

AIR FORCE MEDICAL CAREERS AVAILABLE TO USAFA CADETS



There are four medical specialties available to cadets:

- Physician, Doctoral degree program
- Nurse, Master in Nursing program
- Dentist, Doctoral degree program
- Hospital Administrator [Medical Sciences Corps (MSC)]

If you are interested in joining a medical career after graduation, please contact a Health Professions Advisor for more information.

	Physician (graduate school) (44X)	Nurse (graduate school) (46X)	Dentist (graduate school) (47G)	Hospital Administrator (41A)
Description of the career field	Maintain comprehensive care for families that includes preventive medicine services, behavioral health and community healthcare	Plans, implements, and evaluates nursing care for DoD beneficiaries. Within scope of practice, provides professional nursing care, coordinates health services in an interdisciplinary and collaborative manner, acts as patient advocate, and advances desired health outcomes through patient and family education.	Maintain the dental health of Airmen and their families by supplementing the Air Force dental specialists. Examine, diagnose and treat diseases, abnormalities, injuries and dysfunctional disorders of the oral cavity.	Provide a wide array of skills to the health services utilization field encompassing: command, administrative, logistics and education functions supporting the provision of healthcare.
Academic Requirements	GPA: 3.2 min (realistic: 3.5)	GPA: 3.0 min	GPA: 3.0 min (realistic: 3.2)	GPA: 3.0 min (realistic: 3.5)
Admissions Tests	MCAT: 494 min, 123 in each subsection (realistic: 505)	GRE: 297 min	DAT: 17/30 (Realistic: 18-21/30)	GRE: 286 min (realistic: 300) or GMAT: 400 min (realistic: 567)
Required courses (see HP advisor for details)	Inorganic chemistry w/lab (CHEM 100; 110 or 200) (2) Organic chemistry w/lab (CHEM 233, 234, 243) Biology w/lab (BIO 210 or 315, 363 &/or 330 &/or 410 &/or 440) (2) Physics w/lab (PHY 110, 215) Statistics (MATH 300 or 356) (1) Calculus (MATH 141 or 142 or 243) (1) English (ENG 111 &/or 211 &/or 411) (2) Open to any major	Microbiology (Bio 431) Anatomy and Physiology (Bio 410 and Bio 440) Human Nutrition (Bio 370) Lifespan Development (Beh Sci 440) CPR certification may be required. Open to any major <i>Courses complete before 1^o yr.</i>	Inorganic chemistry w/lab (CHEM 100; 110 or 200) (2) Organic chemistry w/lab (CHEM 233, 234, 243) Biology w/lab (BIO 210 or 315, 332 &/or 363 &/or 330 &/or 410 &/or 431 &/or 440) (2) Physics w/lab (PHY 110, 215) Statistics (MATH 300 or 356) (1) Calculus (MATH 141 or 142 or 243) (1) English (ENG 111 &/or 211 &/or 411) (2) Open to any major	<u>6 of the following courses:</u> Accounting (MGT 341, MGT 342) Business Management (MGT 401) Economics (ECON 201, 201S, 301, 332, 333, 355, 356, 423, 478, 495) Finance (SYS ENGR 336; MGT 337) Information Management (MGT 391) Leadership (MGT 400, 448; BEH SCI 310, 310Z, 411, 412, 450) Marketing (MGT 375) Research & Analysis (OPS RES 310, 421, 422) Statistical Analysis (MATH 300, 356, 377, 378) Open to Management, Economics, & Operations Research majors
Recommended courses	Biochemistry (CHEM 434); required by many schools	None	Biochemistry (CHEM 434); required by many schools	None
Should also have...	Observation time with physicians	Observation time with a nurse	Observation time in dental clinics	Consider shadowing in a hospital or clinic & volunteering in a hospital
HPAC Interview	REQUIRED: Spring of 2^o yr	REQUIRED: Spring of 2^o yr	REQUIRED: Spring of 2^o yr	REQUIRED: Spring of 2^o yr
Number of slots	18	3	2	4
Additional commitment	4 years (Total of 9 years)	3 years (Total of 8 years)	4 years (Total of 9 years)	Minimal
When to apply	Take the MCAT by the end of your 2 ^o year. Apply to medical schools of your choice the summer before your firstie year.	Take the GRE in the spring/summer ending your 2 ^o year. Apply to the selected nursing programs early fall of your firstie year.	Take the DAT by the end of your 2 ^o year. Apply to dental schools of your choice the summer before your firstie year.	Take the GMAT or GRE by September of your firstie year. Apply for the MSC program early in the fall of your firstie year.
How to apply	Coordinate your intent to apply with the USAFA Health Professions Advisor, because you must receive the Superintendent's approval to apply, and the application process varies depending on the program. Briefly, the application will usually include a personal essay, transcript, and letters of recommendation. You also may be interviewed by the program to which you are applying.			
Relevant websites	https://sharepoint.usafa.edu/academics/biology/Health%20Profession%20Information%20Library/Forms/Standard%20View.aspx Air Force Healthcare Professionals website: http://www.airforce.com/healthcare/			

