

# *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

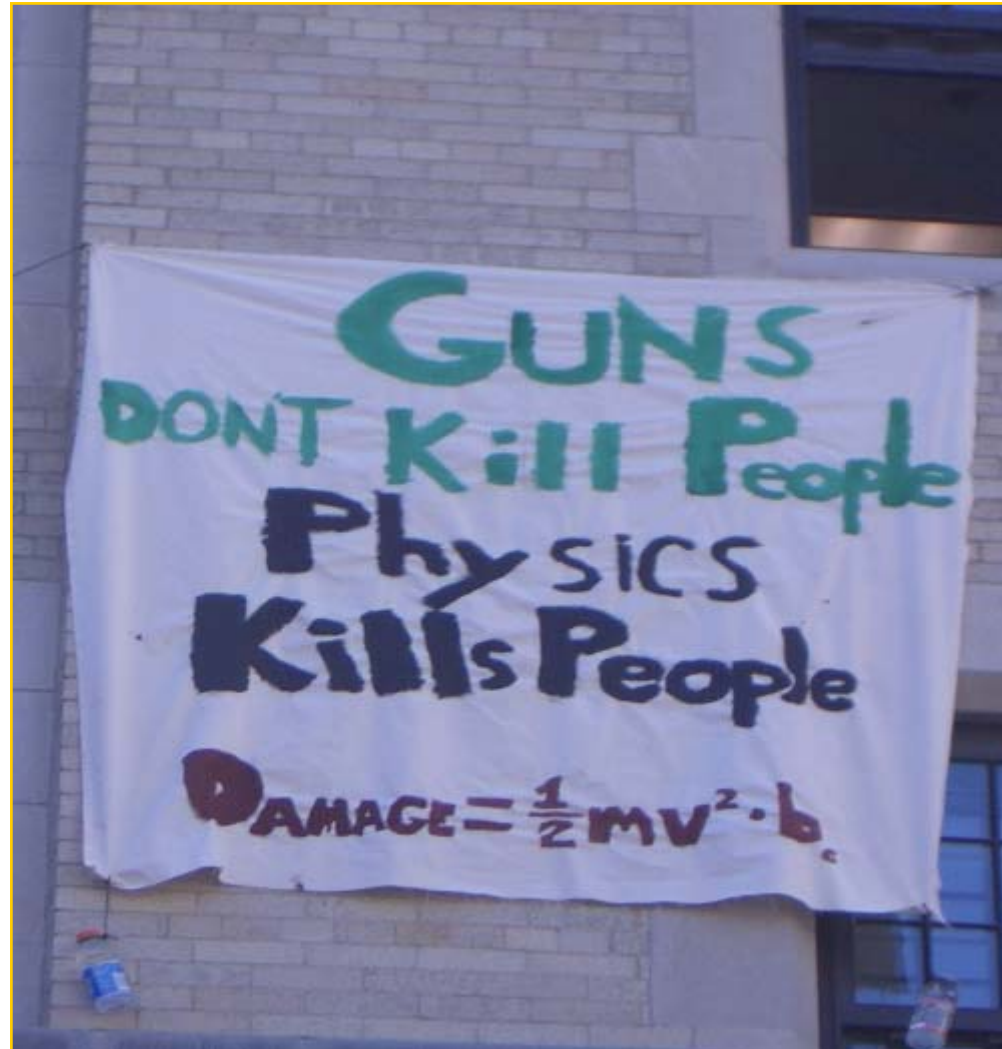
Physical Education  
Military Science

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

AY70-2

EE304: Electronics	(4.0)
LW302: Constitutional Law – Military Law	(2.5)
MS302: Task Force Special Operations	(1.0)
PE300: Development of Sport Skills	(1.5)
PH353: Advanced Physics III	(4.0)
SS352: U.S. Govt and Economy of Natl. Security	(2.5)
SS382: History of U.S. Foreign Relations	(2.5)
SS383: Middle Eastern Studies	(2.5)

