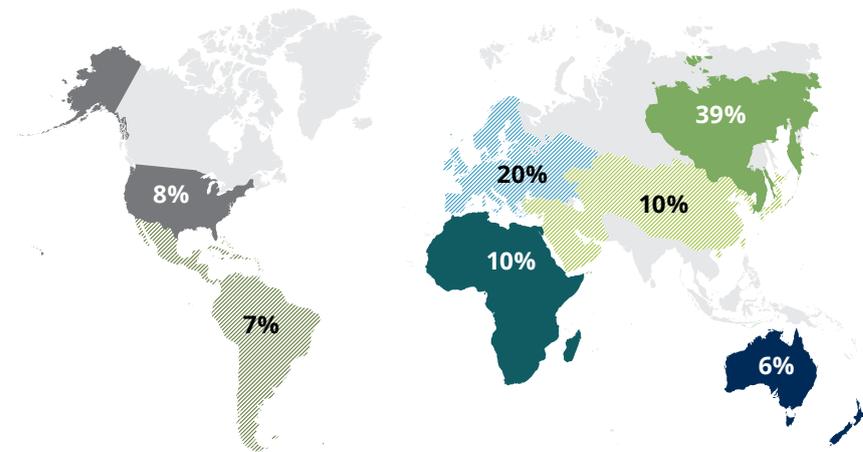
Certificates (Total 70)



INTERNATIONAL RESIDENT DEGREE STUDENTS

By Region - Peak Quarter Enrollment, Summer 2017

Australia and New Zealand		Africa		Europe		Far/Near East	
Australia	10	Botswana	1	Albania	1	Indonesia	6
New Zealand	0	Cameroon	1	Denmark	3	Korea	10
Total	10	Mali	8	Estonia	1	Japan	1
		Senegal	1	Finland	2	Nepal	1
		South Africa	1	Georgia	2	Philippines	3
		Tunisia	1	Germany	7	Singapore	37
		Uganda	3	Greece	7	Sri Lanka	3
		Total	16	Italy	1	Taiwan	2
				Netherlands	2	Thailand	1
				Norway	2	Total	64
				Romania	1		
				Sweden	3		
				Switzerland	1		
				Ukraine	1		
				Total	34		
North America		Caribbean, Central and South America					
Canada	9	Argentina	1				
Mexico	5	Brazil	2				
Total	14	Colombia	1				
		Dominican Republic	1				
		El Salvador	1				
		Peru	5				
		Total	11				
Central/East Asia and Middle East							
Azerbaijan	1						
Bahrain	1						
Israel	1						
Jordan	1						
Lebanon	2						
Pakistan	7						
Saudi Arabia	4						
Total	17						



Degree Students Int'l Student, Peak Qrt Enrollment	
Australia & New Zealand	10
Central/East Asian & Middle East	17
Africa	16
Caribbean, Central & South America	11
North America	14
Europe	34
Far/Near East	64
Total	166



GRADUATE DEGREE ENROLLMENT

All degrees by Curricula

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Resident Programs	Curriculum Number	USN	USMC	Other Services	Intl Military & Civilian	U.S. Civilian	Grand Total
GSBPP							
Acquisitions & Contract Management	815	24	11	25	2	0	62
Defense Business Management	809	0	0	0	0	5	5
Defense Systems Analysis	817	0	15	0	1	0	16
Defense Systems Management (International)	818	0	0	0	2	0	2
Financial Management	837	50	10	1	2	0	63
Financial Management (Energy Specialty)	838	7	0	0	0	1	8
Information Systems Management MBA	870	5	0	1	2	0	8
Manpower Systems Analysis	847	25	14	1	9	0	48
Materiel Logistics Support Management	827	6	9	0	1	0	16
Resource Planning/Mgmt for International Defense	820	0	0	0	2	0	2
Supply Chain Management	819	12	0	2	0	0	14
Systems Acquisition Management	816	0	0	19	1	0	20
Transportation Management	814	1	0	0	0	0	1
GSBPP Total		130	59	49	22	6	265
GSEAS							
Applied Mathematics	380	0	0	9	0	0	9
Applied Mathematics (PhD)	381	1	0	1	0	1	3
Applied Physics (PhD)	537	4	0	0	0	0	4
Combat Systems Science & Engineering	533	24	4	3	9	0	41
Electrical Systems Engineering - Energy Focus	593	0	0	0	0	0	0
Electronic Systems Engineering	590	33	11	1	11	0	56
Electronic Systems Engineering (PhD)	594	4	1	0	2	0	7
Engineering Acoustics (PhD)	536	0	0	0	2	1	3
Meteorology	372	0	0	1	0	0	1
Meteorology (PhD)	387	2	0	1	0	0	3
Meteorology and Oceanography (METOC)	373	36	0	0	1	0	37
Naval/Mechanical Engineering	570	36	0	2	12	0	49
Naval/Mechanical Engineering - Energy Focus	563	6	0	0	0	0	6
Naval/Mechanical Engineering (PhD)	573	1	0	0	0	2	3
Oceanography	440	0	0	0	2	0	2
Oceanography (PhD)	443	2	0	0	0	0	2
Space Systems Engineering	591	17	1	0	0	0	18
Space Systems Engineering (PhD)	597	1	0	0	0	4	5
Space Systems Operations	366	12	7	2	0	0	21

