



DEPARTMENT OF THE AIR FORCE
AIR FORCE RECRUITING SERVICE (AETC)

Memorandum for Engineering Students

From: TSgt John A. Olson
US Air Force

Subject: Air Force Scholarship

Dear Sir/Ma'am,

The US Air Force is offering 1 and 2-year scholarships for all Engineering Majors. We will pay your tuition, fees, and lab expenses plus give you a monthly stipend of \$1050.00 for each month you are in school. After completion of your degree you will serve 3 years as a Bioenvironmental Engineer in the Air Force (see attached sheet for job description). If you are interested in finding out more about this opportunity please email or call me.

I look forward to hearing from you soon and thank you for your time.

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Biomedical Sciences Corps

BIOENVIRONMENTAL ENGINEER

Air Force bioenvironmental engineers manage programs that affect almost every aspect of the Air Force community. As an Air Force bioenvironmental engineer, you'll use your professional skills to evaluate the community and workplace environment, and make recommendations to correct environmental hazards. You'll work in areas such as industrial hygiene, radiation protection, environmental engineering, disaster preparedness, medical facilities, biomedical engineering, medical readiness, biomedical and environmental engineering research and in Air Force-wide consultation services.

You'll supervise bioenvironmental engineering technicians and work with physicians, environmental health officers, base civil engineers, safety officers and disaster preparedness officers. You'll act as liaison with local, state and federal health and pollution control agencies.

During disaster or combat conditions, you'll evaluate environmental hazards and make recommendations to commanders regarding personnel protection, public health engineering, temporary shelters, decontamination and air base recovery operations.

Career Opportunities

Air Force bioenvironmental engineers are members of the Biomedical Sciences Corps and compete for promotion only against other BSCs. Usually, bioenvironmental engineers enter the Air Force as second lieutenants. If you have appropriate experience or an advanced degree, you may be allowed to enter active duty at a higher rank. As you gain skills and experience, you may climb the promotion ladder up to the rank of colonel.

When you enter active duty, you'll attend a 19-week course in Air Force bioenvironmental engineering given at the Air Force School of Aerospace Medicine at Brooks Air Force Base, Texas. After graduation, expect to work in bioenvironmental engineering at an Air Force base in the continental United States. Some bioenvironmental engineers go into research and development in their first assignment.

As you gain experience, you'll get progressively more responsible assignments at larger Air Force bases or at a facility that serves several Air Force bases. Other areas you may be assigned to are instructor duty at the Air Force School of Aerospace Medicine or research with the Air Force Material Command. You may also have tours at the Air Force Occupational and Environmental Health Laboratory and the Air Force Engineering and Services Center. Senior bioenvironmental engineers usually direct the engineering programs of the Medical Service at major commands.

Educational Opportunities

The Air Force needs the best bioenvironmental engineers. To meet this goal, they offer you a variety of educational opportunities. You are encouraged to attend continuing education courses sponsored by the Department of Defense, other federal agencies and civilian organizations. You'll attend an engineering symposium conducted at the Air Force School of Aerospace Medicine. You're also encouraged to participate in professional organizations such as the American Industrial Hygiene Association, American Society of Civil Engineers, National Society of Professional Engineers, and the American Conference of Governmental Industrial Hygienists.

If you qualify, you may be selected to obtain an advanced degree at a civilian institution. This program is funded by the Air Force Institute of Technology. Master's degrees are available in sanitary engineering, industrial hygiene, environmental health engineering, industrial health engineering, bioengineering, biomedical engineering and health physics. If you want to pursue an advanced degree on your off-duty time, the Air Force may pay up to 75 percent of your tuition and fee.

Like all Air Force officers, you'll take professional military education courses to give you a broader view of the Air Force mission and its operations. Most courses are taken by correspondence or in seminar. You may be selected to take some in residence.

Credentials

To join the Air Force team, you must have a bachelor's degree in engineering from a school accredited by the Accreditation Board for Engineering and Technology, or a master's degree in industrial hygiene. A degree in architecture is required to work in that field. Air Force bioenvironmental engineers are expected to become certified by professional organizations such as the American Board of Industrial Hygiene and the American Academy of Environmental Engineers or be registered as a professional engineer.

See your Air Force Health Professions recruiter for details, TSgt John Olson at (312) 922-2923. Visit our website at: <http://hp.airforce.com>



HEALTH PROFESSIONS