Science Curriculum Changes Announced

The science options have formed tentative curriculum revisions designed to facilitate the changing of one option after the sophomore year. These will be submitted to a meeting of the faculty on May 31.

Common to all departments is the elimination of specific sophomore "scientists" courses. Geology, astronomy, and the like will still be offered, but students may choose other science or engineering courses.

The Geology and Biology departments plan substantial changes, while the Math, Physics, Astronomy, and Chemistry options will undergo only slight fudging. The Chemistry and Biology revisions have received Faculty Board approval. Other option's programs will be considered on May 24.

HAY: PHYSICS

The sole change in math requirements is the extension of Math 5 from a two to a three-term course in the sophomore year. electives taken in the sophomore year must be in other departments.

There will be several changes in upper-division math electives, but Math 186 remains the only specific upper-division requirement.

The Physics Department plans no changes in requirements. Eighteen of the 27 newly freed sophomore elective time must be spent outside of the Math and Physics Departments.

Astronomy majors will continue to have the same requirements, with several new senior electives available next year.

CHEMISTRY

Liberalization in requirements for the chemistry option took place two years ago, and only minor changes are planned this year. Chem 41 and 46, organic chemistry, continue to be required in the sophomore year. Only 12 of the 27 newly freed sophomore elective time must be spent outside of the Math and Physics Departments.

No chemistry courses may be taken in the new sophomore elective time. Nine units of chemical engineering will be permitted as new courses. Chem 97, which was offered second term to introduce interested sophomore chemistry students to practical chemistry.

GEOLGY

Geology 1 and Mineralogy, Ge 2, are the courses which the Division of Geological Sciences plans to require of sophomores. (Continued on page 3)

Six RA's Chosen To Fill Vacancies

Six new Resident Associates for the Student Houses were appointed this week by the faculty Student House Committee. They are Phillip Banks, geology; William Dove, chemistry; Noel Foss, chemistry; Dr. Robert Rinken, chem engineering; Robert Ryan, math; and Dr. Richard Andels. The men are dining in the House this week, and will be assigned to specific vacancies by Dr. Huttenbach, with the advice of the HRC next week. John Andels will continue as RA of Richette.

Gals Hit Tech For Enjoyably Lost Weekend

Tomorrow the 1960 Edition of ASCIT's annual Lost Weekend will get under way as imported girls arrive from all parts of the country.

Residents of secluded areas in the Student Houses will vacate their rooms to make way for the guests. ASCIT Social Chairman Tim Little and a committee of freshmen and sophomore women have planned a full schedule of events, starting Friday afternoon.

Friday, May 1

2:00 p.m.—Girls arrive on campus and check into their rooms.

7:00 p.m.—Dinner will be served in the Olive Court around the dinner table and girls will meet and exchange efforts.

8:00 p.m.—The Gordon Mitchell band will play in the Olive Court except during folk-singing and entertainments.

At the same time there will be a candle party running in Hitchett Lounge.

Saturday, May 2

Beach party at Huntington, maps will be provided.

1:00 p.m.—Pipe Line.

4:00-5:00—Marina country. Show at Golden Nugget. Din.

6:00 p.m.—Pitcher books available today.

9:30 p.m.—Cocktail party at a house near campus.

Sunday, May 3

9:30 a.m. and on—Breakfast at Le Bayou.

Prof's Join NAS

Dr. Norman R. Davidson, professor of chemistry; Dr. Murray Goldman, professor of theoretical physical; Dr. Roger W. Sperry, professor of psychophysiology; and Dr. Olin H. Madelung, paleontologist, are recently elected members of the National Academy of Sciences. Election constitutes their recognition of their search achievements.

Mr. George Green, Institute vice-president (center), and two Physical Plant officials investigate fire damage on top floor of new Keck building.

Fire Breaks Out On Keck Third Floor; Construction Delayed

The fire began early Saturday morning in one of the Keck Laboratories. So far, nobody has come close to the blaze or how much it will slow down construction of the building, which was slated to be occupied in mid-September.