GRADUATE DEGREE ENROLLMENT *continued*

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Space Systems Operations (Intl)	364	0	0	0	1	0	0
Systems Engineering	580	25	0	7	9	0	40
Systems Engineering (PhD)	581	2	1	1	0	17	20
Systems Engineering Analysis	308	16	0	0	2	0	18
Undersea Warfare	525	20	0	0	0	0	20
Undersea Warfare (International)	526	0	0	0	8	0	8
GSEAS Total		242	25	27	58	24	376
GSOIS							
Applied Cyber Operations	336	5	0	0	0	0	5
Computer Science	368	26	19	2	7	17	70
Computer Science (PhD)	384	0	0	0	0	2	3
Cyber Systems and Operations	326	21	0	8	0	1	29
Human Systems Integration	362	0	0	3	0	0	3
Information Sciences (PhD)	474	1	3	4	0	13	21
Information Strategy and Political Warfare	698	1	0	23	3	0	27
Information Systems & Technology	370	0	28	3	2	2	34
Information Warfare	595	16	0	0	1	0	17
Joint Cmd, Cntrl, Comm, Comp/Intel (C4I) Sys	365	0	4	0	1	0	5
Joint Operational Logistics	361	18	0	0	1	0	19
Modeling, Virtual Environments & Simulation	399	1	11	3	3	0	18
Modeling, Virtual Environments & Simulation (PhD)	398	1	1	1	0	3	6
Network Operations and Technology	386	18	0	0	0	0	18
Operations Analysis	360	34	24	12	12	1	83
Operations Analysis (PhD)	382	0	1	0	0	0	1
Software Engineering (PhD)	385	0	0	0	0	2	2
Special Operations	699	13	2	73	23	0	110
GSOIS Total		154	92	131	52	40	468
SIGS							
Civil-Military Relations	685	0	0	0	4	0	4
Combating Terrorism: Policy and Strategy	693	0	0	0	13	0	14
Europe and Eurasia	684	13	9	5	3	0	31
Far East, Southeast Asia, Pacific	682	17	11	10	6	0	43
Homeland Defense and Security	692	0	0	8	0	119	127
Homeland Security and Defense	691	15	0	3	0	0	19
Middle East, South Asia, Sub-Saharan Africa	681	16	8	21	0	0	45
Security Studies (PhD)	694	3	0	1	0	3	8
Strategic Studies	688	3	0	1	8	0	12
Western Hemisphere	683	7	4	11	0	0	23
SIGS Total		74	32	60	35	123	324
RESIDENT TOTAL		598	207	268	167	192	1432

Numbers may not sum to total due to rounding.

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

GRADUATE DEGREE ENROLLMENT *continued*

Distance Learning Programs	Curriculum Number	USN	USMC	Other Services	Intl Military & Civilian	U.S. Civilian	Grand Total
GSBPP							
Contract Management (DL)	835	0	4	0	0	30	34
Executive Master of Business Administration (DL)	805	106	7	0	0	0	112
Executive Master of Business Administration(DL-Civ)	807	0	0	0	0	73	73
Program Management (DL)	836	0	0	0	0	67	67
GSBPP Total		106	11	0	0	170	286
GSEAS							
Aviation Systems Engineering (DL)	312	10	5	4	0	3	22
Electronic Systems Engineering (DL)	592	1	1	2	0	76	79
Mechanical Engrg for Nuclear Trained Officers (DL)	572	55	0	0	0	2	57
Naval Test Pilot/Mechanical & Aerospace Engineering Program (DL)	613	3	0	0	0	0	3
Reactors - Mechanical/Electrical Engineering (DL)	571	6	0	0	0	0	6
Systems Engineering (DL)	311	27	2	0	0	234	263
Systems Engineering Management-PD21 (DL)	721	6	0	0	0	32	38
Underwater Acoustic Systems (DL)	535	1	0	0		26	26
GSEAS Total		108	8	6	0	371	494
GSOIS							
Cost Estimating and Analysis (DL)	379	3	0	0	0	40	43
Human Systems Integration (DL)	359	18	1	1	0	6	25
Systems Analysis (DL)	363	47	8	2	0	6	63
GSOIS Total		67	9	3	0	52	131
DL Total		281	28	9	0	592	909



