MINUTES OF THE UNIVERSITY SENATE, DECEMBER 8, 1975

The University Senate met in regular session at 3:00 p.m., Monday, December 8, 1975 in the Court Room of the Law Building. Chairman Joseph Krislov presided. Members absent: Gerald Ashdown*, C. Dwight Auvenshine*, Lyle N. Back*, Harry H. Bailey*, Lisa K. Barclay*, Charles E. Barnhart, Betsy Barnum, Melvin Baskin, Robert P. Belin*, Robert S. Benton*, Harold Binkley*, Joseph T. Burch, H. Stuart Burness, John L. Butler*, W. Merle Carter*, Donald B. Clapp, Michael Clawson*, Frank Colton*, Vincent Davis*, Ronald Dillehay*, Mary Duffy, Anthony Eardley, W.W. Ecton*, Diane Eveland*, Paul Fraysure*, R. Fletcher Gabbard, Dennis George*, James Gibson, Ward O. Griffen*, Joseph Hamburg, George W. Hardy, Raymond R. Hornback, John J. Hutton*, Raymon D. Johnson, Arthur L. Kelly, Theodore A. Kotchen*, David L. Larimore*, Thomas Lawrence, Richard S. Levine*, John Lihani*, Donald R. March, James Marsden*, Charles Masters, Levis D. McCullers*, James Metry*, William G. Moody*, Jacqueline A. Noonan*, Merrill W. Packer, David Peck*, Paul M. Pinney*, Donald A. Ringe, John S. Scarborough*, Kenneth A. Schiano, Paul G. Sears*, Gerard E. Silberstein*, Otis A. Singletary*, A.H. Peter Skelland*, John T. Smith, William Stober*, John P. Strickland, Joseph V. Swintosky*, William C. Templeton*, John N. Walker, M. Stanley Wall, Julie Watkins*, M. O'Neal Weeks, William G. Winter, Judith Worell*, Roy Yarbrough.

The minutes of the November 10, 1975 meeting were accepted as circulated.

Chairman Krislov made the following remarks to the Senate concerning the informational items on the agenda.

In the past few years we have tended to wait until the second semester to appoint a Search Committee for the Academic Ombudsman. However, we feel it would be better to move as quickly as possible so that individuals can be approached and can make plans to serve as Ombudsman. We asked President Singletary to name a Chairperson and he named Dr. James E. Criswell. The Senate Council will be selecting its faculty member on December 12th. We will also receive names for the faculty member and student member to be selected from the membership of the Student Affairs Committee. We have asked Student Government to nominate their members and we hope to have the Committee fully constituted by next semester so that it will be operative in the early part of the semester. You should be thinking about candidates for this important position.

The Committee on Suspension of Graduate Programs has been constituted and a Chairperson has been selected, namely, Dr. Sidney Ulmer. The other members are Professors Schwert, Knoblett, Silberstein, Ford, Rudd, and Dean Stephenson. The Committee is formulating a change in the University Senate Rules, which will be brought to the Senate for approval, and it will be pleased to receive any suggestions or comments from you.

Since Professor William Peters, Chairman of the Committee on Admissions and Academic Standards, will be on sabbatical leave for the Spring Semester, 1976, he has resigned and Professor Patricia Horridge has accepted the Chairmanship of that Committee. Professor Peters planned his schedule so that the work of that Committee was current when he announced his resignation. However, since then some suggestions have been received from the Rules Committee. These suggestions have been transmitted to Professor Horridge and I want to tell you about them.

*Absence explained.

Two areas have been and continue to be very troublesome. One is the definition of a professional college. We have asked the Committee on Admissions and Academic Standards to attempt to define that more carefully. We have also asked them to review all the Rules regarding admissions and academic standards which apply to undergraduates, to determine what aspects of these Rules can apply to graduate and professional students. We have problems with rules concerning graduate and professional students. The Academic Ombudsman handles many cases, some of which involve possible litigation. Hence, the Rules Committee feels that an investigation might lead to a clarification in a number of areas. If any of you have any suggestions, please send them to Professor Horridge.

I wish to announce that the Rules Committee has approved the Student Government's procedures for the apportionment of the student members of the University Senate for 1976-77.

The Chairman moved to the first action item on the agenda, that of the Resolution on Smoking which had been circulated to the faculty under date of November 26, 1975. The current Safety Rules and Regulations for the University were circulated to the Senators, and read as follows:

V. Smoking Regulations:

Smoking is prohibited in designated areas as a precaution against starting fires, damages to floor covering, and to prevent annoyance to non-smokers.