The fire began Saturday morning in the northern third of the top floor. Flames burned through wooden cabinets and formed still in place on the third floor were noticed by passersby, who in turn notified the Pasadena Fire Department at the height of the blaze, six trucks were taking up most of the space on the grass and streets by the building.

The bulk of the fire department's attention thus far was breaking through to the fire area, a thick concrete wall and ceiling by the building.

Insurance adjusters, the Physical Plant Department, and insurance companies are working around in the ashes from last Saturday's fire in the shell-which-is-to-be Keck Engineering Laboratories. So far, nobody has come close to the blaze or how much it will slow down construction of the building, which was slated to be occupied in mid-September.

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By-Laws Revision

We strongly urge the adoption of all five revisions to the ASCIT by-laws to be presented on next Tuesday’s ballot (see complete text on page 61). All are in the spirit of simplication and flexibility.

Removal of the definitive quota on the membership of the Executive committee should greatly in making it possible each year to organize the most effective group. For example, if some year there are seven qualified applicants and the committee feels that the services of all would be valuable, all seven candidates could be considered.

Any revision in the nomination procedure has long seemed necessary to prevent a candidate from nominating an unknown student for the position of officialdom to be held each year to organize the most effective group. For example, if some year there are seven qualified applicants and the committee forms an impression, it seems a ridiculous rule that it must be followed.

Forcing the Executive committee to meet every week even before it is convened seems a ridiculous rule.

FORCING the Executive committee to meet every week even when it is inconvenient or there is nothing pressing to discuss (of course this should never happen) seems a ridiculous rule and should be removed. Since any two members can call a meeting, this seems sufficient guarantee of justice.

A revision in the nomination procedure has long seemed necessary to prevent a candidate from nominating an unknown candidate on the first night of nominations to close the race against him on the first night of nominations to close the race.

Courses.

Students.

The scholarships will be awarded on a basis of need.

The money is to be used for charities drive. The money is to be given to the neediest cases.

Also, on the profound side are two Ingram Bergman films, "The Magician" and "Wild Strawberries," which are currently showing at the State in Pasadena.

"Wild Strawberries" is about an old doctor, and is a stream-of-consciousness portrayal of a day in his life. Full of his impressions, his daydreams, and his meditation, it is a very relaxed and unpressed and unhappy childhood. It is also full of super camera work, and this performances by the well-drilled Swedish National Theater troupe of actors.

The moral theme of "Wild Strawberries" hinges about the eternal loneliness of every man. Bergman does his usual effective job of getting his ideas across.

"The Magician" poses some problems for scientists. It is the story of a person who is apparently a charlatan traveling about Europe presenting a magic and hypnotism show. At one point the audience asks how the "Magician" wins up in the country of some type. The audience and "Magician" together come up with a Russian import. The audience is then confronted with a rationalistic doctor and an antagonistic police captain. The struggles of the hero with these functionsaries and with his own twisted soul, provides ample ground for Bergman to investigate science and its pretensions.

We've received numerous complaints in the past three weeks that the campus bulletin board that occasionally falls into a sad state of disrepair.

Many people depend on the bulletin board for up-to-date information regarding times and places of films, and for other things such as panel discussion, chamber music, and leaguer swimming finals.

Chuck Brooke, ASCIT representative, has certainly fallen down on the job. Let's see what we can do about stirring up some action. Then visitors to the campus, students, and faculty will have an accurate and constantly available source of information.

Letters

Editor, California Tech:

It is incumbent upon those who speak from the field of ophthalmology to be accurate in their statements of fact. To wit, the student's Column of April 28, 1960.

"A psychologist is not a personal adjustment counselor or a specialist in guidance; he is a trained specialist in helping those faced with a mental illness." (p. 1)".

Other statements in the column related to emotional, personal and social problems, and may also open to questions and discussion. However, these are necessarily set forth as the President's opinions. They should be respected as such, and should not be necessarily accepted as valid statements of fact.