GRADUATE DEGREES CONFERRED ACADEMIC YEAR 2017

Graduate School of Business and Public Policy	285
EMBA Executive Master of Business Administration	99
MBA Master of Business Administration	124
MS Contract Management	6
MS Management	35
MS Program Management	21
Graduate School of Engineering and Applied Sciences	408
EAAC - ENGINEERING ACOUSTICS ACADEMIC COMMITTEE	10
M Engineering Acoustics	4
MS Engineering Acoustics	6
ECE - ELECTRICAL AND COMPUTER ENGINEERING	84
MEng Electrical Engineering	47
MS Electrical Engineering	29
MS Engineering Science (Electrical Engineering)	4
PhD Electrical Engineering	4
MA - APPLIED MATHEMATICS	12
MS Applied Mathematics	11
PhD Applied Mathematics	1
MAE - MECHANICAL AND AEROSPACE ENGINEERING	47
MS Astronautical Engineering	4
MS Engineering Science (Mechanical Engineering)	5
MS Mechanical Engineering	36
PhD Astronautical Engineering	1
PhD Mechanical Engineering	1
MR - METEOROLOGY	18
MS Meteorology	1
MS Meteorology and Physical Oceanography	16
PhD Meteorology	1
OC - OCEANOGRAPHY	6
MS Physical Oceanography	4
PhD Physical Oceanography	2
PH - PHYSICS	25
MS Applied Physics	19
MS Physics	4
PhD Applied Physics	1
PhD Engineering Acoustics	1
SE - SYSTEMS ENGINEERING	195
MS Engineering Systems	24
MS Product Development	1
MS Systems Engineering	157
MS Systems Engineering Management	13
SP - SPACE SYSTEMS ACADEMIC GROUP	7
MS Space Systems Operations	7
PROVOST OVERSIGHT (OTHER)	4
MS Systems Engineering Analysis	4
Graduate School of Operational and Information Sciences	294
CS - COMPUTER SCIENCE	45
MS Computer Science	31
MS Modeling, Virtual Environments and Simulation	8
MS Software Engineering	1
PhD Computer Science	2
PhD Modeling, Virtual Environments and Simulation	3
DA - DEFENSE ANALYSIS	73
MS Defense Analysis	1
MS Defense Analysis (Astronautics)	1
MS Defense Analysis (Irregular Warfare)	47
MS Defense Analysis (National Security Affairs)	4
MS Defense Analysis (Operations Analysis)	1
MS Defense Analysis (Terrorist Operations & Financing)	3
MS Information Operations	1

GRADUATE DEGREES CONFERRED ACADEMIC YEAR 2017 (CONTINUED)

MS Information Strategy and Political Warfare	15
IS - INFORMATION SCIENCES	59
MS Applied Cyber Operations	5
MS Cyber Systems and Operations	14
MS Information Technology Management	15
MS Information Warfare Systems Engineering	8
MS Network Operations and Technology	11
MS Remote Sensing Intelligence	1
MS Sys Technology (Command, Control & Communications)	2
PhD Information Sciences	3
OR - OPERATIONS RESEARCH	117
M Cost Estimating and Analysis	23
M Human Systems Integration	10
M Systems Analysis	31
MS Applied Science (Operations Research)	3
MS Human Systems Integration	1
MS Operations Research	49
School of International Graduate Studies	206
NSA - NATIONAL SECURITY AFFAIRS	206
MA Security Studies (Civil-Military Relations)	3
MA Security Studies (Combating Terrorism: Policy and Strategy)	12
MA Security Studies (Europe and Eurasia)	18
MA Security Studies (Far East, SE Asia, the Pacific)	42
MA Security Studies (Homeland Security and Defense)	81
MA Security Studies (Middle East, South Asia, Sub-Saharan Africa)	34
MA Security Studies (Strategic Studies)	5
MA Security Studies (Western Hemisphere)	11
NPS TOTAL	1193



NPS FACULTY

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FACULTY BY RANK

Tenure Track

RANK	GSBPP	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
PROFESSOR	13	48	28	7	1	1	98
ASSOCIATE PROFESSOR	24	29	28	12	0	1	94
ASSISTANT PROFESSOR	10	12	9	5	0	0	36
TOTAL	47	89	65	24	1	2	228