# 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



## 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
								<b>19.5</b>



# *Strengths of our Academic Program*



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

# Faculty: A Blend of Excellence

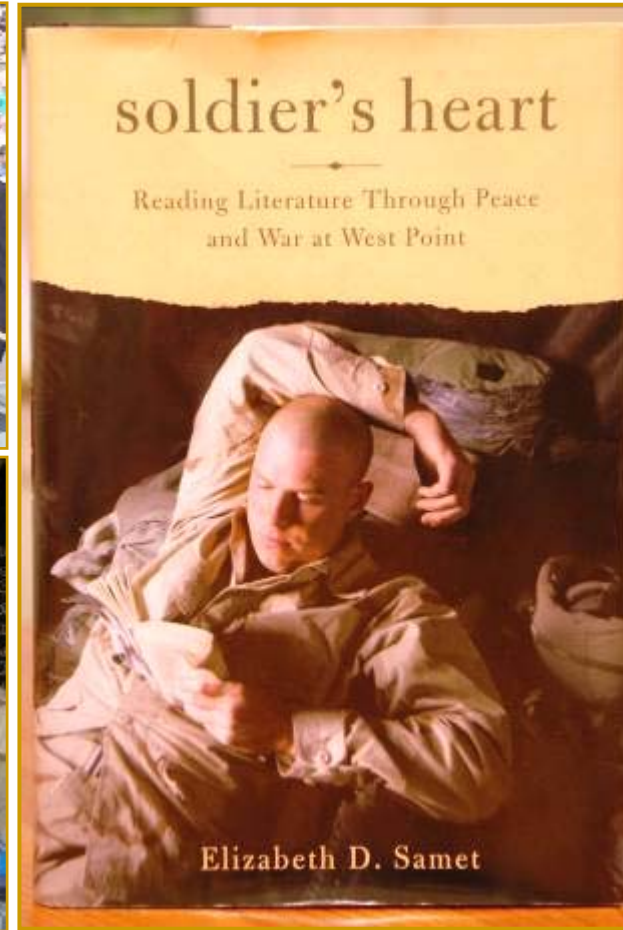
**Teaching**

**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 2<sup>nd</sup>

Mechanical Engineering: USMA ranked 3<sup>rd</sup>

# 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**

**4<sup>th</sup> in the Nation**



## Marshall

**West Point: 33 total**

**6<sup>th</sup> in the Nation**



## Truman

**West Point: 27 total**

**3<sup>rd</sup> 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

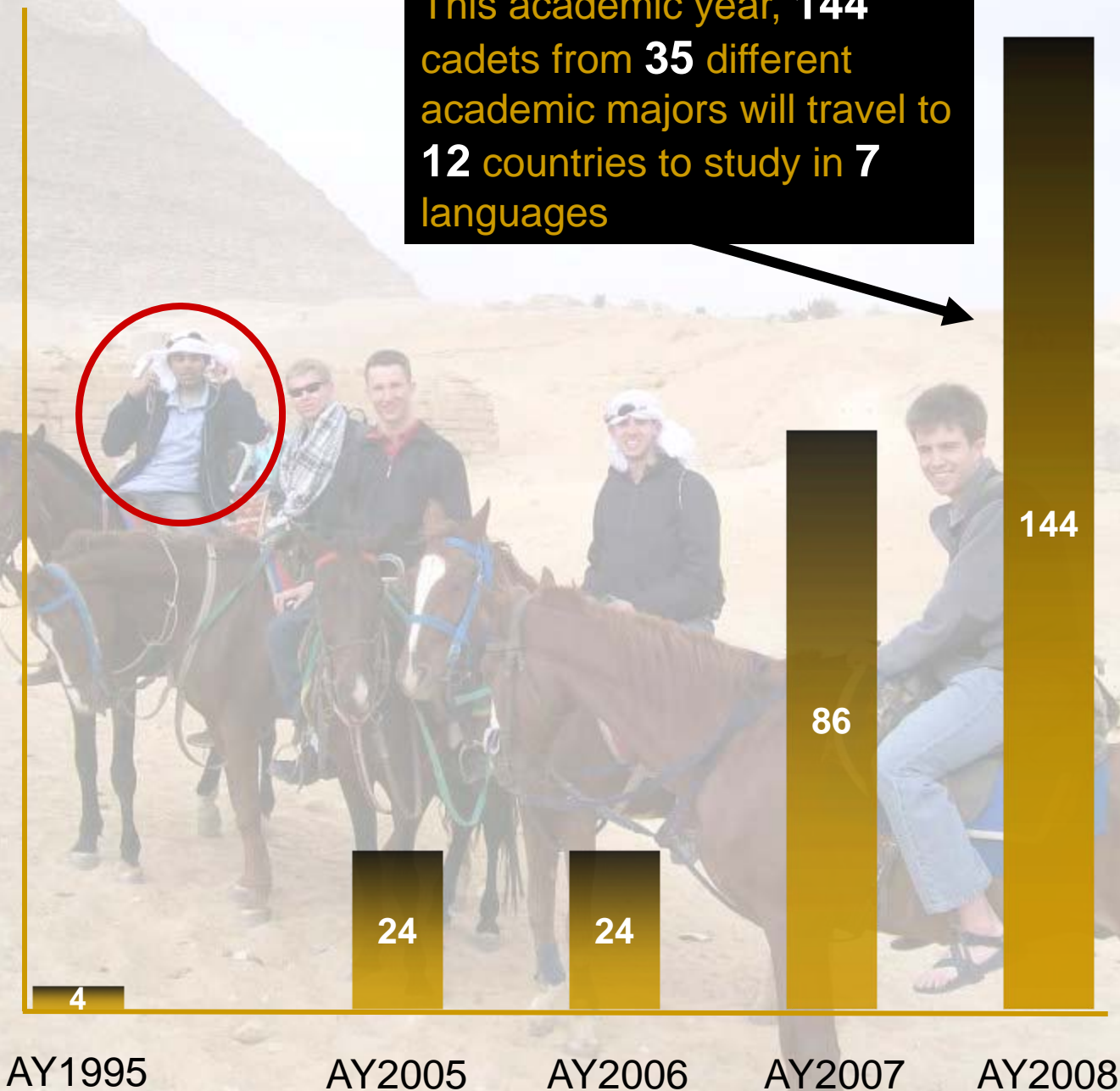
THE GREAT WALL MARATHON OF CHINA





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





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

0730-0825

0840-0935

0950-1045

1100-1155

1250-1345

1355-1450

1505-1600

## Course

General Chemistry I

General Chemistry I

Intro to Calculus

General Psychology

Intro to the U.S. Army

Reading Skills

Open

## Credits

3.0

4.0

3.0

.5

.5

## Day 2

0730-0825

0840-0935

0950-1045

1100-1155

1250-1345

1355-1450

1505-1600

## Course

Survival Swimming

Open

Intro to Calculus

Open

Dean's Hour

Composition

Western Civilization

## Credits

.5

3.0

3.0

17.5



375

