



Virtual Service Academy Day

Congressman Greg Murphy, M.D.
Third Congressional District of North Carolina



Congressional Nominations

One of the many ways you can receive an appointment to the U.S. Military, Naval, Air Force and Merchant Marine Academies is through a Congressional nomination. The Coast Guard Academy does not require a such a nomination.

You can apply through your U.S. Representative or your Senator. Prospective cadets from North Carolina's 3rd Congressional District can click [here](#) to find the application on my website.

I have assembled a highly qualified nominating committee who blindly review each application to ensure there is not any bias. Applications are due each year on October 1.

Be sure to apply to multiple academies if you have an interest in serving in any capacity. There have been many qualified applicants who did not receive a nomination to their first-choice school but would've received one to other academies.

It is very important to me that we have fantastic representation from our district at our prestigious military academies. Best of luck!

The United States Military Academy at West Point



Why West Point?

West Point is about choosing a direction in life that puts service to the nation first and allows each graduate to be a standard-bearer for their generation and the generations that follow.

The purpose of the United States Military Academy at West Point is to produce leaders of character who are equipped to provide selfless service to our Army and the nation. The academy has been educating, training, and inspiring leaders of character for the U.S. Army and for the nation for more than 200 years. West Point provides a 47-month leader-development program steeped in academic rigor, military discipline, and physical challenges, all built upon a moral-ethical foundation.

When students enter the United States Military Academy at West Point, they are beginning a profession. Leadership development starts on the first day; everyday cadet's experience is focused on developing leaders of character who will serve as officers upon graduation, when they are commissioned as second lieutenants in the U.S. Army.

What it takes

Like any top-tier college, West Point is academically challenging, but West Point offers so much more. The West Point experience trains the whole person – academically, physically, and morally.

The physical challenges begin as soon as you report to West Point on Reception Day (R-Day) – and they continue through six weeks of Cadet Basic Training (CBT).

Running, marching, physical and military training will push you harder than you've ever pushed yourself before. But when you've made it through CBT, you'll have the confidence and self-assurance that comes with succeeding through hard work and determination.

If you're up for the challenge, West Point may be the place for you.

Basic Qualifications for Admission

- Be at least 17 years old, but not older than 22 on July 1 of the year entering West Point
- Be neither married or pregnant
- Have no legal or financial responsibility for the support of any children
- Be in good physical and mental health
- Possess strong leadership potential

Physical Qualifications

Exercises – max score men/women

Basketball throw (from a kneeling position) - 102"/68"

Cadence pull-ups - 18/7 or Flexed-arm hang (women option only)

40-yard shuttle run – 7.8/8.6 sec.

Modified Sit-ups (2 min.) – 95/95

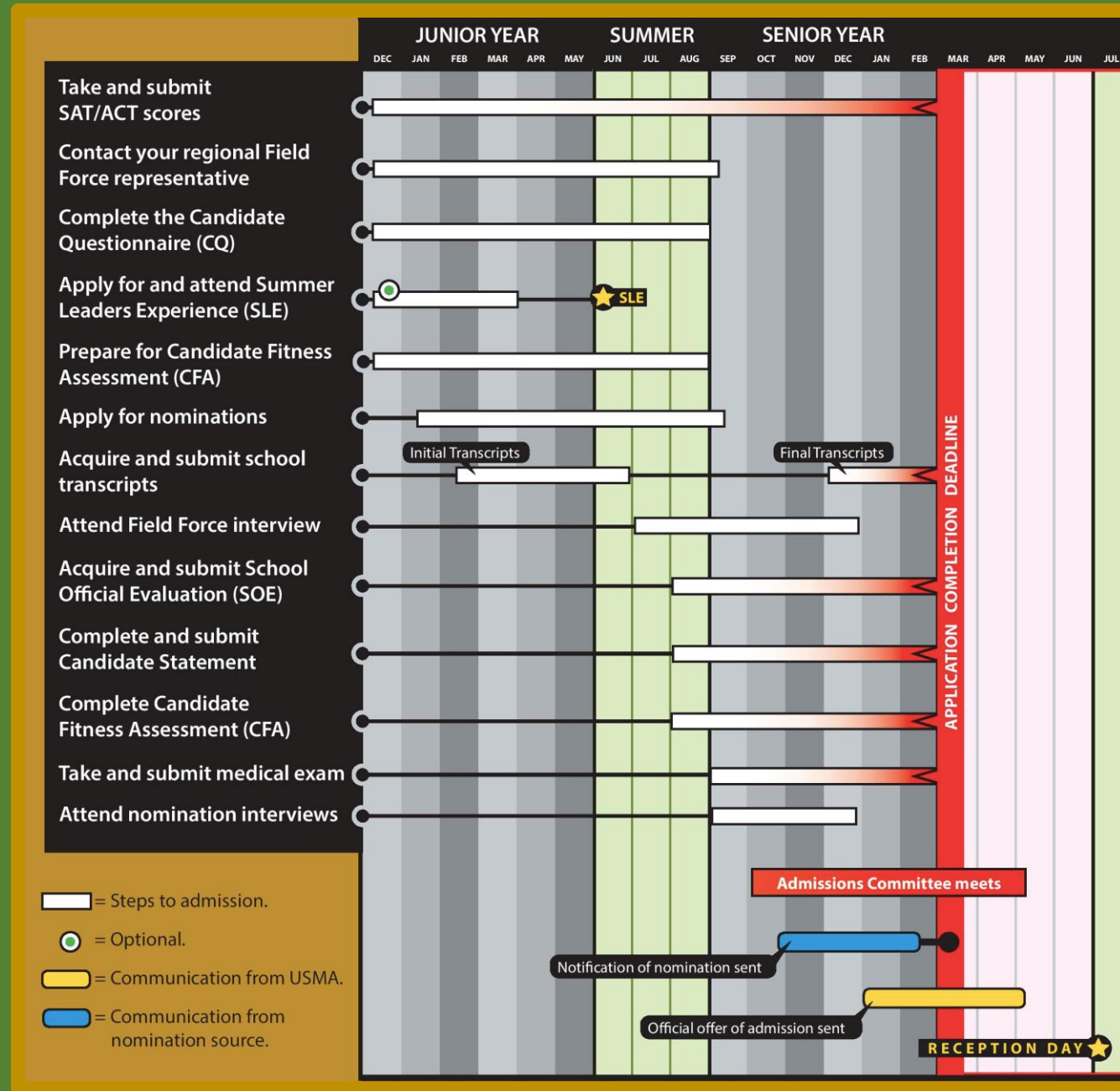
Push-ups (2 min.) – 75/50

1-mile run – 5:20/6:00

Administered by

- Physical Education Teacher
- Active Duty (Non)Commissioned Officers
- Team Coach
- (J)ROTC Instructors
- Military Academy Liaison Officers
- Professors of Military Science

