

End of Lab Requirement Said to Be Possibility

Liberal arts students may be able to fulfill part of their mathematics-science requirement with non-laboratory courses, if the college decides that they are not really necessary for a true appreciation and understanding of certain sciences.

Paul M. Althouse, professor of agriculture and biological chemistry, at a meeting of the liberal arts faculty, said he is convinced that a laboratory work is not necessarily useful or essential for a student who wants an overall view of the biological sciences.

New Grants In Sciences Announced

The Graduate School has announced a new type of National Science Foundation graduate fellowship for the year 1959-1960.

These new fellowships, known as Cooperative Graduate Fellowships, provide a wider institutional distribution of NSF-supported graduate students than did the regular predoctoral graduate fellowships of the foundation.

About 1000 fellowships are to be awarded in March, 1959 in cooperation with 115 universities.

The university may recommend a total of 38 applicants for these fellowships in the following areas: "mathematical, physical, medical, biological, engineering and other sciences including anthropology, psychology (including clinical psychology), and from the following social sciences where they conform to accepted standards of scientific inquiry by fulfilling the requirements of the basic scientific method as to objectivity, verifiability and generality: geography, mathematical economics, econometrics, demography, information and communication theory, experimental and quantitative sociology and the history and philosophy of science."

The student awarded a fellowship receives a stipend of \$2200 for 12 months or \$1650 for the academic year.

Applications must be submitted to the Dean of the Graduate School, 104 Willard, no later than December 15, 1958. Interested students may inquire for further information at the Graduate School Office.

Mil Ball--

(Continued from page one) rated with shining stars.

Those in the receiving line were: Bill Westgard, captain of Scabbard and Blade and Brigade Commander of the Army ROTC; Michael Chapman, captain of the Quarterdeck Society and Battalion Commander of the Navy ROTC; Robert McNeill, Division Commander of the Air Force ROTC; Eric Taylor, Executive Officer of Pershing Rifles; James Sloan, Squadron Commander of the Arnold Air Society; John Moyer, Military Ball Committee chairman; and their dates.

Music Education Panel To Hold TV Discussion

Two University professors will discuss music education in a 10-minute television discussion program, "Penn State: Its Men and Ideas," at 9:50 a.m. on Monday, Wednesday and Friday on WFGB-TV, Channel 10.

Dr. Hummel Fishburn, head of the music and music education departments, and Dr. Frances Andrews, professor of music education, will be the speakers.

Israel Film to Be Shown

"Israel: The Next Ten Years," a kinescope recording of a television program presented nationally last May, will be featured at 7:30 p.m. tomorrow at B'nai B'rith Hillel Foundation.

Dont' Play 4-F; You May Be One Now

Some young men who reach the critical age of 18 can stop dreaming up rare illnesses and exaggerating the extreme pains in their slightly flat feet, for the army has become more choosy about the men they draft.

The demands of complicated warfare machinery call for men of a higher calibre than ever before, and medical officers will be rejecting men who do not measure up to strict standards set by law.

Only about one out of three men examined during World War II and the Korean action were rejected for physical, mental or moral reasons. But the odds are now 50-50 that a man will be exempted from serving in the Army.

One reason that men were taken who did not meet the Army's standards was that medical officers had fairly broad powers in interpreting and applying requirements.

For instance, it was up to them to decide whether a man with eyes only slightly weaker than the standard should be drafted.

Now the Army Surgeon-General has told examining stations to apply strictly the physical requirements of the draft law.

Mental standards were raised by Congress in July. Only those who scored 10 or below on the mental test could be disqualified before. Now, only those with scoring 31 or above will definitely be drafted.

However, those with scores between 10 and 31 will be given aptitude tests for different fields of work. If they pass two of them satisfactorily they will be accepted in the service.

Upperclasswomen's Tea

A tea for upperclasswomen will be held tomorrow afternoon from 2:30 to 4:30 p.m. in Atherton lounge. It is being sponsored by the freshman women.