The following rules are included in the State Standard of Safety (KRS 227.300) and the National Fire Protection Association which is adopted by reference in the Standards of Safety, and by an ordinance of the city of Lexington.

1. Smoking is prohibited in assemblies (200 persons or more), which would include large classrooms.

2. Smoking is prohibited at all times in theaters, museums, gymnasiums, laboratories, elevators, shops, or any volatile storage area.

3. Smoking is permitted in offices, lounges, restrooms, and certain corridors where ash receptacles or urns are present to receive discarded smoking materials.

4. Do not throw discarded smoking materials out of a window, on floors, or anywhere except in an ash receptacle.

5. In our buildings, safety regulations must be observed for the protection of everyone. It is dangerous and irresponsible to risk the lives of all for the pleasure of a few. Faculty members should not violate the regulations nor permit students to do so.

However, if an instructor feels compelled to allow his students to smoke, he should at least restrict this to an area outside the classroom. Not to

eliminate or curtail smoking is to ignore the feeling of many students, some of whom are reluctant to complain to a professor about how irritating and unhealthy they find a smoke-filled classroom to be.

Enforcement of these regulations in many areas will be a matter of academic discipline. When smoking receptacles are not available, "NO SMOKING" signs are needed. If there are questions on safe areas for this purpose, the University Safety Department will be glad to assist in this problem.

Chairman Krislov recognized Dr. Jack Blanton, Vice President for Business Affairs, who spoke to those safety rules as follows:

I was asked today by Dr. Krislov to present to the Senate the University's regulations concerning smoking on campus. The only regulation I am aware of is found in the University's Safety Manual which was revised in 1974. We have made available to you an excerpt from this Manual which has been approved by the Board of Trustees. As you can read in this handout smoking is prohibited in assemblies of 200 persons or more, which include large classrooms. Smoking is prohibited at all times in theaters, museums, gymnasiums, laboratories, elevators, shops, or any volatile storage area. It is our interpretation of these Rules that smoking is permitted in classrooms of less than 200 students. The Administration will exert maximum effort to enforce the existing rules. Enforcement of these rules, however, requires the cooperation of the faculty and the students.

If the University Senate acts on the matter of smoking in the classroom (and I refer to the Resolution you will consider) I think it is important for the Senate to distinguish between smoking as a matter of health and safety, and smoking as a distraction in the academic process. If the Senate wishes to approach this question as a matter of health and safety, it would appear the proper course of action would be for it to make recommendations to the President and the Board of Trustees. If the Senate approaches the smoking question as a distraction and detriment to the learning process, it would appear the Board of Trustees has delegated this matter to the Senate for its disposition. Whichever approach the Senate takes on this matter, I believe it is important to address the question of sanctions or penalties that are to be imposed against those who violate the policy. A regulation that does not include sanctions is of little help to those attempting to enforce it. For example, would the Senate view the violation of the regulation by professors as a violation of the Faculty Code? Or would it view the violation of the regulation on the part of students as an academic violation? I do not pretend to have answers to these questions. I leave it for your deliberation.

The Resolution as circulated under date of November 18, reads as follows:

The University Senate requests that the Administration enforce a <u>No Smoking</u> policy in classrooms, examinations, seminars, faculty, senate and other academic meetings.

Chairman Krislov recognized Professor Marjorie Crandall to present the case for the Resolution.

> When I at first suggested this Resolution I did not realize it was going to be such a volatile issue. I would like to make a short statement in favor of the Resolution to prohibit smoking during University meetings. But before I begin I would like to thank the members of the Senate Council who voted in favor of this Resolution so that it could be considered here today.
>
> Tobacco smoke is unpleasant and a severe annoyance to a large percentage of people. The smoke is so bad in some classrooms that some students do not attend meetings simply to avoid the smoke problem. Thus it should be a matter of administration concern if smoking is interfering with efficient teaching, or testing, or other University functions. In addition to being unpleasant, tobacco smoke also contains toxic chemicals. Non-smokers would prefer not to be exposed to these chemicals. It is the right of everyone to breathe clean air in public places and for this reason I hope that you will vote in favor of this Resolution.

