No Shift In Policy Expected For S-E's

By SHIRLEY JONES

Changes in the science and engineering departments next year are expected to be slight modifications of specific courses, with no important changes in policy.

THE MECHANICAL Engineering Department will have new courses in physical metallurgy, theoretical mechanics, and thermodynamics. Surveying has been dropped. In the third, fourth, and fifth years students will have more electives. Joyous news is that the laboratory load will be lighter.

The Chemical Engineering Department lists the following additions to its program: classical mechanics of molecules, physics of flow through porous media (senior courses); dynamics of phase growth, molecular flow of gases and advanced applied mathematics (graduate courses).

CHEMICAL ENGINEERING students in the upper levels will have the option of choosing a (Continued on Page 7)
minor in applied mechanics, environmental engineering, process control, molecular mechanics, or management.

The Electrical Engineering Department will continue to emphasize the desirability of a solid foundation in all fields of science and engineering. The purpose of its engineering program will be to indicate possible methods of attacking problems. Additional graduate instructors will expand the teaching capacity of the Electrical Engineering staff.

The Civil Engineering Department reports no substantial change whatsoever. The Physics Department is also planning nothing essentially different from what it is presently offering.

THE BIOLOGY Department has three important areas of change. Non-majors will be eligible to take physiology and anatomy the first semester and botany the second. A new course, physiology and anatomy, will be taught by several members of the biology staff. Each professor will lecture in specialized areas.

Dr. Val Woodward, who is on leave in Europe, will be back second semester; therefore genetics will be taught second semester. A mammalian physiologist from UCLA, Dr. Jack W. Hudson, will have a position as an assistant professor. He will teach a semester of vertebrate zoology and a semester of vertebrate physiology.

THE GEOLOGY Department is anticipating no major course alterations; however, there is a possibility of having a visiting professor from Germany and one from South Africa. It is also possible that there will be more students from abroad.

Next year's activities of the Geology Department will include a national meeting of geologists to be held here in November, a special symposium entitled “Frontiers in Geology,” and another symposium in the spring on natural radiation in the environment.

MOST OF THE apparent changes in the Mathematics Department are actually courses that are offered in two or three year cycles. One real change, however, is the expansion of algebra and topology, previously taught in Math 440. Math 441 will be a full year course in advanced algebra; Math 442, a course in topology. Math 440 is being discontinued.

Benjamin Franklin Jones will be a new assistant professor in space for research work.

the Mathematics Department. Guy Johnson will return from a sabbatical leave at the University of Illinois.

THE CHEMISTRY Department is currently in a transition period. Organic chemistry will remain a sophomore course but will still be open to any juniors who want to take it. Analytic chemistry will be taught in two semester courses, Chemistry 220a and Chemistry 320b. Chemistry majors will take both in their junior year, but pre-med students can take Chemistry 220a in their sophomore year.

Renovation of the Chemistry Building will start in the summer and will continue during the school term. The object is to move undergraduate laboratories off the third floor, freeing that