Schwarzkopf Drew Acclaim in Teens

Elizabeth Schwarzkopf, noted soprano who will give a concert at 8 p.m. Wednesday in Schwab Auditorium, first attracted the attention of music critics while still a teenager.

During her studies at the Hochschule fur Musik in Berlin she won first prizes in theory, harmony, musical history, piano, viola and singing.

Students who wish to attend the concert may obtain tickets by presenting matriculation cards at the Hetzel Union desk beginning at 1 p.m. Sunday. The sale of tickets to non-students will begin at 9 a.m. Monday. The price is \$1.25.

Miss Schwarzkopf's first professional engagement was at the Berlin Civic Opera House and her first role, which she learned in an emergency in less than 36 hours, was a flower-maiden in "Parsifal". Her salary was \$50 a month at the start, and before her first season had ended, she was singing four or five times a week.

Three years later her salary had been quadrupled and she was given her first important role. That season she sang 187 performances, and it was during this time that she attracted the attention of Maria Ivogun who took the young singer as a private pupil.

The interest of this noted interpreter proved to be the turning point in Miss Schwarzkopf's career. Miss Ivogun and her husband, Michael Raucheisen, a noted accompanist and coach, diverted Miss Schwarzkopf's interest to the art song and prepared her for lieder recitals.

She went to Vienna to give her first lieder recital and remained there even after World War II to become the recognized star of the Vienna Opera. She attracted the interest of the management of Convent Garden in England and went on to London.

Miss Schwarzkopf made her first United States appearance in 1953 and has been extremely popular here ever since. Her appearance on campus is the seventh Artists Series program of the semester.

Freezing Weather To Return Today

Button up your overcoat—winter temperatures are setting in again.

Today will be partly cloudy, windy and colder with a few snow flurries likely and a high of 30 degrees and a low of 14.

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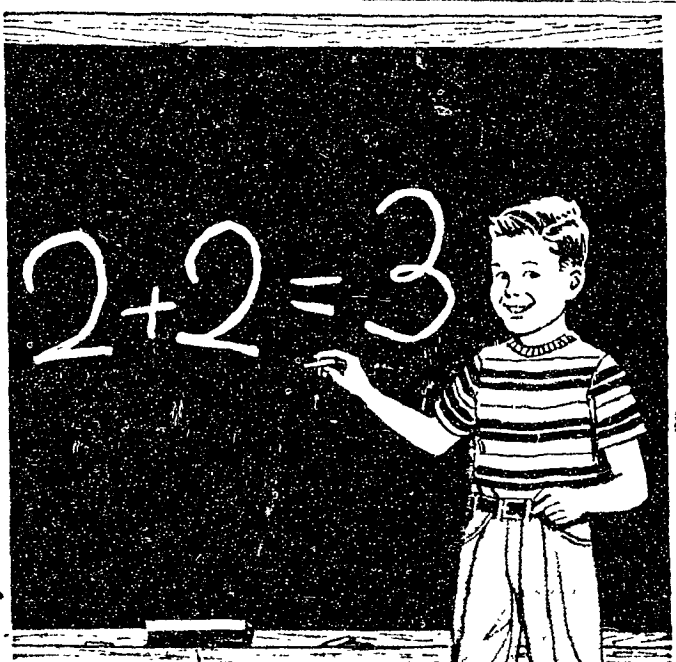
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What kind of Arithmetic is this?

Doesn't exactly make sense, we'll have to admit. But neither do some of the present tax laws.

For instance, a strange twist in federal law lets several million American people and businesses escape paying all the taxes in their electric bills that you pay in yours. More than 23% out of every dollar you pay for electricity goes for taxes—but members of this "privileged class" pay only a small fraction of that. The reason: They get their electricity from federal government electric systems that you help support.

Most Americans think everyone should pay his fair share of taxes. How do you feel about it?



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