Daneil C. Magel, M.D.
Spring evidenced itself quite forcefully this past week. A small group of inspired Tech- nite, who had been rebuffed by the well-organized (continued from page 1) student body that once upon a time was known as the Beatniks from the South Lawn, came back with a vengeance. After the reporter took some photos of the picketers she was informed by the police that they were required to leave after remarking that he didn’t think there was any news in the Glendale Examiner. If he said anything that was true, no one but the pair and entered into a lengthy debate. It seems there’s a law against racial discrimination and, therefore, the public director of the Lawn claims that Negroes can’t be buried wherever they want. When asked how many were buried in the Glendale cemetery, the public director claimed that he had no idea, and that he didn’t even know what sort of burial the picketers were claiming that the Lawn Cemetery was violating. Apparently the publicity man quickly disposed of the story and also disposed of the picketers. He is almost completely controlled by some mass media—if it is not television, then it is religion, or anything to bory the individual through a pile of “desirable” values. Otherwise, passersby would ask us what we hoped to gain by picketing. The answer was simply: Love.

satisfaction of another humanities course. Economics Professor Alan Swezy states that the Math Department’s policy is a very wise one. The consensus of Faculty members polled is that individual departments are free to substitute other humanities requirements for economic studies.

in the theory the biology option plans to have no requirements in the sophomore year. However, Chemistry, Physics, and General Microbiology, and Biology 3 is the new course replacing Genetics as a third-year elective. Advanced Plant Biology, BI 5, is being dropped and some of the material incorporated in BI 3, still a 12-unit junior course in plant biology.

The Times reporter finally left after remarking that he had come in hope of a Charter story and inquiring he didn’t think there was any news in the Glendale Examiner. If he said anything that was true, no one but the pair and entered into a lengthy debate. It seems there’s a law against racial discrimination and, therefore, the public director of the Lawn claims that Negroes can’t be buried wherever they want. When asked how many were buried in the Glendale cemetery, the public director claimed that he had no idea, and that he didn’t even know what sort of burial the picketers were claiming that the Lawn Cemetery was violating. Apparently the publicity man quickly disposed of the story and also disposed of the picketers. He is almost completely controlled by some mass media—if it is not television, then it is religion, or anything to bory the individual through a pile of “desirable” values. Otherwise, passersby would ask us what we hoped to gain by picketing. The answer was simply: Love.
Occidental Wins Track Crown

Caltech was unable to finish better than last in the conference track meet held Friday at Occidental College. Oxy won the meet easily, as expected, in both the varsity and freshman divisions.

In the varsity meet, Occidental demonstrated why it deserves to be rated among the nation’s best track teams as it won almost every event easily. The final results of the meet were: Occidental, 109%; Redlands, 54%; Whittier, 27%; Pomona, 18; Claremont, 10 and Caltech, 6.

GOOD VARSITY MARKS
Caltech got three thirds and a fourth to make up its total of five points. Several of the Bearers failed to repeat pre-meet marks and were unable to get points that had been expected, but others equaled or excelled their all-time bests to place in the heavy competition.

The pole vault proved to be Caltech’s big event as both Pete Lux and John Weaver managed to get places. Lux equaled his best previous mark of 12 feet and took fifth place, while John Weaver returned to his form of previous years and did 12 ft. 6 in. to get fourth. These performances were all the more significant as the meet was held at night and the crossbar was difficult to see for those athletes who were accustomed to daylight competition.

Dick Tuft, the best time of his life to get fifth place in the mile. His time, just five seconds off the school record, was 4:27.2.

The relay team (consisting of Dick Tuft, Mike Ruecker, Ben Burke and Tom Kelly) cut several seconds off their best time this year to get themselves a place.

FINISH SHOW POTENTIAL
The freshman relay team of Stan, Dash, Pfeffer and Lindsey finished second to Oxy in the final time of 3:28.6.

John Letcher, a newcomer to athletic competition, tied for second in the high jump with a 5-foot 10-inch performance.

Jan Dush flies through the air with greatest of effort as he jumps in freshman Conference track finals at Oxy last Friday.

Tech Sweeps Twin Slate From CHM

The Beaver’s varsity swept a doubleheader from Caltech last Saturday after losing their last home game to Redlands.

