

The West Point Academic Program



*Brigadier General Patrick Finnegan
Dean of the Academic Board*



USMA Mission

To educate, train, and inspire the Corps of Cadets so that each graduate is a commissioned leader of character committed to the values of Duty, Honor, Country and prepared for a career of professional excellence and service to the Nation as an officer in the United States Army.



Academic Program Goals

Graduates anticipate and respond effectively to the uncertainties of a changing technological, social, political, and economic world.

As Army Leaders, they:

demonstrate:

Creativity

Moral awareness

Commitment to continued intellectual development

Effective listening, speaking, reading, and writing skills

understand:

Culture

History

Patterns of Human Behavior

Mathematics and Science

Engineering and Technology

Information Technology

The Academic Curriculum

First Year

Chemistry x 2
History x 2
Math x 2
Information
Technology
English x 2
Psychology

Second Year

Physics x 2
Philosophy
Math x 2
Foreign Language x 2
Economics
American Politics
Geography

Third Year

Leadership
International Relations
English
Foreign Language x 2
Information Technology
Engineering x 1
Electives in major x 3-5

Fourth Year

Military History x 2
Law
Engineering x 2
Electives in major x
5-8

Physical Education
Military Science

Physical Education
Military Science

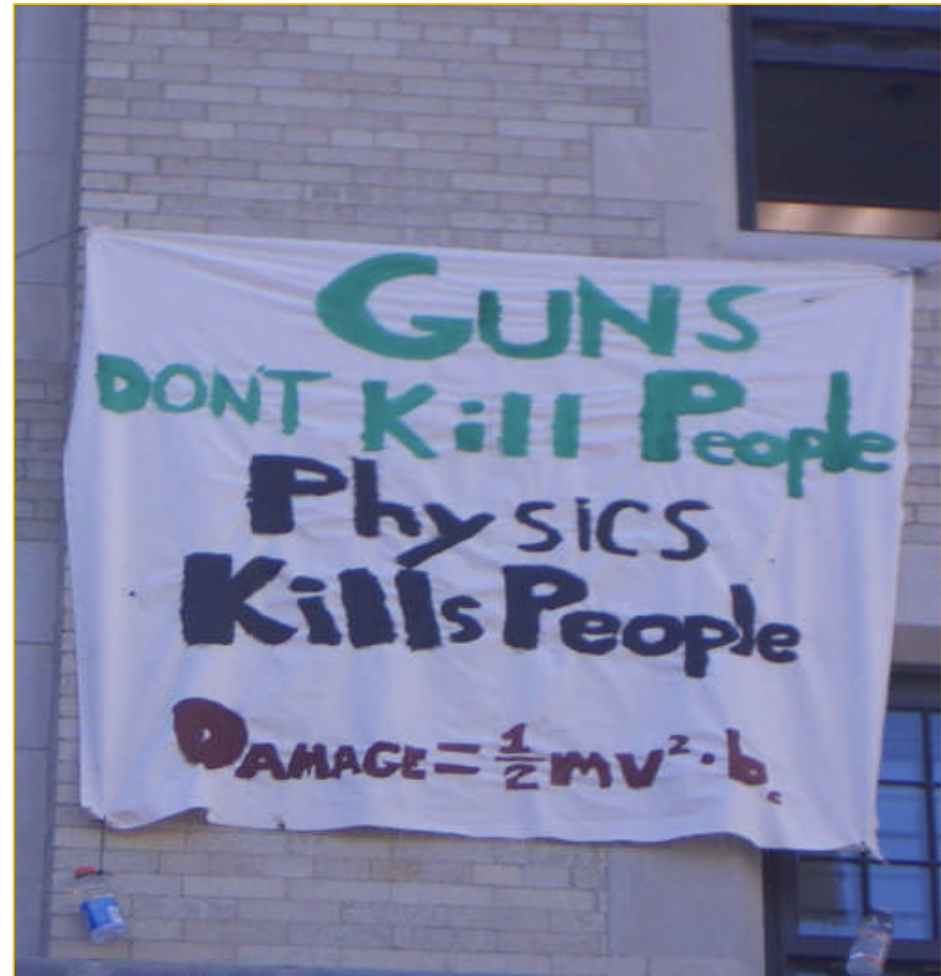
Physical Education
Military Science

Physical Education
Military Science

Academic Majors

45 total to include...

