on file in the Chancellor's Office; therefore, any suggested change relates to that document. Our consideration should consider the 12,000 FTE limitation. The physical master plan cannot be approached without this preceding Academic Master Plan.)

(W. Anderson) Is the college image and emphasis being considered beyond mere numbers?

(R. Keif) Are Trustees interested in "mix"?

(D. Andrews) To some extent.

(J. Stuart) How will this pie of 12,000 be cut as to various schools? Shouldn't some decision be recommended by this group as to numbers?

(R. Keif) If numbers were extrapolated by trend of past "X years", do you think we could accept the figures?

(J. Stuart) Those numbers should be known prior to a consideration of the type program.

(C. Fisher) Extrapolation is not possible—e.g. percentage of physicist for student body of 10,000 will not remain the same percentage for 20,000.

M/no second C. Fisher


Meeting recessed till 3:15 p.m. Thursday, 27 March.

A. Meeting reconvened March 27, 1969 by Chairman, Rod Keif.

B. Senators in attendance:

W. Alexander  C. Cummins  R. Keif  R. Pautz
W. Anderson  D. Federer  R. Kennedy  C. Piper
R. Andreini  C. Fisher  D. Koberg  R. Ratcliffe
A. Andreoli  R. Frost  L. Lewellyn  G. Rich
D. Andrews  G. Furimsky  B. Loughran  A. Rosen
R. Asbury  V. Gates  J. Lowry  C. Russell
C. Beymer  C. Gibson  T. Meyers  E. Smith
W. Brown  M. Gold  H. Miles  J. Stuart
W. Burgess  D. Grant  B. Mounts  H. Walker
E. Chandler  S. Harden  K. Murray  A. Wirshup
F. Clogston  R. Harris  L. Osteyee  V. Wolcott
Guests

F. Tellew     R. Carsel     L. Lamouria
O. Servatius  W. Curtis     W. Schroeder
H. Smith      A. Butzbach    J. West
B. Roberts    D. Hensel     J. Simmons

C. Announcement:

Academic Senate Meeting
8 April 1969 - Changed to
Science B-5 at 3:15 p.m.

D. Business Item: Academic Master Plan (Cont'd.)

(R. Keil) There is a motion before the house to consider several proposals from the Curriculum Committee; list to be approached alphabetically.

1. To offer Computer Science M.S. in 1973
   (No objections.)

2. To offer Economics B.S. (originally B.A.) in 1971

   (Favored by gross majority with scattered no's.)

   (O. Servatius) Departmental consultation favors the change to B.S.

   (C. Cummins) I concurred.

   (R. Frost) What reasons are used to change from B.A. to B.S.? This involves a change in units of specialization.

   (V. Wolcott) We are reviewing a request for a degree program; a request for consideration of "what" not "how" it is to be implemented—i.e. we are not asked to look at the "guts" of the program.

   (C. Cummins) A decision at this point should be made as to whether it will be a B.S. or B.A.

   (F. Tellew) B.S. is favored by the Department.

   (Ken Murray) (ASI) A student petition has been completed which favors the degree program in Economics.

   (V. Wolcott) The Business Administration Department could absorb FTE from its allotment.
(Favored by majority with scattered no's.)

(R. Andreini) Will next year's Committee be asked to review this?

(R. Keif) The entire Academic Master Plan is reviewed annually.

(Unanimous approval)

(R. Keif) Dr. Higdon promised the FTE to come from the School of Engineering quota.

(Unanimous approval)

(Rejected H - 19)

(R. Keif) The Department requested this addition for 1970; however, calendar would not allow inclusion in Catalogue copy by that time.

We must ask ourselves from where will the FTE originate?

(C. Fisher) The Social Science Department made proposals last year for expansion in areas of History, Sociology and Political Science. I supported History and Political Science by virtue of their relationship to our basic curriculum concepts. By the same token, I would favor Behavioral Science only if it was allied to Social Service in its pragmatic connotation.

It is inappropriate for this group to react since its Committee has not had a chance to work with the department involved.

M/S "To defer action on Psychology" C. Fisher/E. Smith

(A. Butzbach) I speak in favor of Psychology but not against Behavioral Science.

So vital is the understanding of human relationship that its basic tenets should be fostered. Psychology should be the beginning in this area; it could serve as the forerunner for Behavioral Science that might follow. All CSC, except Cal Poly, offer majors in Psychology—some have for as long as 40 years, and
some offer the degree at the masters level. Psychology should be the sound basis for expanding in an interdisciplinary curriculum of Behavioral Science.

(D. Federer) Dr. Fisher's motion is out of order in that a motion on the floor is to consider this as a part of the Academic Master Plan.

(D. Andrews) *Roberts Rules of Order* would allow Dr. Fisher's motion as being in order.

(D. Grant) The motion is in order and discussion at this point should be limited to the subject of deferment.

(C. Fisher) (Read from the Curriculum Committee's report of last year; the gist of which was the need for greater consultation re Behavioral Science.)

(B. Loughran) Let us not postpone; the need is now.

(D. Federer) Let it be thoroughly discussed, now; not postponed for subsequent action.

(C. Gibson) Behavioral Science can (and should) be postponed for subsequent conversation since it exceeds the 5 year Master Plan and extends into the "Blue Sky" period.

(W. Burgess) The question of the origin of the FTE has not been answered.

(R. Andreini) Deferment is tantamount to rejection.

(C. Fisher) Motion for deferment should not be equated with defeat; timing makes the difference.

(A. Rosen) FTE allocation has been previously decided; therefore, any recommendation implies a request for reconsideration.

M/S/23 ayes; 7 noes  C. Gibson/S. Harden
To close debate.

Motion to defer Psychology passed, 20-16.