Dick Hakemore hurled the first game and had a two-hit shutout until the ninth inning, but a walk and two hits gave the Stage three runs. While Hakemore was holding the Stage quiet, Tech was pushing across runs steadily. Fred Newman showed a return to his old form as he went through for three and batted in two runs. The final score was 8-0.

Although the Beaver piloting in the second game was less consistent, the Techmen bashed out a nine-run second inning to set an insurmountable lead. The explosion was sparked by a grandalman home run from the bat of Skip Siefelt, and led to a 19-6 Tech victory.

In the only losing cause, Redlands took the Beavers to the tune of 11-7. Tech hit well, but not so well. Newman, Blakemore, and Walsh all had three hits each for the Came crew, and had a hard time finding the range, and Redlands scored almost at will.

Good Year Comes to End

This is the final week for varsity sports—soon the records will be written. Caltech did well this year. We won the home-coming football game, finished high in water polo, did better in basketball than we had done in five years, played close games with the best in the country in soccer, had good strong frosh squads in nearly every sport, and won the conference swimming title. And tomorrow, we’ll probably take third in the conference tennis tournament. No Caltech team was really humiliated this year, they all had their moments of glory. Many of the teams were able to pull off big upsets; the JV soccer squad upset UCLA’s powerful JV, the water poloists shocked Oxy, and the football squad beat CMC in a supposed upset. Not the least of these, the basketball team lost a twelve point game to Whittier, after leading much of the way. The Poets went on to the quarter-finals of the NAIA national tournament.

The outlook for next year is even brighter. For the first time in several years, Caltech has put together two good athletic classes in a row—this year’s sophomores and freshmen. The sophomores carried more than their normal load this year, and the freshmen promise to be even better in many respects. So look for an even better year during 60-61, and if we get really lucky and land a few top athletes for next year’s frosh—well, world, watch out!

Good Varsity Marks

Unfortunately, the track team did not do very well in league competition this year, although it had a very good record against weaker nonleague opponents. This may have been due to the lack of good material for Coach LaBrucherie to work with. Next year, however, there is very little doubt that the Techmen will be the best of the three big schools the conference has to offer.

Caltech Wins Team Sailing Title, Oxy 2nd

Caltech won the Pacific Coast Intercollegiate Team Racing Championship from Occidental last Sunday. The Caltech team, consisting of three boats skippered by Tom Bowman, Doug Stewart, and Keith Matthews, respectively, swept the first race and was never again headed.

Tom Bowman again proved to be the best of the skippers as he sailed to two firsts, two seconds, and a fifth. Keith Matthews finished second in the regatta as he sailed to a first and three thirds.

Caltech’s overwhelming victory over the usually strong Occidental Tigers was due primarily to the poor performance of Sue Eykle, Oxy’s best skipper.

Pomona Takes Golf Match

It was the same old story for the Caltech golf team last Friday. This time they bowed to Pomona, 260, in a match played at Los Serranos Country Club, the victor’s home course.

In their win Pomona displayed the power that has kept them atop the conference standings all season. Five of their top six men scored in the 70’s. Stan Jones led the Sogebesma with a 78.

Tomorrow Caltech meets the Los Angeles State JV team at Brookdale. This could conceivably be the first—and last—win of the year for the Techmen.

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Robinson Talks On Sit-Down Strikes

Marvin Robinson, student body president of Southern University, will give a speech on the recent sit-down strikes in the South. The speech will be given in Dalney Lounge at 7:30, next Tuesday evening, May 17. Pasadena College (not FCC) is invited. Marvin will also lead an informal discussion at 4:30 the same afternoon in the Y Lunchroom.

The Southern University has been very active in the recent sit-down strikes in southern chain stores. In these strikes, Negro students occupy lunch counter seats in a cafeteria which refuses to serve Negroes. The result is that no customers can be served at all. The students are instructed not to serve Negroes beligerent or use violence. Often, whites try to use force in order to evict the Negroes. Surprisingly enough, it is the Negroes who are arrested in large numbers, while the white are usually ignored by the police.