- Arabic, Chinese, and Russian
- Art, Philosophy, and Literature
- Civil and Mechanical Engineering
- Economics
- Electrical Engineering
- Environmental Engineering
- History
- International Relations
- Kinesiology
- Life Sciences (pre-med)
- Management
- Military Science
- Operations Research (Math)
- Physics
- Psychology
- Systems Engineering





Cadet Finnegan's Schedule

AY68-1

GE101: Engineering Fundamentals	(2.5)
EN151: American Literature	(2.5)
EV151: Advanced Geography of Russia	(2.5)
LR101: Russian	(2.5)
MA157: Advanced Placement Calculus	(7.5)
MS101: Intro to Military Science	(1.5)

AY68-2

GE102: Engineering Fundamentals II	(2.5)
EN102: Logic and English	(2.5)
EN202: Comparative Literature	(2.5)
EV152: Advanced Geography of Russia	(2.5)
LR102: Russian	(2.5)
MA158: Advanced Placement Calculus	(4.5)
MA481: Linear Programming	(3.0)
MS102: Fundamentals of Military Operations	(1.0)
PE102: Foundations of Physical Education	(3.0)

Cadet Doug Williams – Spring 2008



COURSE	TITLE	PRIM HR	SECD HR	LAB HR	SECT	RM	INSTR	CREDITS
PL300	MILITARY LEADERSHIP	A			11	TH374	MAJ WHITE	3.000
PE350	ARMY FITNESS DEVELOPMENT	B			2	MHA5	MAJ HODGES	1.500
ME311	THERMAL-FLUID SYSTEMS I	C	D		5	MH C15	MAJ WHIPPLE	3.500
EN302	ADVANCED COMPOSITION	E			28	TH438	MAJ CUTRIGHT	3.000
PE412	ADVANCED CLOSE QUARTERS COMBAT	F			2	CMBT2	MR SHIREMAN	0.500
MG380	MARKETING	H			6	TH445	MAJ ADKINS	3.000
EM420	PRODUCTION OPERATIONS MGMT	I			3	MH122	LTC KORYCINSKI	3.000
SE385	DECISION ANALYSIS	J			2	MH108	CPT DEES	3.000
MD302	2ND CLASS MILITARY PERF II	Y			1			0.000

20.5

2008 - 1 Schedule

Cadet Brian Smith

COURSE	TITLE	PRIM HR	SECD HR	LAB HR	SECT	RM	INSTR	CREDITS
SS307	INTERNATIONAL RELATIONS	A	S		5	MH B3	MAJ DUNN	3.500
PH202	PHYSICS II	C	R		2	BHB07	MAJ PHILLIPS	3.500
MS301	COMBINED ARMS OPERATIONS I	E			11	WH6110	CPT CHAVEZ	0.500
HI357	WARFARE SINCE 1945	G			1	TH436	MAJ WERKHEISER	3.000
LA361	INTERMEDIATE ARABIC I	H			3	WH4311	MR CHOUAIRI	3.000
HI351	ADV HISTORY OF MILITARY ART	I			3	TH436	PROF ROGERS	3.000
SE300	INTRO TO SYSTEMS ENGINEERING	J			3	MH104	LTC WARD	3.000
								19.5

Strengths of our Academic Program

- 
- **Small class size**
 - **Interaction with world-class faculty**
 - **Enrichment opportunities**