AIR FORCE CAREERS IN THE BIOMEDICAL SCIENCES CORPS (BSC) AVAILABLE TO USAFA CADETS

There are five specialties in the Biomedical Sciences Corps (BSC) available to cadets:

- Aerospace Physiology (AP)
- Bioenvironmental Engineering (BEE)
- Physician Assistant (PA), Master's degree program
- Physical Therapy (PT), Master's degree program
- Clinical Psychology, Doctoral degree program



If you are interested in joining the BSC after graduation, please contact the BSC Health Professions Advisor for more information.

	Aerospace Physiology (43A)	Bio-Environmental Engineering (43E)	Physician Assistant (graduate school) (42G)	Physical Therapy (graduate school) (42B)	Clinical Psychology (graduate school) (42P)
Description of the career field	Teach physiological effects of flight. Expert on physiological problems associated with flight, conduct research. Supervise hypobaric chamber units.	Apply engineering and scientific knowledge in identifying and managing risks, including chemical, physical and biological stress factors, for health protection.	Practice medicine under physician supervision, providing a broad range of diagnostic and therapeutic services.	Evaluate, treat, and prevent orthopedic, cardiopulmonary, and neurologic disorders.	Evaluates, diagnoses, and treats psychological & neuropsychological disorders. Teaches, supervises, & directs clinical psychology & related mental health programs
Academic Requirements	GPA: 3.25 min	GPA: 3.0 min	GPA: 3.0 min (realistic: 3.25)	GPA: 3.25 min (realistic: 3.65)	GPA: 3.0 min (realistic GPA: 3.4-3.8)
Admission Test	Not Required	Not Required	SAT: min score 450 in each area, 1425 combined	GRE: Min: 297 (realistic: 308)	GRE: Min: 302 (2 yrs old max) (realistic: 310 – 325)
Required courses (see HP advisor for details)	No additional courses required Open to Beh Sci, Human Sys Engr, Biology, Biochemistry, Basic Sciences majors	No additional courses required Open to Engineering, Biology, Chemistry, and Physics majors	Anatomy and Physiology (Bio 410 and 440), Microbiology (Bio 431), Medical Terminology Open to any major	Anatomy and Physiology (Biology 410 and 440), Lifespan Development (Beh Sci 440) Open to any major	**Behavioral Science and Leadership major preferred**
Recommended courses	Biopsychology, Introduction to Human Factors, Aerospace Physiology, Anatomy and Physiology (440), Exercise Physiology	Microbiology, Environmental Engineering, See page 4 of Biology Majors' Handbook	Orgo Chem w/ lab (Chem 230/233/243/234), Biochemistry (Chem 434)	Biomechanics, Exercise Physiology	Statistics Coursework in Chemistry, and Biology
Should also have...	Observation time at a hypobaric chamber Must pass a Class III flight physical.	Observation time with a BEE officer	HIGHLY recommended: 30 hours shadowing time with a military PA	REQUIRED: Minimum of 100 hrs of volunteer time in a variety of PT clinics	Research experience (independent research project highly encouraged)
HPAC Interview	REQUIRED: Spring of 2° yr	REQUIRED: Spring of 2° yr	REQUIRED: Spring of 2° yr	REQUIRED: Spring of 2° yr	REQUIRED: Spring of 2° yr
When to apply	Apply for AP program early in the fall of your firstie year.	Apply for BEE program early in the fall of your firstie year.	Retake the SAT in the summer or fall of your firstie year. Apply to the Interservice PA school in the late fall of your firstie year.	Take the GRE in the summer of your firstie year. Apply to the Baylor DPT program late fall of your firstie year.	Take the GRE in the summer or fall of your firstie year. Apply to the USUHS Clinical Psychology program late fall of your firstie year.
Additional commitment	Minimal	Minimal	4.5 years (Total of 9.5 years)	5 years (Total of 10 years)	7 years (Total of 12 years)
Number of slots	5				
How to apply	Coordinate your intent to apply with the USAFA Health Professions Advisor, because you must receive the Superintendent's approval to apply, and the application process varies depending on the program. Briefly, the application will usually include a personal essay, transcript, and letters of recommendation. You will be also interviewed by a senior officer in the career field for which you are applying.				
Relevant websites	https://sharepoint.usafa.edu/academics/biology/Health%20Profession%20Information%20Library/Forms/Standard%20View.aspx Physician Assistant Education Association: http://www.paeonline.org/ Army-Baylor Physical Therapy Program: www.cs.amedd.army.mil/BaylorPT Allied Health Careers Recruiting Website: http://www.airforce.com/careers/#allied-health Clinical Psychology Application (USUHS): http://www.usuhs.mil/mps/militaryprograms.html				