Following some questions and discussion, motion was made to amend the Resolution to read:

> The University Senate requests that University instructors enforce a No Smoking policy in the classroom in those instances in which it has been determined, after consultation with the students in the class, that smoking will jeopardize or unduly impinge on the learning process.

The Senate disapproved this amendment.

Motion was made to amend the original Resolution to add the words "establish and" in the Resolution so that the Resolution would read:

> The University Senate requests that the Administration establish and enforce a No Smoking policy in classrooms, examinations, seminars, faculty, senate and other academic meetings.

The Senate approved this amendment.

Motion was then made to strike the remaining verbiage following the word "classrooms". By a hand count of 63 to 54 the Senate voted approval of this amendment. The amended Resolution reads:

> The University Senate requests that the Administration establish and enforce a No Smoking policy in classrooms.

A Senator pointed out that assuming this is an administrative matter, the Senate was asking the Administration to establish an academic policy; and that all academic matters are delegated to the Senate.

Motion was made to amend the amended Resolution to read:

> The University Senate establishes, and requests that the Administration enforce, a No Smoking policy in classrooms.

By a hand count of 60 to 33 the Senate voted to approve this amendment to the amended Resolution.

The Senate then voted to close debate and approved the original Resolution as amended three times. The Resolution as approved with amendments reads:

> The University Senate establishes, and requests that the Administration enforce, a No Smoking policy in classrooms.

Motion was made that the Senate advise the Administration as to whether this policy is an academic policy, and as to whether the present wording of the Faculty Code and the Student Code is sufficient to identify the offense and to establish sanctions.

The Senate voted to refer this motion to the Senate Council.

Chairman Krislov reported that he had been asked to withdraw the Nursing proposal from the agenda of this meeting and that the proposal, with entire changes, would be submitted in January or February and would come to the Senate at that time.

The Chairman moved to the last item on the agenda, that of the Arts and Sciences reorganization. He called on Dr. Criswell, Chairman of the Committee on Academic Organization and Structure, who spoke briefly to the proposal.

Dr. Criswell read the following excerpted proposal from the original proposal from Dean Gallaher and his group, on the Reorganization of the College of Arts and Sciences.

> "We recommend that the Department of Art (currently within the College of Arts and Sciences) be merged with the College of Architecture to form a new College of Architecture and Art (possible alternate labels: College of Design; College of Visual Arts; College of Creative Arts). A logical corollary to this recommendation is the suggestion that consideration be given to the inclusion in this new college of what seem to be related programs, e.g. Landscape Design (Department of Horticulture, College of Agriculture) and Interior Design (Department of Housing and Interior Design, College of Home Economics)."

He then recognized the subcommittee of the over-all committee that had done the work on the proposal before the Senate, namely, Professor John A. Deacon, Chairperson; Professors Bobby Ott Hardin; William C. Templeton; Harold Traurig; O'Neal Weeks; and Ms. Ellen Roehrig.

Dr. Criswell read the introduction and the three recommendations in the proposal circulated to the faculty under date of November 26, 1975.

Introduction

> Acting upon a request by the Senate Council, the Senate Committee on Academic Organization and Structure has continued, since the fall of 1974, to study and evaluate recommendations of Dean Art Gallaher for Reorganization of the College of Arts and Sciences. The Committee has now concluded its

investigation of Section II. A. of Dean Gallaher's proposal, a section that deals with merger of the Department of Art and the College of Architecture into a new college and a possible realignment of programs in Interior Design and Landscape Architecture within the new unit.

Recommendations:

1. A merger of the Department of Art and the College of Architecture should not be implemented at this time.

2. Programs in Interior Design and Landscape Architecture continue in their present organizational structure.

3. Department of Art remain in the College of Arts and Sciences for the present.

Following some discussion, the Senate moved to vote immediately on the three Recommendations. Decision was reached to vote separately on each of the three recommendations. By the required two-thirds majority, 65 to 24, the Senate voted to stop debate.

The Senate then voted to approve and recommend to the President, Recommendation 1. that a merger of the Department of Art and the College of Architecture should not be implemented at this time.

The Senate voted approval, and recommendation to the President of Recommendation 2. that the programs in Interior Design and Landscape Architecture continue in their present organizational structure.

The Senate voted approval, and recommendation to the President of Recommendation 3. that the Department of Art remain in the College of Arts and Sciences for the present.

