Engineering Still Thing

ANNAPOLIS, Md. — The U.S. Naval Academy offers perhaps one of the most versatile engineering programs available to young men today.

In the face of the Navy's increasing demand for young officers with engineering expertise, the Naval Academy has expanded its opportunities from a lock-step curriculum that offered the same 40 courses to all midshipmen only 10 years ago to a program of 26 majors that includes 8 different engineering degree areas.

In a matter of relatively few years, fully accredited curricula in aerospace, electrical mechanical systems, marine, ocean and general engineering and naval architecture have been developed at the Academy.

Expanding Program

To meet the needs of the expanding program, engineering classrooms and laboratory facilities spread throughout the Academy Yard will be soon combined in the modern new Engineering Studies Complex now under construction.

Scheduled for completion in 1975, the complex will compare with the undergraduate facilities of any university in the country.

The engineering facilities and program were among the reasons mechanical engineering major Midshipman first class Richard Samuels, of Cleveland, Ohio chose the Naval Academy.

Good Programs

"When I was in hgh school I decided I wanted to be an engineer," Rich says. "The Academy has a good program and the professors here are excellent."

Another thing about Navy's engineering program adds Rich, who hopes to fly after he graduates, is that "You get a good combination of engineering and management courses here so that both in the service and in civilian life you get a good background for almost anything you want to do."

An engineering major at the Academy requires a lot of time and hard work.

Engineering Majors

Midshipmen engineering majors are required to take physics, calculus, material science, some electrical and electronics engineering and professional and humanities courses in addition to their major subjects.

Engineering majors usually take between 18 and 20 hours of classes each semester and are required to have 140 or more hours of credits when they graduate at the end of their four years at the Academy.

All of the Naval Academy engineering programs give midshipmen an opportunity to pursue research projects on their own or with a team as part of class projects.

Exceptional students may be named to the Academy's Trident Scholar program in their senior year, allowing them to work on a research project with a professor advisor in lieu of a full class load.

In a time when the trend in American universities is away from engineering, the U.S. Naval Academy is encouraging midshipmen to go into engineering fields, offering them some of the best facilities, professors and programs available to undergraduate students today.

Peggy Brooks Heads Hopkins Health Program

BALTIMORE — Peggy A. Brooks has been named director of The Johns Hopkins Medical Institutions' Health - Sciences Careers Program for high school students.

The appointment was announced by Dr. Malcolm L. Peterson, dean of the University's new School of Health Services.

The Health Sciences Careers Program aims to interest high school students in the school.

Miss Brooks will coordinate the activities of the Dunbar Medi-School, the School Without a Building, the Health Sciences Careers Program and the Neighborhood Youth Corps.

She will also develop new educational approaches in health training for high school students; identify promising students and help them obtain further education toward their health career.

Miss Brooks' previous positions include: project director of the first Health Sciences Careers Program in 1966; director of the School Lunch Program on Mayor Thomas D'Alesandro's staff; Member of Governor Agnew's Task Force on Modern Management; member of the Johns Hopkins University Committee on para-professional Personnel and administrative aide to Congressman Paul Sarbanes.

She is a graduate of Goucher College and she received an M.P.H. degree from the School of Hygiene and Public Health.

PEGGY BROOKS. . .heads Hopkins' student health program.

HU Shortens Medical Program

The curriculum committee and faculty of the College of Medicine has approved a three-year shortened curriculum leading to the degree doctor of medicine.

Students who are completing the first year in the regular medical curriculum and, who have maintained a satisfactory grade in each course, may apply to participate.

Selected students are expected to be certified for the program after they have passed "special" National Board Examinations in anatomy, microbiology, biochemistry and physiology and will be expected to enter studies in pharmacology, pathology and physical diagnosis during the Summer of 1972.

Other curriculum adjustments for these students, who enter the shortened curriculum in 1972, will enable them to complete degree requirements by May 1974.