Faculty: A Blend of Excellence

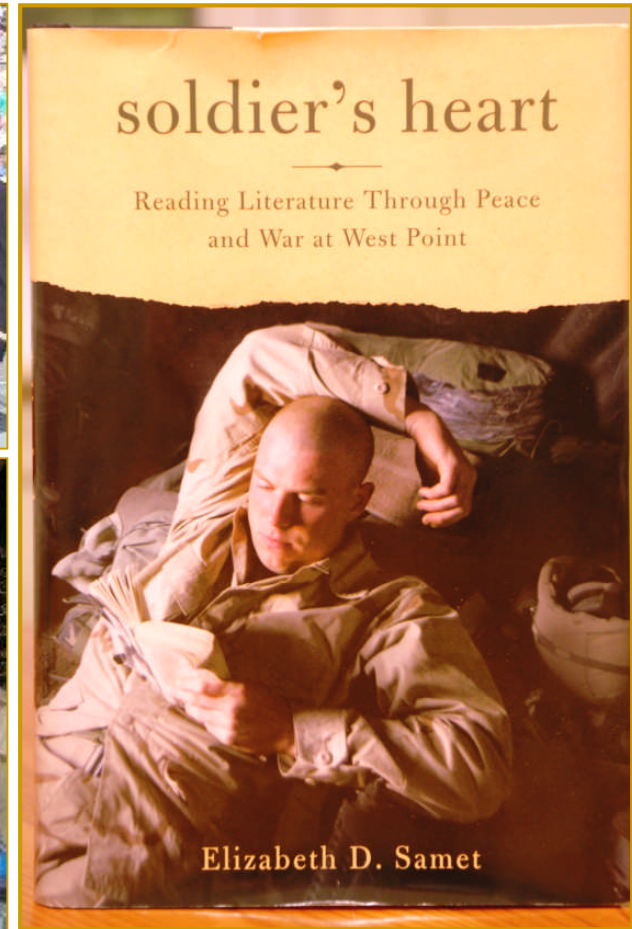
Teaching

Scholarship

Service

Cadet Development

Faculty Development



Rotating Military
60%

Civilian Faculty
22%

Senior Military
18%

Connected to our Army and contributing to the Global War on Terrorism



Academic Excellence

Best Undergraduate Engineering Programs

1. Harvey Mudd
2. Rose Hulman Institute of Technology
3. Cooper Union, USMA, USNA



Civil Engineering : USMA ranked 2nd

Mechanical Engineering: USMA ranked 3rd

Academic Excellence



Mel Sanborn
(Wilmot, NH)
Marshall
Scholarship



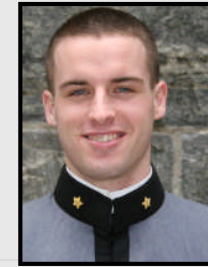
Chris Tarney
(Union, NJ)
Truman
Scholarship