M/S  R. Andreini/D. Federer
To consider Behavioral Science at this time and remove it from the Academic Master Plan.
(R. Andreini) Behavioral Science is being used as a "stalking horse" to shoot down Psychology.

(C. Gibson) The motion might be hasty and premature in that its importance dictates that committee study and action be made.

(C. Fisher) Even though I favor the motion, I do not share the idea that Behavioral Science has become a "stalking horse".

M/S/Defeated W. Anderson/C. Gibson
To table.

(A. Rosen) Would someone speak for Behavioral Science? Is there a proponent?

(R. Kennedy) (Nonverbatim) There are those concerned with this area who most likely would have been present had it been listed as an agenda item.

The annual review of the Master Plan should respect a certain consistency. We would be ill-advised to stake a claim in the "Blue Sky" area; disclaim it the following year; only to subsequently request it again. This would allow those to whom we recommend view us with uncertainty; they believe in flexibility, but not inconsistency.

Motion to consider and remove Behavioral Science defeated, 11-19.

(R. Keif) Would the President and W. Anderson (ASCSC) care to informally report the Trustees recent meeting on campus?

(R. Kennedy) Pleasure was expressed toward the spirit with which these guests were received on our campus. This report also reflected a certain pride in our student body reaction.

(W. Anderson) Career oriented students are not the ones causing trouble on campuses; the student without a commitment is the one most apt to be a rabble-rouser.

M/S/U J. Stuart/C. Johnson
To adjourn.

Respectfully submitted.
This meeting is being held to complete our recommendation to the President on the Academic Master Plan Updated.

The Curriculum Committee has prepared an expanded and revised report of its recommendations (attached) for the Senate's consideration and approval. We MUST complete this item in order to have our input to the Academic Master Plan.
MEMORANDUM

TO: Rodney G. Keif, Chairman  
Academic Senate
FROM: Robert Andreini, Chairman  
Curriculum Committee

DATE: March 26, 1969

SUBJECT: Academic Master Plan Updated

I. In view of the discussion and information made available at the March 17 meeting of the Academic Senate, here's a revised and expanded report to supersede our February 25 report (which was attachment VII of the Academic Senate agenda of March 11). The revision and expansion takes into account:

A. Actions taken by last year's Curriculum Committee and Faculty-Staff Council which affect the College's Academic Master Plan.

B. Influence of the 12,000 FTE ceiling enrollment figure on new programs and academic master planning.

Therefore, I wish to change my motion, as it appeared in our February 25 report, to read:

The Academic Senate recommends that the President include the following programs in the report of our Academic Master Plan Updated:

1. Computer Science - MS 1973
2. Economics - BS 1971
3. Maricultural Engineering - BS 1973
5. Physics - MS 1973
6. Psychology - BA 1971

Notice that the new motion includes the two Master of Science programs which were referred to in last year's report.

II. Last year's Curriculum Committee recommended the following programs be requested for 1973-74:

- Computer Science - MS, Maricultural Engineering - BS, and Physics - MS.

The Committee recommended against a BS in Behavioral Science for 1973, but for procedural reasons only.

The Faculty-Staff Council did not act on any of these four programs because the Chancellor's Office wanted programs and implementation dates only through 1972-73. However, these four programs were among those listed in
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III. Since 1973-74 now falls within the five-year scope of our Academic Master Plan, we request the Academic Senate recommend the inclusion of the following programs:

**Computer Science** - (Abstract): "This is a graduate program with major emphasis in the design and application of computer systems. It will include work in mathematical analysis, logical design of systems, computer control of external devices, and programming systems and languages. It will extend the college's Bachelor of Science programs in Mathematics, Computer Science, and Engineering. It will be designed to meet the changing demands for computer technology as anticipated by business and industry. Our first-hand information from recruiters and industry will be very valuable in the design of the curriculum for this degree."

**Maricultural Engineering** - (See our February 25 report for abstract.)

**Physics** - (Abstract): "The Master of Science degree in Physics is to prepare physicists for immediate employment in industry, government service, and other scientific endeavors and to prepare prospective physics teachers. The program is consequently a logical extension of the existing Bachelor's degree which stresses occupational competency. Much of the need nationally and particularly in California for physicists and physics teachers must be met by those who have received the Master's degree. Because of the concentration at this college of closely related programs in engineering, science, and mathematics, this program is particularly appropriate."

Table 4C of last year's Academic Master Plan showed 12 and 24 FTE of the ceiling figure of 12,000 FTE charged to Maricultural Engineering and Behavioral Science respectively. Presumably the FTE necessary to mount the two Master's programs were included in the figures for the Bachelor's programs in those two disciplines.

IV. Implementation of the 12,000 FTE ceiling enrollment assigned to the College will require that the FTE needed to mount any new program will have to come out of the estimated growth rate of existing programs. It seems mandatory, then, that one consideration of any new program must be its possible sources of FTE. With that in mind, we request the Academic Senate recommend the inclusion of the following programs:

**Economics** - (See February 25 report for abstract.) The Business Administration Department intends to use its own FTE to "finance" the Economics Program.

**Measurement Science** - (See February 25 report for abstract.) The School of Engineering intends to use its own FTE.

**Psychology** - (See February 25 report for abstract.) Last year's Curriculum Committee was strongly opposed to requesting an implementation date for a
new program which would necessitate preparing catalog copy for the program before the program had even preliminary approval. So, the implementation date for Psychology should be no sooner than 1971.

The source of FTE for Psychology is somewhat more obscure than the previous two, but perhaps the Behavioral Science FTE that are "in the bank" can be made available.

V. The Committee concurs with the Dean of Applied Science that the BA in Mathematics should not be recommended, on the grounds that the intended purpose of the program can be adequately handled by the existing BS program.