Marvin's visit is unique in that it is being paid for both by ASCIT and the YMCA. It is being sponsored by the Inter-College Council, an association of 19 Southern California Colleges. This council feels that college students in this area should have first-hand information on this unusual student movement. Marvin was suggested by the United States National Students Association, and is recommended by the National Association for the Adancement of Colored People. The NAACP feels that Marvin will be of the great Negro leaders of our generation.

Walla, Burke Win Sheppard Prize -- $200

Gary Walla, president of Blacker House, and Ben Burke, president of Rickett's, have been voted the annual Don Sheppard award.

The prize carries a $200 cash award to each to be used to pur- chase cultural opportunities in and around Los Angeles, which they might otherwise not be able to enjoy. The grant is made each year to one or more outstanding resident of the Student Houses in memory of Don Sheppard, a Caltech graduate who died in an accident the summer following his graduation.

Last year's prize went to Brad Erson and Tom Jovin.

GARBAGE

Did you know that mussels grown in fresh water are two-elevens normal size?

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705 North Branch Blvd., Glendale 3, Calif.
Telephone: Citrus 6-1651
ASCIT Lists By-Law Revisions
To Be On Ballot Next Tuesday

Five revisions of the ASCIT By-Law proposed by the Board of Directors will be included on the class election ballot. Here is a brief explanation of each, with a brief explanation of why the Board feels these changes should be made.

Article VII: Executive Committee, Section 1: Proposed wording: The Executive Committee shall consist of the President of the Corporation and six members appointed by the President, five of whom shall be alternate members of the Board of Directors. An alternate member of the Board of Directors holding a vacancy in the Executive Committee shall be a member of the Board of Directors in good standing who has been appointed for one-year terms and who has not served on the Executive Committee for a period of five years.

Proposed Revisions: The Executive Committee shall consist of the President and eight Board members appointed by the President, five of whom shall be alternate members of the Board of Directors for one-year terms. Alternate members of the Board of Directors shall be members of the Board of Directors.

Sec. 6: Proposed wording: The Executive Committee will meet at least once a week.

Proposed Revisions: The Executive Committee will meet at least once a month.

These two proposals relate to the Executive Committee, that group of our organization which considers long-range objectives of ASCIT and immediate problems of the campus philosophically. The revisions are designed to give the committee greater flexibility in its operation. It is expected that the number of outstandingly well-qualified applicants will vary from year to year; the first revision enables each ExCom to appoint all of them without any “ballot.” Since the ExCom has nothing to do with nominations, it requires no action, it is senseless to require the committee to meet weekly.

The failure to give the chair man power to call a meeting week in and week out on any whim will give the committee a semblance of independence from the demands of the Executive Committee. Clearly, the chairman of the committee should be able to call a meeting of that committee.

Article VIII: Elections
Sec. 1: Proposed wording: Executive elections shall be held every three years. The existing system shall be closed.

Proposed Revisions: Executive elections shall be held every four years. The existing system shall remain open.

This proposed revision concerns the length of time that nominations will remain open. Presently, it is possible for a candidate (or his friends) to close nominations at the nominations meeting by nominating another person. This might prevent a better man from being nominated later on. Under the proposed system, all nominations remain open five days, and this becomes impossible.

Five days was picked instead of seven because it was felt that this would lessen anxiety for the candidates without incurring the risk of a potential candidate not making up his mind soon enough.

Sec. 3: Proposed wording: The office of Social Chairman will begin to a new year; it held in the office in the Junior or Senior year.

Proposed Revisions: The Social Chairman will hold the office for one year; he shall be appointed for one-year terms; vacancies shall consist of the President of the Corporation and five members appointed by the President for one-year terms.

These two proposals relate to the Executive Committee, that group of our organization which considers long-range objectives of ASCIT and immediate problems of the campus philosophically. The revisions are designed to give the committee greater flexibility in its operation. It is expected that the number of outstandingly well-qualified applicants will vary from year to year; the first revision enables each ExCom to appoint all of them without any “ballot.” Since the ExCom has nothing to do with nominations, it requires no action, it is senseless to require the committee to meet weekly.

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