Jason Crabtree
(Kingston, WA)
Marshall and
Rhodes
Scholarships



Robert Rose
(Woodland Hills, CA)
Gates Scholarship



Mike McMahon
(Farmingville, NY)
Gates Scholarship

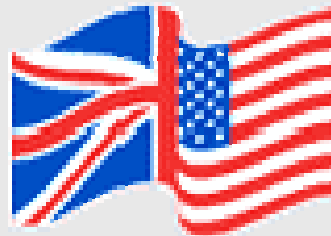
Rhodes

West Point: 87 total
4th in the Nation



Marshall

West Point: 33 total
6th in the Nation



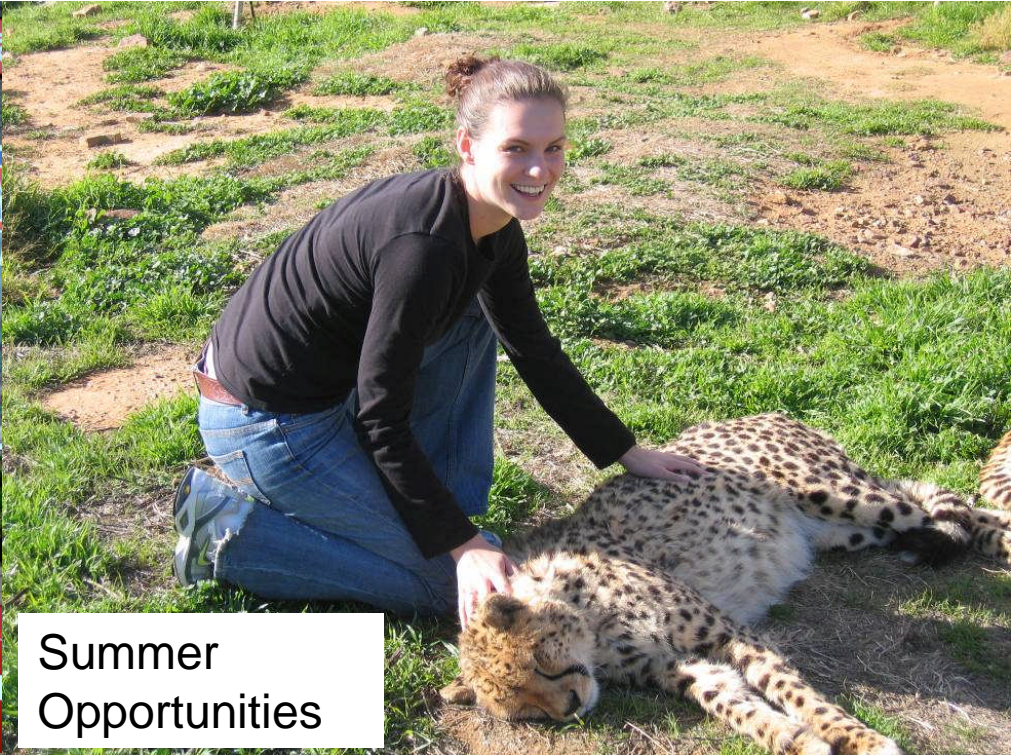
Truman

West Point: 27 total
3rd in the Nation





Semester Abroad



Summer Opportunities



Academic Trips



Academic Chairs & Guest Speakers

中国·天津黄崖关长城国际马拉松旅

關正崖黃



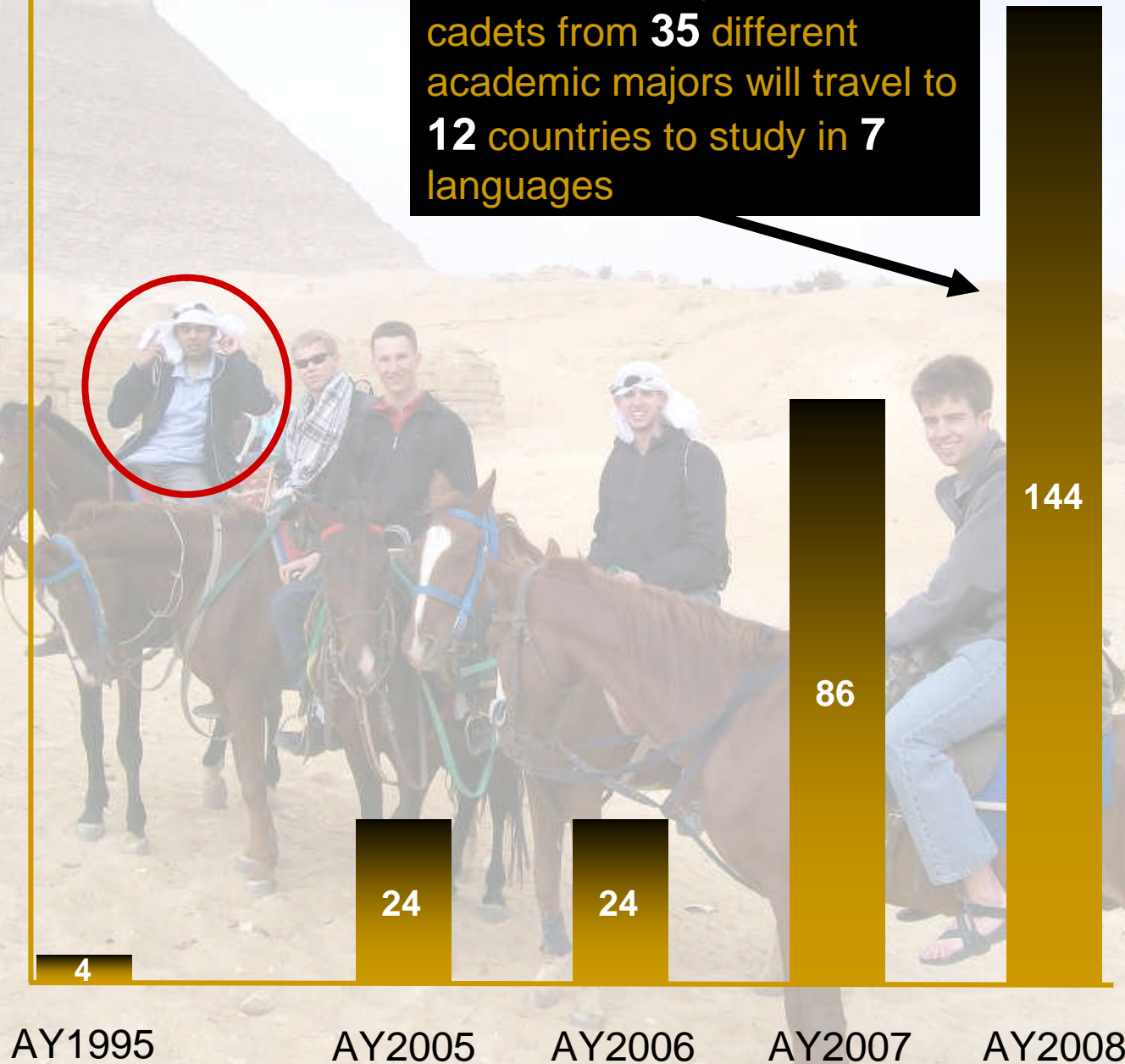