Non-Tenure Track

RANK	GSBPP	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
SENIOR LECTURER	28	13	24	21	0	4	90
LECTURER	12	12	8	22	0	13	67
PROFESSOR OF THE PRACTICE	2	8	2	0	2	0	14
RESEARCH PROFESSOR	0	7	3	0	2	1	13
RESEARCH ASSOCIATE PROFESSOR	3	11	6	1	3	0	24
RESEARCH ASSISTANT PROFESSOR	0	6	3	1	0	0	10
ADMINISTRATIVE FACULTY	1	1	1	4	1	10	18
ASSOCIATE FACULTY	9	43	51	20	18	7	148
TOTAL	55	101	98	69	26	35	384
GRAND TOTAL	102	190	163	93	27	37	612

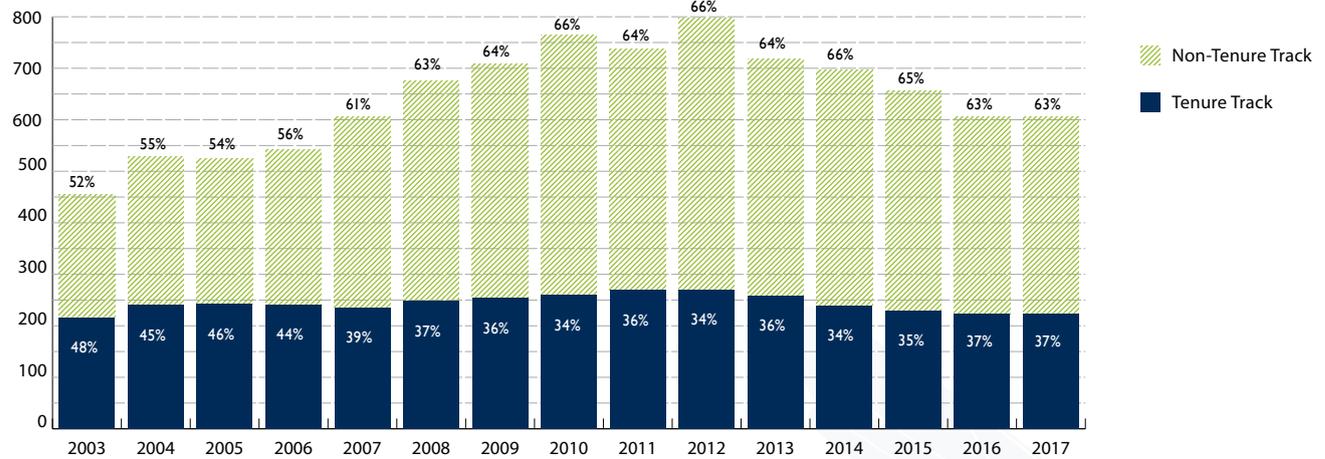
Graduate School of Business and Public Policy (GSBPP)
 Graduate School of Engineering and Applied Sciences (GSEAS)
 Graduate School of Operational and Information Sciences (GSOIS)
 School of International Graduate Studies (SIGS)

Source: Office of Institutional Research, Reporting and Analysis (IRRA)



TENURE TRACK/NON-TENURE TRACK FACULTY

Trend since 2003



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TENURE TRACK	216	240	242	241	236	248	254	260	269	270	259	239	230	223	228
NON-TENURE TRACK	238	288	283	301	369	428	454	504	468	527	460	457	426	382	384
TOTAL	454	528	525	542	605	676	708	764	737	797	719	696	656	605	612

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

FACULTY AND STAFF 2017

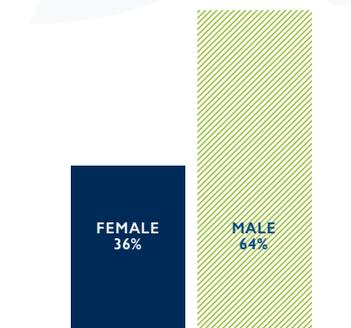
By Ethnicity

	Black/African American	American Indian/Alaskan Native	Asian	Native Hawaiian/Pacific Islander	Hispanic	White	Two or More	Total
NPS GS/WG	35	2	51	4	32	221	3	348
NPS FACULTY	3	5	43	2	21	535	1	610
TOTAL	38	7	94	6	53	756	4	958

By Gender

	FEMALE	MALE	TOTAL
NPS GS/WG	187	161	348
NPS FACULTY	155	455	610
TOTAL	342	616	958

	FEMALE	MALE	TOTAL
NPS GS/WG	54%	46%	100%
NPS FACULTY	25%	75%	100%
TOTAL	36%	64%	100%



Source: HR Link

Numbers may not sum to total due to rounding.



NPS Graduate Program Excerpts
from the 2017 Factbook

NPS office of Institutional Research, Reporting and Analysis (IRRA)