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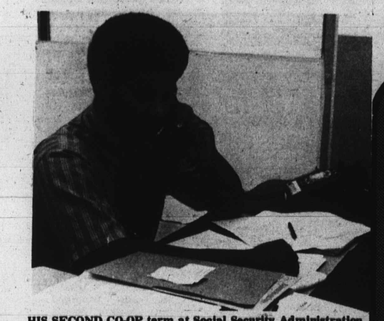
A PLANS FOR PROGRESS AND EQUAL OPPORTUNITIES EMPLOYER

Jobs for Coeds at SS

BALTIMORE, Md. — Are you undecided as to what you want to do after graduation from college?

If you are, the Social Security Administration would like to offer two alternatives to help you in your decision.



HIS SECOND CO-OP term at Social Security Administration, in the Bureau of Health Insurance, in Baltimore, is as exciting for Early Reese, a senior accounting major at Virginia State College, Petersburg, Va., as his first and even more challengingly.

The first alternative is the Social Security Administration's Cooperative Education Access Program; the second is the College Work Study Program.

GET AN IDEA

Both programs are geared to the college student and both attempt to help the student get an idea of what it's like to work in semi-professional and professional jobs.

More than 240 students in 30 colleges nationwide are finding out what it's like to work for the Social Security Administration in a professional position.

These are the Social Security Administration's Access students.

ACCESS PROGRAM

Under the Access program, students alternate full time periods of work with their regular academic study.

Of course, for many of them this means a delayed graduation. But for most, both the immediate and long range benefits of the program far outweigh the extra few months required.

What is it that makes the Access program appealing to the average college student?

Well for Daisey Harris, a senior majoring in history at Morgan State College, it "was the challenge."

OTHER SPORTS

Edwin played varsity baseball at Tougaloo and is interested in other sports as well. He is a talented singer and a member of a group which has entertained club goers for several years.

Desmond Adams is a junior at Tougaloo, majoring in political science. He also hopes to go on to graduate school.

He is interested in baseball, hunting and fishing and, like his brother Edwin, possesses a fine singing voice.

EXCELLENT WORK

He and his wife, Mary, have been married for six years and have one child, Desmond Jr.

"These three young men have been doing excellent work and the Bureau of Reclamation has been fortunate to have them for the summer," Lundberg stated.

"Tourists who pass through Boulder City always comment on the beautifully-manicured lawns, and this beauty is in a large part due to the efforts of these three men," he concluded.

"As a student you really never know what your potentials are for professional jobs," she said. "You always have vague ideas about what you can do but if all your time is spent in class you never have the chance to find out.

"I'm assigned to the division of personnel at Social Security and I've been involved in a number of challenging situations since I've been here.

JOB INTERVIEWING

"Job interviewing and recruiting have been among the most challenging," she continued. "I could never imagine myself sitting down and talking to my own peer group about the advantages of working for the government."

Ron Smith, the program coordinator, also stresses this aspect of the program.

"The idea is not only to offer career related work but to make the assignment challenging enough to the student to interest him in working for us after he or she graduates."

VOCATIONAL INTERESTS

Each assignment is planned around the student's academic major and his vocational interests. The coordinator tries to place students where their abilities will be put to the greatest possible use.

The length of an assignment may vary from three to six months. In most cases this is enough time for the student to decide whether the job is one that appeals to him as a possible career.

CRITICAL LOOK

It also gives the agency time to take a critical look at the student's ability to perform in a professional job situation.

Successive assignments give the student a chance to take on more responsibility while becoming familiar with the agency and its functions.

Good job performance, successful scholastic achievement and an interest in learning more about the Social Security Administration, are the only prerequisites for continued participation in the program.

While in Access you are considered a Federal employee and receive most benefits extended to regular employees.

You're also a federal employee while in school, although you won't get paid for it.

While working, you receive a full salary at the GS-3 or GS-4 level depending on your academic standing in school (sophomore and junior).

WORK EXPERIENCE

You may be promoted to GS-5 ($7,319), once you achieve a combination of work experience and senior standing.

Each time you return to school, after the first assignment, Social Security will pay most of your educational expenses including travel but not your room and board.

You must however, sign a training agreement which commits you to work one month after graduation for every month you spend in class, which is not as bad as it might seem.

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- Dietitians
- Engineers (ME, CE, EE, and General)
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- Medical Technologists
- Microbiologists
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- Physicians (MD)
- Psychologists (PhD)
- Social Workers (MSW)
- Therapists

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