Admissions Timeline



Recent Class Statistics

Activities

Boys/Girls State Delegate – 17%
Class or Student Body President – 18%
School Publication, Newspaper or
Yearbook Staff – 18%
Debating or Drama – 21%
Scouting Participants – 35%
Eagle Scout or Gold Award – 13%
Varsity Athletics – 92%
Letter Winner – 87%
Team Captain – 62%

Academic Honors

Class Valedictorian or Salutatorians – 11%
National Merit Scholarship Recognition – 18%
National Honor Society – 60%

Admitted

1,100– 1,200 Cadets
83% Men
17% Women

Rank in High School

Top 1/5th – 71%
Second 1/5th – 20%

SAT/ACT Average Scores

SAT Critical Reading – 646
SAT Math – 665
ACT English – 30
ACT Math – 30
ACT Science Reasoning – 29
ACT Reading – 31
ACT Comp - 30

Majors Offered

Mathematics, Science, and Engineering

Basic Science	Kinesiology
Chemical Engineering	Life Science
Chemical Engineering Studies	Mathematical Sciences
Civil Engineering	Mathematical Studies
Civil Engineering Studies	Mechanical Engineering
Computer Science	Mechanical Engineering Studies
Electrical Engineering	Nuclear Engineering
Electronic/Information Technology Systems	Nuclear Engineering Science
Engineering Management	Operations Research
Engineering Psychology	Operations Research Studies
Environmental Engineering	Physics
Environmental Geography	Systems Engineering
Environmental Science	Systems Management
Environmental Engineering Studies	
Geospatial Information Science	
Information Engineering	

Humanities and Social Sciences

American Legal Studies	History:
Art, Philosophy and Literature	• International
Defense and Strategic Studies	• Military
Economics	• United States
Foreign Area Studies:	Human Geography
• Africa	International/Comparative
• East Asia	Legal Studies
• Eurasia	Leadership
• Latin America	Management
• Middle East	Political Science:
• Europe	• American Politics
Foreign Language:	• Comparative Politics
• Arabic	• International
• Chinese	Relations
• French	Psychology
• German	Sociology
• Portuguese	
• Russian	
• Spanish	

Daily Schedule

6:55-7:30 - Breakfast

7:35-11:45 - Class or study

12:05-12:40 - Lunch

12:45-13:40 - Commandant/Dean Time

13:50-15:50 - Class or study

16:10-17:45 - Intramural, club or intercollegiate athletics; extracurricular activities; or free time

18:30-19:15 - Supper (optional except Thursday)

19:15-19:30 - Cadet Duties

19:30-20:30 - Study Conditions/Extracurricular activities

20:30-23:30 - Study time

23:30 - Taps

00:00 - Lights Out

NCAA Sports

MEN'S SPORTS

Baseball
Basketball
Cross Country
Football
Golf
Gymnastics
Hockey
Lacrosse
Rugby
Soccer
Sprint Football
Swimming & Diving
Tennis
Track & Field
Wrestling

Co-ED

Rifle
Rabble Rousers
Strength

WOMEN'S SPORTS

Basketball
Cross Country
Lacrosse
Rugby
Soccer
Softball
Swimming & Diving
Tennis
Track & Field
Volleyball

Club Sports

Boxing (Men)	Marathon
Boxing (Women)	Orienteering
Climbing	Powerlifting
Crew	Team Handball (Men)
Cycling	Team Handball (Women)
Equestrian	Triathlon
Fencing	Volleyball (Men)
Judo	Water Polo

Company Sports

Fall Sports

Basketball

Flag Football

Soccer

Team Handball

Functional Fitness

Wrestling

Spring Sports

Ultimate Frisbee

Flickerball

Floor Hockey

Submission Grappling

Graduation and Service

After graduation Cadets will be commissioned as second lieutenants in the U.S. Army

They will be required to serve for 8 years in a combination of active duty and the reserve

Before deployment, graduates will undergo one year of Basic Officer Training and then be assigned to a specific unit

Summer Leadership Experience

What Happens at SLE?

For two weeks every year, usually near the last week in May and the first week in June, USMA offers high school juniors the opportunity to experience cadet life at the Academy by attending our Summer Leaders Experience, where students from all over the nation are introduced to an experience unlike any other.

While there, each attendee obtains a better understanding of the importance of leadership, as well as how they can help themselves and their country.

What can SLE offer me?

The Summer Leadership Experience is a week of concentrated academic, athletic, military, and social engagement at West Point. As an attendee you will enjoy a sampling of the Academy's academic offerings while immersed in an environment full of history and culture.

SLE is jam-packed and the activities begin immediately. Arriving on Saturday, you will check in and get acquainted with fellow SLE attendees and your surroundings. The rest of your week's schedule is full of academic activities, hands-on military training, team sports, tours of our historic grounds and high-tech facilities, and participating in the Candidate Fitness Assessment.

Additionally, you will engage and interact with current West Point Cadets who are using the leadership skills they've learned and developed at the Academy to coordinate your every activity

Summer Leaders Experience

By attending the West Point Summer Leaders Experience (SLE), you gain a better understanding of the academic opportunities at a service academy. In a small way, you will see the importance of developing leaders at one of the most respected academic institutions in the country

West Point is consistently ranked among the top colleges in the country and is well recognized for consistently producing Rhodes scholars and recipients of Hertz fellowships. Many seniors are also selected for Marshall, Gates Cambridge, Truman, East-West Center, and National Science Foundation fellowships and scholarships.

By applying for the Summer Leaders Experience you are also opening an admissions file at the Academy. If your dream is to become a cadet at the U.S. Military Academy, and ultimately become an officer in the U.S. Army, apply for SLE – over 40% of SLE attendees join USMA as freshman cadets the following summer.

The application portal for the SLE is open for high school juniors between January 15 and March 15.

The United States Military Academy Preparatory School (USMAPS)

Located at West Point, the USMAPS allows qualified Cadet Candidates to spend a year preparing for the lifestyle and academic rigor of the Academy

After graduation students will progress into the Academy or another service academy

NO SEPARATE APPLICATION NEEDED

The United States Naval Academy



Why the Naval Academy?

Consistently ranking among the top public universities in the country, the Naval Academy offers Midshipmen an incredible, well-rounded experience

Professional courses and training are an important part of the Naval Academy's integrated program. Required courses in naval science, engineering, navigation, and weapons systems give midshipmen a working knowledge of modern naval operations and technology. Courses in leadership, ethics and military law help prepare midshipmen for leadership responsibilities as an upper-class midshipman and commissioned officer. In addition to academic development, physical education courses help instill the importance of fitness and health.