中国 黄崖关长城马拉松

THE GREAT WALL MARATHON OF CHINA



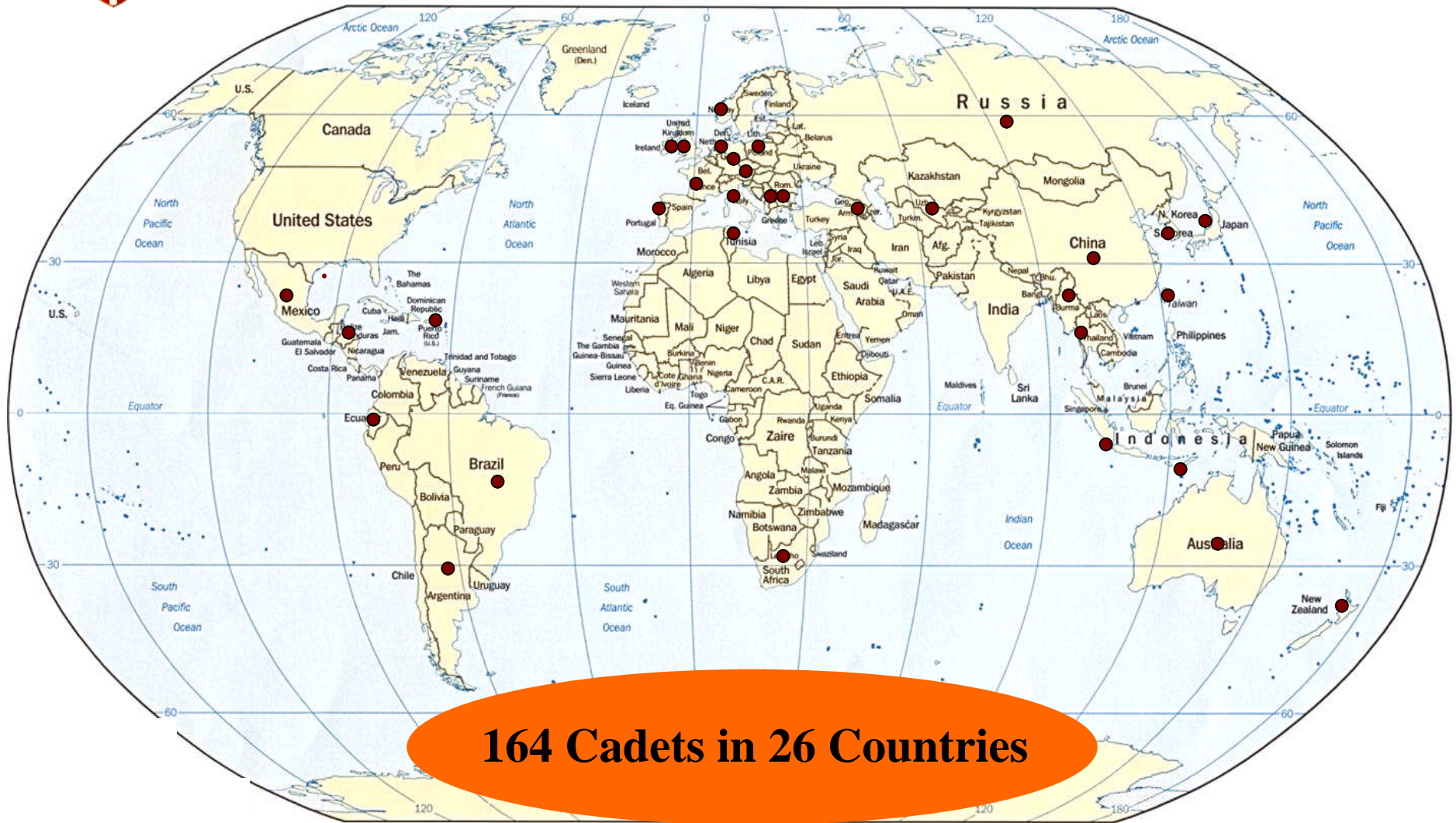
Number of cadets abroad for a semester

This academic year, **144** cadets from **35** different academic majors will travel to **12** countries to study in **7** languages