The Chair recognized Dr. Betty Rudnick who read the following Resolution:

WHEREAS Joseph Krislov has served as Chairman of the Senate Council during the year 1975,

AND WHEREAS he has executed the duties of that office conscientiously, faithfully, and effectively,

AND WHEREAS he has been especially diligent in providing the faculty with full and extensive information about all pertinent matters being considered by the Senate Council and its committees, and has brought his own inimitable style of geniality, cheefulness, and good humor to the performance of his duties,

BE IT RESOLVED that the Senate hereby expresses its appreciation and gratitude to Joseph Krislov for his distinguished service as its chairman, and requests that this resolution be entered in the minutes of this meeting and that a copy be sent to him.

The University Calendar for the academic year 1978-79 has been approved by the Senate Council, circulated to the faculty, and is hereby made a record in these minutes.

MINUTES OF THE UNIVERSITY SENATE, DECEMBER 8, 1975

UNIVERSITY CALENDAR

1978 Fall Semester

1978

June 1	Thursday - Deadline for applying for admission for the 1978 Fall Semester for new undergraduate applicants
August 28, 29	Monday & Tuesday - Registration for non-advance registered students, and drop-add
August 30	Wednesday - Class work begins
September 4	Monday - Labor Day - Academic Holiday
September 6	Wednesday - Last day to change from audit to credit
September 6	Wednesday - Last day to enter an organized class for the Fall Semester
September 6	Wednesday - Last day to change from Pass-Fail to credit or from credit to Pass-Fail
September 11	Monday - Last day to change from credit to audit
September 11	Monday - Last day to drop a course without a grade
September 28	Thursday - Last day for filing an application for December degree in College Dean's office
September 29	Friday - Last day for payment of registration fees in order to avoid cancellation of registration
October 15	Sunday - Deadline for applying for admission or readmission for 1979 Spring Semester for all categories of undergraduate applicants
October 20	Friday - Last day to withdraw from the University and receive any refund
November 6	Monday - 1979 Spring Advising Conference for new freshmen
November 7	Tuesday - Last day to withdraw from a class before final examinations
November 7	Tuesday - Presidential Convocation
November 6-15	Monday through Wednesday - Advance registration for 1979 Spring Semester
November 22	Wednesday - 1979 Spring Advising Conference for new advanced standing (transfer) students, Community College transfer students, and readmission and non-degree students
November 23-25	Thursday through Saturday - Thanksgiving Holidays - Academic Holidays
December 13	Wednesday - End of class work
December 15-21	Friday through Thursday - Final examinations
December 21	Thursday - End of 1978 Fall Semester
December 26	Tuesday - All grades due in Registrar's Office by 4:00 p.m.

SUMMARY OF TEACHING DAYS, FALL SEMESTER 1978

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
August			1	1		
September	3	4	4	4	5	5
October	5	5	4	4	4	4
November	4	4	5	4	3	3
December	2	2	2	1	2	2
Totals	14	15	16	14	14	14

Teaching Days	
August	2
September	25
October	26
November	23
December	11
	87

UNIVERSITY CALENDAR

1979 Spring Semester

1979

January 15, 16	Monday and Tuesday - Registration for non-advance registered students, and drop-add
January 17	Wednesday - Class-work begins
January 23	Tuesday - Last day to change from audit to credit
January 23	Tuesday - Last day to enter an organized class for Spring Semester
January 23	Tuesday - Last day to change from Pass-Fail to credit or from credit to Pass-Fail
January 29	Monday - Last day to change from credit to audit
January 29	Monday - Last day to drop a course without a grade
February 15	Thursday - Last day for filing an application for a May degree in College Dean's Office
February 15	Thursday - Last day for payment of registration fees in order to avoid cancellation of registration
March 9	Friday - Last day to withdraw from University and receive any refund
March 19-24	Monday through Saturday - Spring vacation - Academic Holidays
April 1	Sunday - Deadline for applying for admission or readmission for any summer term for all categories of undergraduate applicants
April 2	Monday - Last day to withdraw from a class before finals
April 12	Thursday - 1979 Summer Advising Conference for new freshmen
April 13	Friday - 1979 Summer Advising Conference for new advanced standing (transfer) students, Community College transfer students, and readmission and non-degree students
April 16-25	Monday through Wednesday - Advance registration for 1979 Fall Semester and both Summer Sessions
May 5	Saturday - End of class work
May 7-12	Monday through Saturday - Final examinations
May 12	Saturday - End of 1979 Spring Semester
May 12	Saturday - Commencement Day
May 15	Tuesday - All grades due in Registrar's Office by 4:00 p.m.
May 14 - August 25	College of Pharmacy 15-Week Summer Semester
June 1	Friday - Deadline for applying for admission or readmission for the 1979 Fall Semester for all categories of undergraduate applicants