The Naval Academy also has a deep and abiding commitment to the moral development of our midshipmen and to instilling the naval service values of honor, courage, and commitment. This commitment is supported by the Character Development Division which integrates the Navy's core values into the development plan of every midshipmen. The Character Development program is the single most important feature that distinguishes the Naval Academy from other educational and officer commission sources.

The Brigade of Midshipmen

All 50 States, and foreign countries

Diverse, cultural heritages

Sailors and Marines

Leaders, academic scholars, varsity athletes

4543 Cadets attend the Naval Academy

- 3285 (72%) are men
- 1258 (28%) are women

Majors

Engineering & Weapons

Aerospace Engineering

- Aeronautical Engineering
- Astronautical Engineering

Computer Engineering

Electrical Engineering

General Engineering

Mechanical Engineering

Nuclear Engineering Naval Architecture
and Marine Engineering

Ocean Engineering

Robotics and Control Engineering

Mathematics & Science

Chemistry

Computer Science

Information Technology

Cyber Operations

General Science

Mathematics

- Applied Mathematics

Operations Research

Oceanography

Physics

- Applied Physics
- Astrophysics

Mathematics w/ Economics

Quantitative Economics

Humanities & Social Sciences

English

History

Political Science

- American Politics & Law
- Comparative Politics
- International Relations

Chinese

Arabic

Available Minors

Spanish

Russian

Japanese

German

French

Chinese

Arabic

Core Curriculum

4/C Fall	4/C Spring	3/C Fall	3/C Spring	2/C Fall	2/C Spring	1/C Fall	1/C Spring
Leadership			Ethics		Leadership	Naval Law	
Seamanship	Cyber	Navigation		Navigation			Practicum
Calculus	Calculus	Calculus	Math	Electrical Engineering	Cyber		
Chemistry	Chemistry	Physics	Physics		Weapons Engineering	Naval Engineering	Naval Engineering
English	English	Civilization	Civilization		Humanities Elective	Humanities Elective	
Naval History	Gov't						Elective

Electives and major's courses are taken in addition to core curriculum

The College Classroom

Close Contact with Faculty

Faculty teach both lectures and labs

Tutoring and extra instruction

Support extra curricular activities

Civilian to military faculty ratio ~1:1

Small Class Size

Student to Faculty Ratio 8:1

Individual lecture halls and small labs

10-25 students per section

Midshipmen Daily Schedule

5:30 – Personal Conditioning

7:00 - Formation & Breakfast

8:00 – 1st-4th Academic Periods

12:00 – Formation & Lunch

13:30 – 5th – 6th Academic Periods

16:00 – Athletic Period

18:00 – Formation & Dinner

20:00-23:00 – Academic Study Period

Varsity Sports

Men

Baseball
Basketball
Cross Country
Football
Golf
Gymnastics
Lightweight Crew
Heavyweight Crew
Lacrosse
Soccer
Sprint Football
Squash
Swimming/Diving
Tennis
Track (indoor & outdoor)
Water Polo
Wrestling

CO-ED

Intercollegiate Sailing
Offshore Sailing
Rifle

Women

Basketball
Crew
Cross Country
Lacrosse
Soccer
Swimming/Diving
Tennis
Track (indoor & outdoor)
Volley Ball
Golf

Club Sports

Men

Ice Hockey
Lacrosse
Rugby
Volleyball

CO-ED

Cycling
Fencing
Judo
Karate
Marathon
Pistol
Power Lifting
Triathlon
Boxing

Women

Rugby
Softball
Ice Hockey

Intermural Sports / Other Athletic Activities

Fall/Spring/ Summer 5 sports voted each season

Flag Football
Basketball
Ultimate Frisbee
Soccer
Street Hockey
Combat Fitness
Racquetball
Volleyball
Fieldball
Softball
Lacrosse

Athletic Activities

Battalion Sailing
Brigade Boxing
Golf Tournament
Half Marathon
Street Hockey
Climbing Wall
Iron Man Contest
Judo
Kayak Race
10K run
3-Point Shoot
Strongest Mid
Swim Relay
Track Relay
Wrestling

Extra Curricular Activities

Cultural

Black Studies Club
Filipino-American Club
French Club
German Club
International Club
Korean Midshipmen Club
Latin American Club

Music

Church Choirs
Drum and Bugle Corps
Glee Club Gospel Choir
Masquerader (theater)
Pipes and Drums
String Ensemble

Service

Lucky Bag (yearbook)
Midshipmen Action Group
Mids for Kids
Nat. Eagle Scout Association
Trident Newspaper
Tutoring

Summer Training

Year	Vacation (4 Weeks)	Fleet Cruise (4 Weeks)	Leadership Development (4 Weeks)
4/C (Freshman)		Plebe Summer	Plebe Summer
3/C (Sophomore)	Summer Vacation Summer School Internships	Enlisted Experience	Sailing or Yard Patrol, Leadership Detail, Foreign Exchange
2/C (Junior)		Career Exposure	Sailing or Yard Patrol, Leadership Detail, Foreign Exchange
1/C (Senior)		Officer Experience	Sailing or Yard Patrol, Leadership Detail, Foreign Exchange

Graduation and Service

Graduate with Bachelor of Science

Commissioned as an Officer in the US Navy or US Marine Corps

Minimum 5-year service commitment

2020 Service Assignment – 1,023 Officers

Unrestricted Line			Restricted Line		
Assignment	Male	Female	Assignment	Male	Female
SWO (Conventional)	137	79	Cryptologic Warfare	11	6
SWO (Nuclear)	22	17	USMC Cyber	2	4
Submarines	108	31	Intelligence	0	4
SEALS	30	0	Oceanography	0	2
Explosive Ordnance Disposal	14	2	Medical Corps	7	1
Naval Pilot	173	54	Civil Engineering	3	1
Naval Flight Officer	27	20	Supply Corps	0	4
Marine Corps Pilot	76	15	Information Professional	1	3
Marine Corps Ground Officer	119	42			

STEM – Science, Technology, Engineering, Mathematics

Hands-on academic program exposing young student to the possibility of a STEM career

6-day program in June

Taught by professors and Midshipmen in USNA facilities

Applications for STEM opened on January 6, 2020 and close on April 15, 2020

Financial Aid is available for tuition and travel

Naval Academy Summer Seminar

6-day program for high school students during the summer between Junior and Senior year