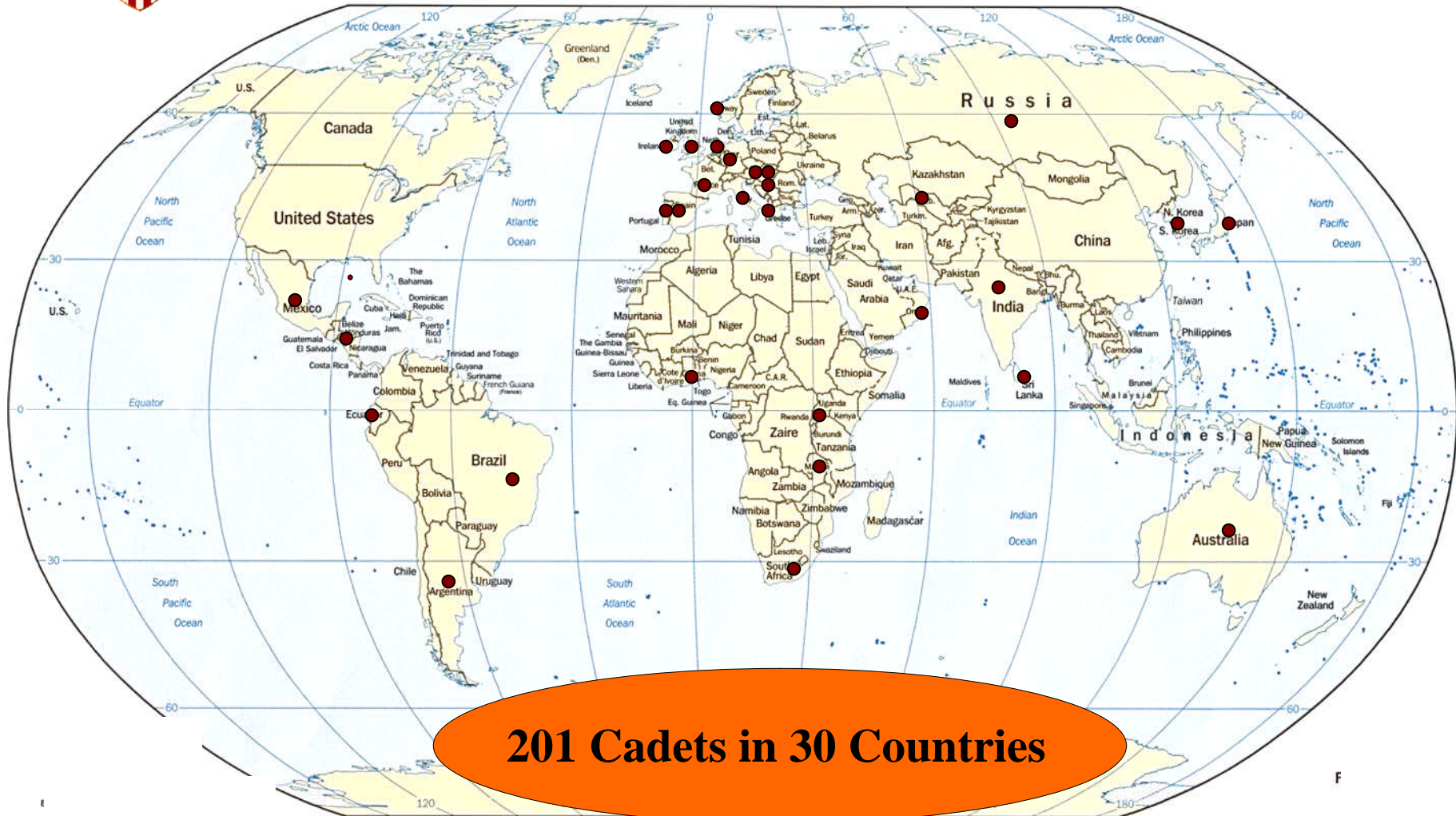
2002 AIADs Worldwide



164 Cadets in 26 Countries



2003 AIADs Worldwide



Duty, Honor, Country

Duty, Honor, Country



2005 AIADs Worldwide





2007 AIADs Worldwide



373 Cadets in 48 Countries



2008 IADs Worldwide





2005 SAP





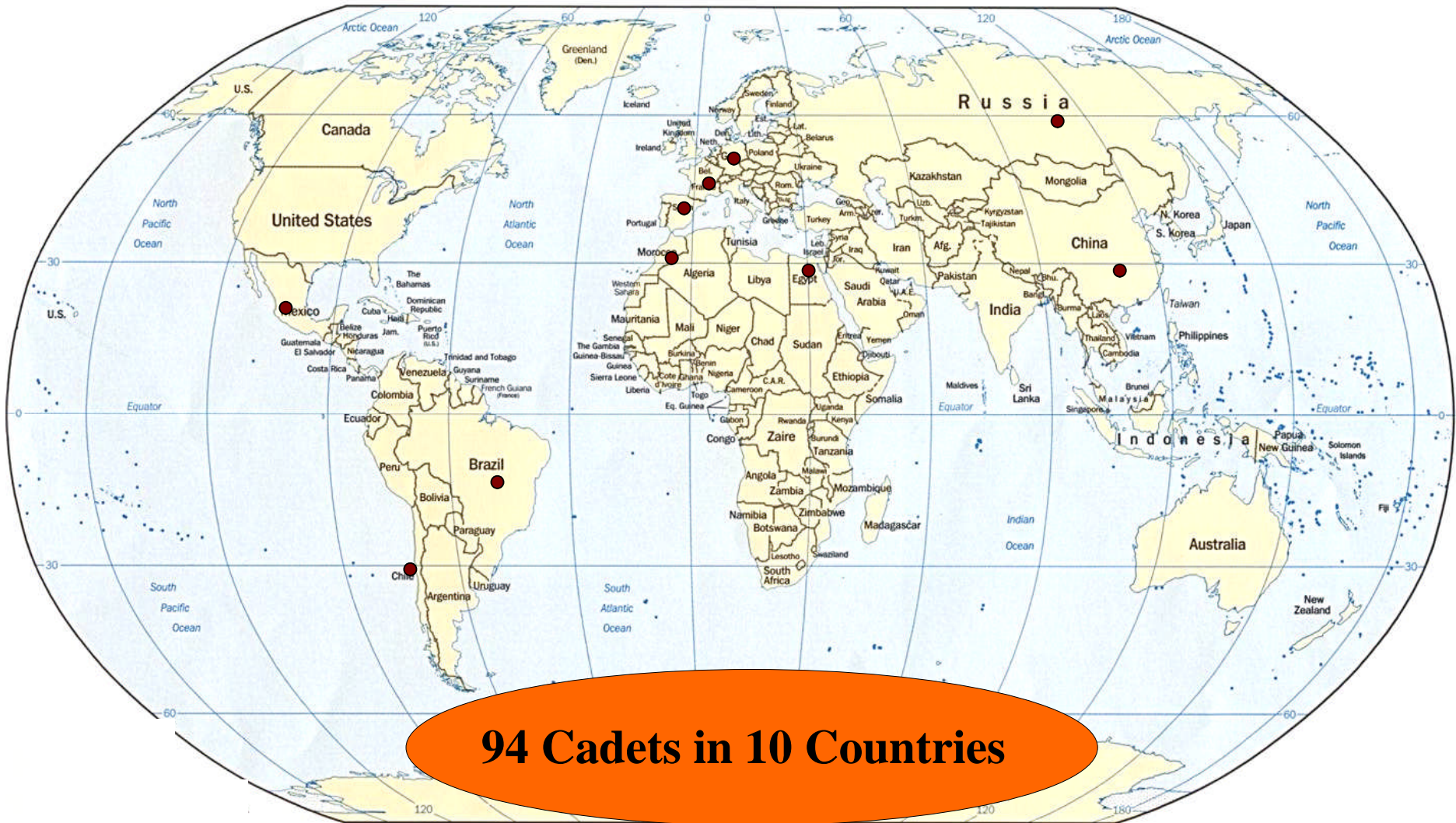
2006 SAP



21 Cadets in 7 Countries



2007 SAP



94 Cadets in 10 Countries



2008 SAP



139 Cadets in 13 Countries



United States Military Academy

2009 SAP (Est.)



150 Cadets in 16 Countries

Duty, Honor, Country

2008 - 1 Schedule

COURSE	TITLE	PRIM HR	SECD HR	LAB HR	SECT	RM	INSTR	CREDITS
LS385	ADVANCED SPANISH THRU MEDIA	B			6	WH4311	DR STEIGMAN	3.000
PH251	ADVANCED PHYSICS I	C	R		1	BH123	MAJ WEHMEYER	3.500
MA371	LINEAR ALGEBRA	D			2	TH339	LTC PICCIUTO	3.000
PE420	EMERGENCY WATER SAFETY	E			1	CRANDL	MR MCVAN	0.500
MS201	FUNDAMENTALS OF TACTICS I	G			26	WH6103	SFC VILLAGOMEZ	0.500
MA206	PROBABILITY & STATISTICS	H			3	TH469	COL MYERS	3.000