SUMMARY OF TEACHING DAYS, SPRING SEMESTER 1979

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
January	2	2	3	2	2	2
February	4	4	4	4	4	4
March	3	3	3	4	4	4
April	5	4	4	4	4	4
May		1	1	1	1	1
Totals	14	14	15	15	15	15

Teaching Days	
January	13
February	24
March	21
April	25
May	5
	88

UNIVERSITY CALENDAR

1979 Four-Week Intersession

1979

April 1	Sunday - Deadline for applying for admission or readmission for any summer term for all categories of undergraduate applicants
May 14	Monday - Beginning of College of Pharmacy 15-Week Summer Semester
May 14	Monday - Registration
May 15	Tuesday - Class work begins
May 18	Friday - Last day to change from audit to credit
May 18	Friday - Last day to enter an organized class for the Four-Week Intersession
May 18	Friday - Last day to change from Pass-Fail to credit or from credit to Pass-Fail
May 25	Friday - Last day to change from credit to audit
May 25	Friday - Last day to drop a course without a grade
May 28	Monday - Memorial Day - Academic Holiday
May 29	Tuesday - Last day to pay registration fees in order to avoid cancellation of registration
May 29	Tuesday - Last day to withdraw from a class before finals
May 29	Tuesday - Last day to withdraw from the University and receive any refund
June 1	Friday - Deadline for applying for admission for the 1979 Fall Semester for new undergraduate applicants
June 12	Tuesday - End of Four-Week Intersession
June 12	Tuesday - Final examinations
June 15	Friday - All grades due in Registrar's Office by 4:00 p.m.

SUMMARY OF TEACHING DAYS, 1979 FOUR-WEEK INTERSESSION

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
May	2	3	3	3	2	2
June	2	1	1	1	2	2
Totals	4	4	4	4	4	4

Teaching Days	
May	15
June	9
	24

UNIVERSITY CALENDAR

1979 Eight-Week Summer Session

1979

April 1	Sunday - Deadline for applying for admission or readmission for any summer term for all categories of undergraduate applicants
June 1	Friday - Deadline for applying for admission for the 1979 Fall Semester for new undergraduate applicants
June 13	Wednesday - Registration
June 14	Thursday - Class work begins
June 18	Monday - Last day to change from audit to credit
June 18	Monday - Last day to enter an organized class for the 1979 Eight-Week Summer Session
June 18	Monday - Last day to change from Pass-Fail to credit or from credit to Pass-Fail
June 25	Monday - Last day to change from credit to audit
June 25	Monday - Last day to drop a course without a grade
June 27	Wednesday - Last day to pay registration fees in order to avoid cancellation of registration
June 28	Thursday - Last day for filing an application for an August degree in College Dean's Office
July	- Summer Advising Conference for new freshmen, Community College transfer students, advanced standing (transfer) students, auditors, non-degree, and readmission students enrolling in the 1979 Fall Semester
July 4	Wednesday - Independence Day - Academic Holiday
July 13	Friday - Last day to withdraw from the University and receive any refund
July 26	Thursday - Last day to withdraw from a class before finals
August 9	Thursday - End of Eight-Week Summer Session
August 9	Thursday - Final examinations
August 13	Monday - All grades in Registrar's Office by 4:00 p.m.
August 25	Saturday - End of 15-Week College of Pharmacy Summer Semester

SUMMARY OF TEACHING DAYS, 1979 EIGHT-WEEK SUMMER SESSION

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
June	2	2	2	3	3	3
July	5	5	3	4	4	4
August	1	1	2	2	1	1
Totals	8	8	7	9	8	8

Teaching Days	
June	15
July	25
August	8
	48

The Senate adjourned at 4:20 p.m.

Elbert W. Ockerman
Secretary

UNIVERSITY OF KENTUCKY

LEXINGTON, KENTUCKY 40506

DEAN OF ADMISSIONS AND REGISTRAR

November 26, 1975

TO THE UNIVERSITY SENATE -

The University Senate will meet in regular session at 3:00 p.m., Monday, December 8, 1975, in the Court Room of the Law Building.