2,550 rising seniors attend and experience life at USNA

Not a requirement for application to USNA

Applications for NASS opened on January 3, 2020 and close on March 31, 2020

Financial Aid is available for tuition and travel

Basic Eligibility

At least 17 years of age and must not have passed
23rd birthday on July 1st of year of entry

Unmarried, not pregnant, and
have no legal obligation to support
a child or other individual

United States Citizen by I-Day

Good Moral Character

The Online Application

- Personal Statement
- Fitness Assessment
- Activities Record
- Academic Information
- Math Recommendation (completed by previous or current year teacher)
- English Recommendation (completed by previous or current year teacher)
- High School Transcript (by mail)
- College Transcript (by mail)
- Official SAT or ACT scores

Physical Qualification

Candidate Fitness Assessment – (max score man/woman)

- Basketball Throw – 102”/66”
- Pull-Ups – 18/7
- 40 Yard Shuttle Run – 7.8/8.6
- Sit-ups – 95/95
- Push-ups – 75/50
- 1-Mile Run – 5:20/6:00

Administered by

- Physical Education Teacher
- Active-Duty Commissioned Officers
- BGO
- Team Coach
- (J)ROTC Instructors

Medical Qualifications

Department of Defense Medical Examination Review Board (DoDMERB)
schedules medical exams for all officer accessions

DoDMERB medical exam will be scheduled when candidate completes 50% of the
application

Status reported to candidate & Office of Admissions

Each Service Academy/officer accession program has different standards for
entry

Nominations

Nominations are required

Most student are eligible to
apply to at least 4 nomination
sources

Vice President

Both U.S. Senators

Congressional Representatives

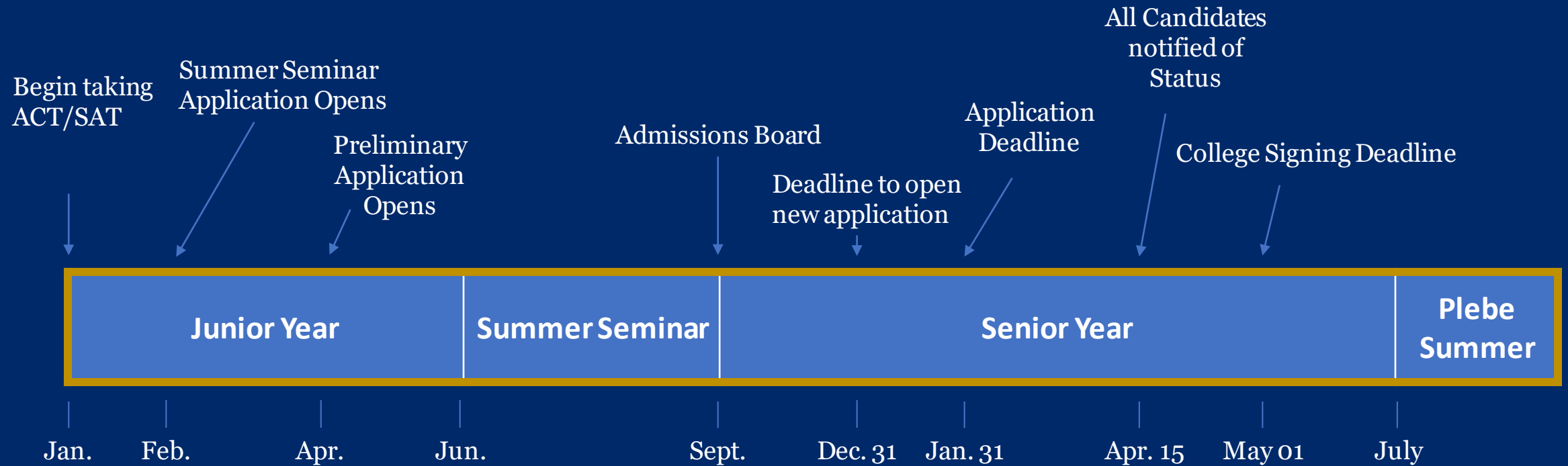
Domicile requirement

Nominating Sources have varying
deadlines

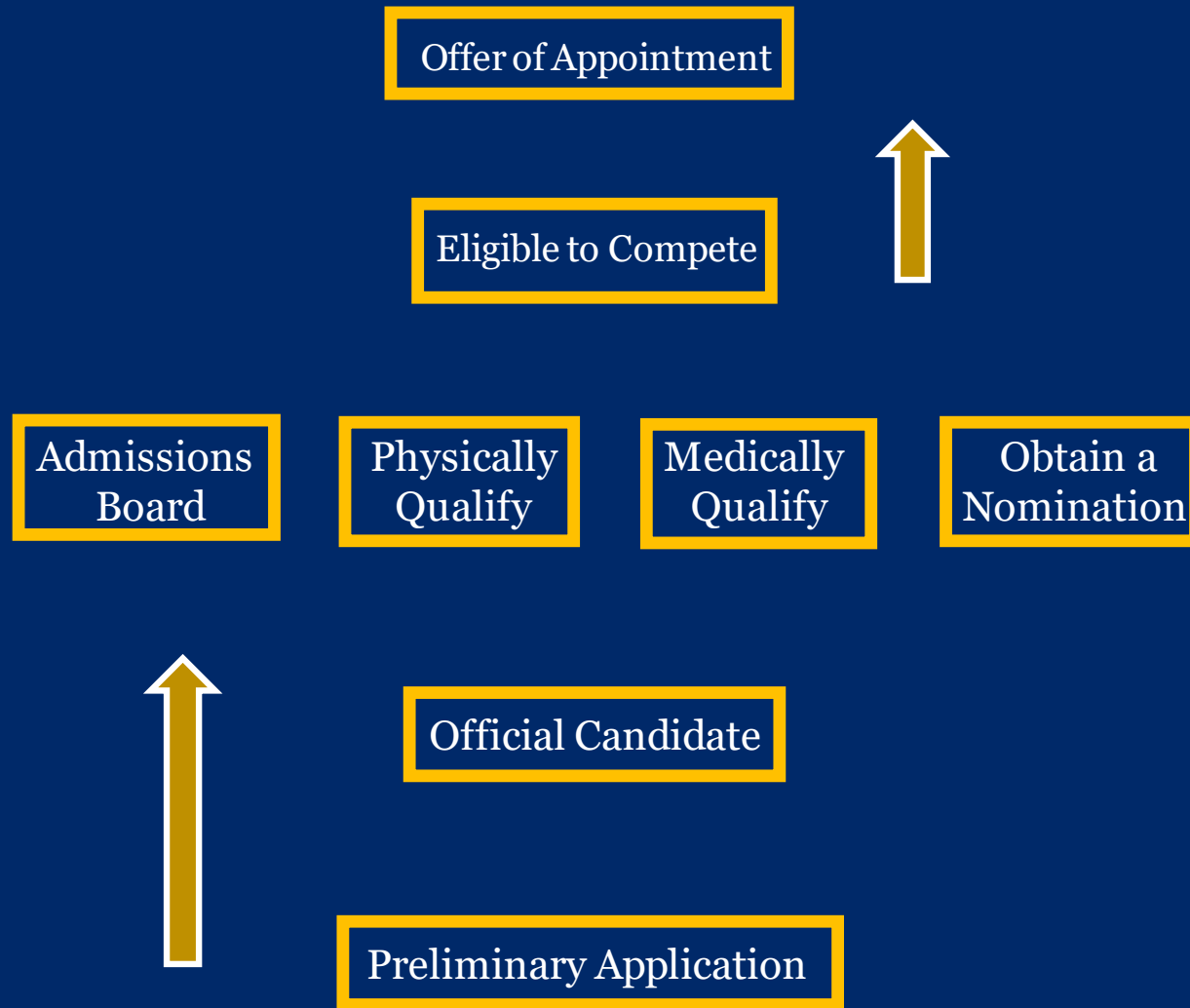
Check your nominating sources for
individual deadlines