SS251	ADVANCED ECONOMICS	I	T		3	WH6106	LTC EVANS	3.500
PE426	ICE SKATING	J			2	TATE	MR GANNON	0.500



Where is Liz Betterbed?

7.5



Questions?



Back-up slides

Cadet Daily Academic Schedule

Morning

0630

0655-0725

0730-1155

1205-1235

Reveille

Breakfast

Classes

Lunch

Afternoon

1245-1340

1350-1600

1615-1740

1745-1915

Values Classes, labs, tests

Classes

Athletics, drill and ceremony, free time

Dinner (optional, except on Thursdays)

Evening

1930-2330

2330

2400

Evening Study Period

Taps

Lights Out

Class Schedule – Fourth Class

Day 1

	<u>Course</u>	<u>Credits</u>
0730-0825	General Chemistry I	3.0
0840-0935	General Chemistry I	
0950-1045	Intro to Calculus	4.0
1100-1155	General Psychology	3.0
1250-1345	Intro to the U.S. Army	.5
1355-1450	Reading Skills	.5
1505-1600	Open	

Day 2

	<u>Course</u>	<u>Credits</u>
0730-0825	Survival Swimming	.5
0840-0935	Open	
0950-1045	Intro to Calculus	
1100-1155	Open	
1250-1345	Dean's Hour	
1355-1450	Composition	3.0
1505-1600	Western Civilization	<u>3.0</u>

17.5