Congressional websites are the best
source of information

The Candidate Cycle



Admissions Process



Preparatory Schools

Foundation Program

16 civilian/military Prep
Schools across the
nation

~40-50 students

Naval Academy Preparatory School

Located in Newport, Rhode Island

~230-250 students, sailors, and marines

Advice for Admissions

Strong Foundation in Math and Science

- Algebra, Geometry, Trigonometry, Pre-Calculus
- Chemistry and Physics (with a tab if possible)

AP/Honors/IB Courses are encouraged

No Minimum GPA

- Strive to be in at least the top 20% of your high school class

Well-rounded

- Demonstrated leadership potential
- Active in athletic and non-athletic activities

Take your SAT/ACT early and often (no minimum)

The United States Air Force Academy



Why the Air Force Academy

The United States Air Force Academy doesn't just expand students' minds, it prepares them to become some of our nation's greatest leaders. A dynamic and diverse mix of civilian and military faculty teach lessons with real-world applications. With a student-to-faculty ratio of just nine-to-one, the U.S. Air Force Academy provides a uniquely accessible learning environment.

Attending the U.S. Air Force Academy is an investment in your future. The Air Force Academy takes away the burden of trying to pay for tuition so you can focus fully on your studies. In exchange, after graduation, you will serve as a commissioned officer in the U.S. Air Force or U.S. Space Force in your chosen career field, putting your education into practice.

Every cadet receives:

- Cost Free Tuition
- Cost Free Room and Board
- Cost Free Medical Care
- Outpatient treatment, physical examinations and routine dental examinations
- Pay and benefits
- Access to a low-cost, government sponsored life insurance program

The Cadet Wing

Location

- Colorado Springs, Colorado
- 60 Miles from Denver
- World Class facilities on an 18,000-acre campus

Student Body

Cadets from:

- All 50 states, territories and foreign countries
- Diverse cultural heritages
- Active-duty airmen
- Leaders, academic scholars, varsity athletes
- 3,057 Men
- 1,165 Women

Class of 2022

Average Test Scores

SAT Verbal – 670

SAT Math – 695

ACT English – 31.3

ACT Reading – 31.3

ACT Math – 30.0

ACT Science – 30.6

Leadership

Athletic Letter – 82%

National Honor Society – 66%

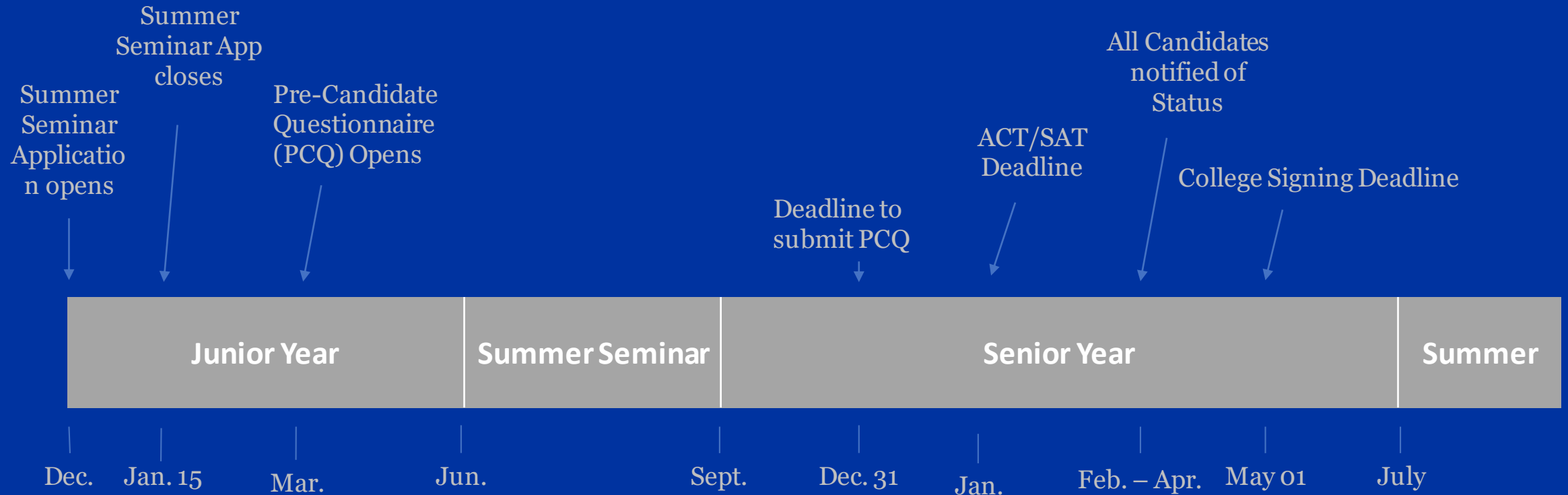
Scouting – 20%

Class President or VP – 17%

Boys/Girls State – 18%

JROTC Cadets – 13%

Application Process



Physical Qualifications

Exercise - (Av. Man / Av. Woman)

Basketball Throw – 69'/42'

Pull-ups – 12/2 (2 min.)

Flexed Arm Hand (Women only) – 31 sec.

Shuttle Run – 8.1/9.4 sec.

Modified Sit-ups – 81/78 (2 min.)

Push-ups – 62/41 (2 Min.)

One-mile Run – 6:29/7:30

Administered by

- Physical Education Teacher
- Active-duty Commissioned Officers
- Service Academy Liaison Officer
- (J)ROTC Instructors

Majors

Basic Sciences

Biology
Chemistry
Computer Science
Cyber Science
Mathematics
Meteorology
Operations Research
Physics

Engineering

Aeronautical
Astronautical
Civil
Computer
Electrical
Mechanical
Systems
Space Operations
General

Humanities

Foreign Area Studies
English
Foreign Language
History
Military Strategy
Philosophy
Religious Studies

Social Studies

Behavioral Studies
Economics
Geo-Spatial Science
Legal Studies
Management
Political Science
Nuclear Weapons &
Strategies

Core Curriculum

4/C Fall	4/C Spring	3/C Spring	3/C Fall	2/C Fall	2/C Spring	1/C Fall	1/C Spring
Intro to AF Engineering	Military History	Law for AF Officers	Airpower	Leadership	Ethics		Joint Ops
Calculus	Calculus						
Chemistry	Comp. Sci.	Chemistry	Engr. Mech	Biology	Aero. Engr.	Aero Engr.	Sci & Tech
Psychology	Physics	Physics		Prob & Stats	El. Engr.		
For. Lang.	For. Lang.	Pol. Sci.	Economics		World History	Management	Geopolitics
	English		English				English

Core = 96 hrs. of academic courses + 5 hrs. of phy. ed.

The College Classroom

Small Class Size

- Student to Faculty Ratio - 8:1
- Individual lecture halls and small labs
- 15-20 students per class

Accessible Faculty

- Faculty teach both lectures and labs
- Tutoring and Extra Instruction
- Full-Time Faculty (no TA's)
- Civilian to Military ratio - 4:6

Cadet Daily Schedule

5:15 – Personal Development
6:30 – Formation & Breakfast
7:30 - 1st – 4th Academic Periods
11:30 – Formation & Lunch
12:30 – 5th – 7th Academic Periods
15:30 – Development Time (Intramurals & Training)
17:00 – Dinner
20:00-23:00 – Academic Study Period
23:00 - TAPS/Lights Out

Varsity Sports

Men

Baseball
Basketball
Cross Country
Football
Golf
Gymnastics
Fencing
Lacrosse
Soccer
Swimming/Diving
Tennis
Track
Water Polo
Boxing Wrestling
Ice Hockey

Co-ED

Cheerleading
Rifle

Women

Basketball
Cross Country
Soccer
Fencing
Swimming/Diving
Track
Volleyball
Tennis
Gymnastics

Club & Intramural Sports

Women

Boxing
Rugby
Soccer
Softball
Lacrosse
Water Polo

Men

Rugby
Volleyball
Soccer
Softball
Golf

Co-ED

Ultimate Frisbee
Cycling
Judo
Karate
Marathon
Rodeo
Ski
Handball
Snowboard
Triathlon
Powerlifting

Fall & Spring Intramurals

Flag Football
Basketball
Ultimate Frisbee
Soccer
Cross-Country
Rugby
Racquetball
Volleyball
Softball

Clubs & Extracurriculars

Academic

Mock Trial
Model United Nations
Forensics
Business Leaders
Robotics
STEM Club

Cultural

Freethinkers
Hispanic/Latino Club
International Club
Native American Heritage
Schulte Assembly
Pacific Rim
Way of Life
Spectrum

Religious

Baptist Student Union
Fellowship of Christian Athletes
Cadet Interfaith Council
The Navigators (Intl. Christian)
Special Program of Religious Ed.
SPIRE (Jewish, Muslim, Buddhist,
Catholic, Protestant, Orthodox)

Music

Church Choirs
Drum and Bugle Corps
Blue Bards (theatre)
In the Stairwell
Show Choir
Orchestra

Military Professional

Sandhurst
Flying Club
Aviation
Airsoft
Combat Shooting
Emergency Medical Technicians
Honor Guard

Service

Arnold Air Society
Cadet for a Day
Big Brothers/Big Sisters
Unchained (Human Trafficking)

Summer Training

Year	Vacation (3 Weeks)	Military Training (3 Weeks)	Leadership Development (3 Weeks)
4/C (Freshman)		Basic Training	Basic Training
3/C (Sophomore)	Summer Vacation	Mock Deployment & Survival Training	Airmanship Program
2/C (Junior)	Summer School Internships	Operations Exposure	Leadership Program
1/C (Senior)	Cultural/Language Immersion Trips	Leadership Program	Leadership Program

Class of 2019 Job Assignments

Rated	Total
Pilot	518
Combat Systems Operator	5
Air Battle Manager	2
Remotely Piloted Aircraft	38
Non-Rated Operations	Total
Special Tactics Officer	5
Combat Rescue	3
Nuclear & Missile Ops	14
Space Ops	31
CyberSpace Ops	55
Other Specialty Career Fields	Total
Cross-Commission	4
Medical	27
Legal	1

Operations Service Support	Total
Scientist	23
Acquisition	90
Operations Support	Total
Air Liaison Officer	5
Airfield Ops	2
Info Ops	6
Intelligence	44
Weather	1
Aircraft, Munitions & Missile Maintenance	33
Logistics Readiness	25
Security Forces	9
Civil Engineer	22
Developmental Engineer	32
SE Human Factors	2
Special Investigations	5

Graduation and Service

Cadets will graduate with a bachelor's degree and will receive a commission as a second lieutenant in the Air Force or the Space Force

Cadets are required to serve 5 years on active duty and 3 years on active reserve

Cadets who attend flight school after graduation are required to serve for 10 years on active duty

Preparatory Schools

Air Force Academy Preparatory School

Located in Colorado Springs, Colorado

230-250 students and Airmen

Falcon Foundation Program

5 Civilian/military prep. Schools across the nation

~60 Students

Extra academic preparation prior to USAFA

NO separate application

Summer Seminar

640 rising seniors attend to experience life at USAFA

Not a requirement for application to USAFA

Cadets serve as cadre/mentors

Application opens each year on the 1st of December

The United States Merchant Marine Academy



The Academy's Mission

To educate and graduate leaders of exemplary character who are inspired to serve the national security, marine transportation, and economic needs of the United States as licensed Merchant Marine officers and commissioned officers in the Armed Services

Historical Overview

Merchant Marine Act of 1936

Established the U.S. Merchant
Marine Cadet Corps



1942

The Academy's
permanent site in
Kings Point, New
York was acquired



September 30, 1943

Dedication by President
Franklin D. Roosevelt



WWII

Shipboard training continued;
142 midshipmen gave their lives



1974

Became the first federal service
academy to enroll female students

What Do Merchant Marines Do?

The U.S. Merchant Marine consists of privately-owned, U.S. registered merchant ships

Provide waterborne transportation for passengers and cargoes moving in domestic and international commerce

In time of war or national emergency, the U.S. Merchant Marine serves as a “fourth arm of defense”

Industries Served by USMMA Graduates

Maritime Shipping Companies

Federal & State agencies with maritime missions

Cargo and terminal operations

- Maritime transportation management
- Maritime transportation logistics
- Port traffic management

Marine Engineering

- Shipboard engineering and design
- Navigation systems and instrumentation

Offshore energy industry

Maritime Security

Maritime environmental companies

Vessel Chartering and Brokerage

- Ocean surveying
- Marine insurance
- Salvage adjustment

Marine pilots associations and harbor masters

Stevedoring companies

- Labor relations
- Safety management

Naval architecture and ship construction

- Vessel design
- Offshore oil equipment
- Shipbuilding/ship repair/ship design

What Graduates Earn

Bachelor of Science Degree

Commission as Ensign in
the Navy Reserve

U.S. Coast Guard
License as Merchant
Marine officer
3rd Mate or 3rd Assistant
Engineer

Obligation

Work in the maritime industry for 5 years

Maintain U.S. Coast Guard License for 6 years

Serve in the U.S. Navy Reserve for 8 years

Military Options

5 years on active duty in any of the nation's armed forces or in the National Oceanic and Atmospheric Administration (NOAA) Corps.

Active-Duty Assignments

Branch of Service	2013	2014	2015	2016	2017	2018	2019
Navy	23	14	24	20	19	19	21
Coast Guard	5	7	5	13	14	13	16
Air Force	4	1	2	13	5	15	10
Army	9	5	8	3	10	6	11
Marine Corps	3	4	2	8	4	7	15
Percent of Class	23%	15%	19%	27%	33%	32%	37%
Reserve or Guard	0	2	1	3	0	5	2

Curriculum Structure

Trimester System

Hands-on training philosophy

Engineering Laboratories

Nautical Science Laboratories

Sea-Year Training

Training Vessel Kings Pointer

Academic Majors

Department of Marine Transportation (Deck License)

- Marine Transportation – nautical science and maritime business management
- Maritime Logistics and Security – nautical science, managing complex maritime and intermodal supply chains, security challenges facing the marine transportation system

Department of Marine Engineering (Engine License)

- Marine Engineering – shipboard engineering operations
- Marine Engineering Systems (ABET Accredited) - design of shipboard systems and machinery
- Marine Engineering and Shipyard Management (ABET Accredited) – management of shipyards, and the production and repair of marine vehicles

Course Snapshot

Marine Engineering

Calculus I, II, III
Physics I, II, III
Engineering Shop I, II
Engineering Graphics
General Chemistry
Chemistry for Marine Engineers
Differential Equations I, II
Operations Research I, II
Introduction to Marine Engineering I, II
Introduction to Electrical Engineering
Thermodynamics
Electric Circuits
Strength of Materials
Fluid Mechanics
Marine Engineering Management
Electric Machines Electronics
Basic Tanker Operations-Dangerous Liquids
Internal Combustion Engines
Gas Turbines and Marine Auxiliary Equipment
Marine Plant Automation and Controls
Naval Architecture for Marine Engineers
Shipyard processes and Procedures
Marine Project & Product Management

Marine Transportation

Calculus I, II
Physics I, II
General Chemistry
Terrestrial Navigation I, II
Introduction to Navigation Law
Maritime Communications
Liquid Cargo Operations
Ship Construction and Stability
Integrated Navigation I, II, III
Celestial Navigation
Meteorology
Dry Cargo Operations
Fundamentals of Business Law
The Business of Transportation
Accounting & Finance
Admiralty and International law of the Sea
Principles of Management
Principles of Economics
Integrated Logistics Management
The Maritime Regulatory Environment
Maritime Economics
Port and Terminal Operations
International Business

Regimental Program

All students are sworn into the U.S. Navy Reserve – Merchant Marine Reserve Program as Midshipmen and wear Navy uniforms

First Classmen, under the supervision of the Academy's Commandant of midshipmen, exercise command of the regiment

- Develops followership and leadership skills
- Emphasizes respect, honor, service, and courage

A Typical Day at the Academy

0600 - Reveille (All Hands)
0635 - Morning Inspection
0645-0730 - Buffet Breakfast
0730 - Morning Muster/Colors
0745 - First Class Period Begins
1210 - Muster for Noon Mess
1220-1250 – Noon Mess
1300 - Fifth Period Class Starts
1700-1900 - Athletics & Extracurricular
1730-1945 - Buffet Dinner
2000-2200 - Study Hall for All Classes
2200-0600 - Late Lights Period

Athletics Programs

Men

Baseball
Basketball
Cross Country
Football
Lacrosse
Soccer
Swimming & Diving
Track & Field
Wrestling

Women

Basketball
Cross Country
Lacrosse
Swimming & Diving
Track & Field
Volleyball
Soccer

Club

Ice Hockey
Rugby
Water Polo

Waterfront Programs

Capital Vessels
Offshore Sailing
Power Squadron
Keelboats
Dinghy
Rowing

General Eligibility Requirements

United States Citizen

Be between the ages of 17 and 24 by July 1 of the year of admission

Be of good moral character

Meet the physical, security, suitability, and character requirements necessary for a commission in the U.S. Navy Reserve

Evaluation

Admission Test Middle 50% Ranges

ACT

English – 25-31

Math - 26-29

SAT

Reading – 30-34

Math – 600-660

Academics – 75%

Transcript Review

ACT/SAT Scores

High School Class Rank

Leadership – 25%

School Official Evaluations

Athletic Activity

Non-athletic Activity

Physical Qualification

Candidate Fitness Assessment (Av. Man/Av. Woman)

Basketball Throw (Kneeling Position) – 67”/41”

Pull-ups – 9/3 (2 min.)

Flexed-Arm Hang (Women Only) – 19.8 sec.

Shuttle Run – 9.1/10 sec.

Modified Sit-ups – 72/68 (2 min.)

Push-ups – 54/33 (2 min.)

1-Mile Run – 6:43/8:06

Administered by

- Physical Education Teacher
- Active Duty (Non)Commissioned Officers
- Service Academy Liaison Officer
- (J)ROTC Instructors
- Professors of Military Science

Medical Qualification

Department of Defense Medical Examination Review Board

Good Physical and Mental Health

Height/Weight Requirements

Waivers given on a case-by-case basis

Candidates assessed as:

- Qualified
- Disqualified
- Remedial

Start as EARLY as possible!

Nomination

Everyone is eligible for at least three nominations: two senators, one representative

A nomination is the legal authority to tender an offer of admission

Be aggressive in pursuing a nomination!

Application Process

Submit Online starting May 1st of Junior Year and start seeking a nomination soon after

Required Components

Official High School transcript

Official test scores

School profile

Candidate Activities Record

Biographical Essay

School Official Evaluations:

- Math
- Chemistry or Physics
- English

File with DoDMERB and take your CFA before you start your senior year

Deadline to submit is February 1st

Admissions Strategy

Applicant (not parents) drives the process

Apply to all available nomination sources early

Complete Application early

Take the ACT and/or SAT multiple times

Take Chemistry, Physics, and Calculus

Practice for the Candidate Fitness Assessment

Complete the DoDMERB Physical

Visit Kings Point

Explore all your options

Decide what is right for you

Class of 2023

Average SAT Scores: 632 Reading; 666 Math
34% Ranked in top 10% of HS Class
67% Ranked in top 20% of HS Class
86% Ranked in top 40% of HS Class
Members of National Honor Society: 60%
National Merit Scholars or Finalists: 4%
Class Valedictorian/Salutatorian: 5%
Presidents of Class/Government: 11%
Earned 1 (or more) Varsity Letters: 85%
Team Captain of 1 (or more) Sports: 69%
Participated in Boys State/Girls State: 17%
Completed college credits after H.S. Graduation: 15%
Dual enrollment in college coursework during H.S: 38%
Members of JROTC: 10%
Members of Navy Sea Cadets or Civil Air Patrol: 9%
Members of Boys/Girls Scouts: 15%
Earned Eagle Scout/Gold Award: 12%

Candidate Orientation Visits

Available Tuesdays and Thursdays during the academic year

Day Visits: students who are at least in their junior year of high school

Overnight Visits: students who are at least seniors and submitted part 1

Midshipmen-escorted / a real “inside look”

Prep School

The New Mexico Military Institute

Located in Roswell, New Mexico

A year long program to prepare cadets with an atmosphere they can expect at other service academies

A cost-effective way to receive an academy-level education

Can be a springboard into any of the service academies

The United States Coast Guard Academy



Academy Overview

Smallest U.S. federal service academy (~1,000 Cadets)

40% of Class 2023 and 38% of Corps of Cadets are women, every officer billet in the Coast Guard has always been available to women

Nine Academic majors: seven STEM and two Humanities

Division III/I NCAA Athletics: 25 Varsity Teams; eight Club Teams; Company Intramurals

Swab Summer; Operational Summer Training Programs

Preparatory Schools

Qualified candidates with high potential may be sent to a one-year preparatory program to get them ready for the academic, military and athletic demands of the Academy

They will be sent to one of the following three schools:

Marion Military Institute

Located in Marion, Alabama

Naval Prep School

Located in Newport, Rhode Island

Georgia Military College

Located in Milledgeville, Georgia

The Academy Introduction Mission (AIM)

The Academy Introduction Mission (AIM) is a one-week summer program where you'll immerse yourself in Academy life. Exclusively for students entering their senior year of high school, AIM is regarded as the most realistic of the service academy summer orientation programs.

AIM will test and inspire you. It will push you to your limits. You'll rise early. You'll study. You'll compete. For six non-stop days, you'll test your mind, body and spirit in every way.

Intense, yet rewarding, AIM will help you to discover whether the Academy experience is truly what you want from college, and whether you have what it takes to succeed.

Key Dates (During Junior Year)

April 6 – Deadline to apply

May 1 - Decision Notification

May 18 - Enrollment Process Begins

June 1 - Scholarship Applications Due

June 5 - Scholarships Awarded

June 15 - Deadline for Session Selection

June 20 - Enrollment paperwork Due

Majors Offered

Civil Engineering

Electrical Engineering

Cyber Systems

Mechanical Engineering

Naval Architecture and Engineering

Operations Research and Analysis

Marine and Environmental Sciences

Management

Government

NCAA Sports

Men's Sports

Baseball
Basketball
Cross Country
Football
Lacrosse
Pistol
Rifle
Rowing
Sailing
Soccer
Swimming & Diving
Tennis
Track & Field
Wrestling

Women's Sports

Basketball
Cross Country
Lacrosse
Pistol
Rifle
Rowing
Sailing
Soccer
Softball
Swimming & Diving
Track & Field
Volleyball

Club Sports

Men's Ice Hockey
Triathlon
Men's Rugby
Women's Rugby

Application Dates

July 15 – Application opens
October 15 – Early Action deadline
By December 23 – Early Action decisions released
January 29 – Regular Admission deadline
By April 1 – Regular Admission decisions released
April 15 – Medical Examination deadline
May 1 – Appointment acceptance deadline
May 15 – Medical Exam qualification/waiver deadline
June 1 – Enrollment paperwork due
June 28 - Swab Summer starts

A complete application includes:

Online Application
Standardized Test Scores
Medical Examination
Physical Fitness Examination
Interview - when requested by
Admissions

Physical Qualifications

Exercise - (av. man/av. woman)

Cadence push-ups – 38/27

Two-minute sit-ups – 79/75

1.5 Mile Run - 10:31/12:29

Administered by

- Physical Education Teacher
- Active-Duty Commissioned Officers
- Service Academy Liaison Officer
- (J)ROTC Instructors

Class Profile

Class Rank

46% in the top 10% of high school class

82% in the top 25% of high school class

99% in the top 50% of high school class

Test Scores

Median SAT: Math 680, Critical Reading 660, Writing 6

Median ACT: Math 28, English 28

85% earned a varsity letter in high school

47% were team captains in high school

13% played in the high school band

3% performing arts members

41% have a parent who has served in the military

75% plan to pursue a technical major

Daily Schedule

06:00 – Reveille
06:20 – Morning Formation/Breakfast
07:00 – Military Training
08:00 – Morning Classes
12:00 – Lunch
13:00 – Afternoon Classes
16:00 – Athletics
18:00 – Dinner
19:00 – Evening Study Period
20:00 – Taps

Graduation and Service

Cadets will graduate with a Bachelor's of Science degree and be commissioned as an Ensign in the U.S. Coast Guard

Graduates are required to serve 5 years on active duty, but over 80% choose to serve beyond their requirement

Coast Guard Overview

11 Primary missions: Ports, Waterways, Coastal Homeland Security; Drug Interdiction; Aids to Navigation; Search and Rescue; Living Marine Resources; Marine Safety; Defense Readiness; Migrant Interdiction; Marine Environmental Protection; Ice Operations; Other Law Enforcement

USCGA Graduates: 85% Afloat; 10% Flight; 5% Ashore

USCG Officers: 55% OCS/Programs; 45% USCGA

USCGA Graduates: 80% 5+ Years; 40% 20+ Years