Items on the agenda:

(1) Approval of the Minutes of November 10, 1975 (have been circulated)

(2) Informational Items:

a. Ombudsman Search Committee

b. Ad hoc Committee on Suspension of Graduate programs

c. Appointment of Patricia Horridge to chair the Senate Committee on Admissions and Academic Standards

(3) Action Items:

a. Resolution on Smoking (circulated under date of November 11, 1975)

b. Recommendation on Nursing Proposal (circulated under date of November 26, 1975)

c. Recommendation on Arts and Sciences Reorganization Proposal (circulated under date of November 26, 1975)

Elbert W. Ockerman

Elbert W. Ockerman
Secretary, University Senate

KWS/lp

Kitty

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY 40506

UNIVERSITY SENATE COUNCIL
10 ADMINISTRATION BUILDING

November 18, 1975

TO: Members, University Senate

FROM: University Senate Council

RE: AGENDA ITEM: University Senate Meeting Monday, December 8, 1975. Resolution on Smoking.

RESOLUTION

The University Senate requests that the Administration enforce a No Smoking policy in classrooms, examinations, seminars, faculty, senate and other academic meetings.

Carson

/cet

V. Smoking Regulations:

Smoking is prohibited in designated areas as a precaution against starting fires, damages to floor covering, and to prevent annoyance to non-smokers.

The following rules are included in the State Standard of Safety (KRS 227.300) and the National Fire Protection Association which is adopted by reference in the Standards of Safety, and by an ordinance of the city of Lexington.

1. Smoking is prohibited in assemblies (200 persons or more), which would include large classrooms.

2. Smoking is prohibited at all times in theaters, museums, gymnasiums, laboratories, elevators, shops, or any volatile storage area.

3. Smoking is permitted in offices, lounges, restrooms, and certain corridors where ash receptacles or urns are present to receive discarded smoking materials.

4. Do not throw discarded smoking materials out of a window, on floors, or anywhere except in an ash receptacle.

5. In our buildings, safety regulations must be observed for the protection of everyone. It is dangerous and irresponsible to risk the lives of all for the pleasure of a few. Faculty members should not violate the regulations nor permit students to do so.

However, if an instructor feels compelled to allow his students to smoke, he should at least restrict this to an area outside of the classroom. Not to eliminate or curtail smoking is to ignore the feeling of many students, some of whom are reluctant to complain to a professor about how irritating and unhealthy they find a smoke-filled classroom to be.

Enforcement of these regulations in many areas will be a matter of academic discipline. When smoking receptacles are not available, "NO SMOKING" signs are needed. If there are questions on safe areas for this purpose, the University Safety Department will be glad to assist in this problem.

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY 40506

Withdrawn from agenda at req. of P.P. Bosomworth and Marion McKenna. 12/8/75

UNIVERSITY SENATE COUNCIL
10 ADMINISTRATION BUILDING

November 26, 1975

TO: Members, University Senate

FROM: University Senate Council

RE: AGENDA ITEM: University Senate Meeting
December 8, 1975
Request for admissions moratorium for the College of Nursing for Spring, 1976.

Rationale:

During the past few weeks a special ad hoc committee composed of members from the Academic Council for the Medical Center, the Undergraduate Council, and the Senate Council has been investigating a proposed new B.S. program in Nursing. The ad hoc Committee has made a presentation to the Senate Council. The Committee and the Senate Council are quite sympathetic with the proposal but a few issues remain unsolved. The College of Nursing plans to resolve these issues and have the program approved by the three Councils, and present a proposal to an early Senate meeting in 1976.

A moratorium is needed on freshman enrollments now because: (1) every semester the freshman students are admitted to the present program delays the new program by one additional semester, and (2) students are presently making requests for admission to the January, 1976 class.

Resolution:

That the College of Nursing be permitted to suspend freshman admissions in Spring, 1976.

/cet

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY 40506

UNIVERSITY SENATE COUNCIL
10 ADMINISTRATION BUILDING

November 26, 1975

TO: Members, University Senate

FROM: University Senate Council

RE: AGENDA ITEM: December 8, 1975
Advice to the President on the Gallaher Report
(Arts and Sciences Re-organization Proposal)

The Senate Council has accepted the attached report from the Senate Committee on Academic Organization and Structure. The Committee's recommendations are a portion of its report on the Arts and Sciences Re-organization. If accepted by the Senate, the recommendations will be sent to the President. The Senate is charged with the duty of advising the President on ". . . the establishment, alteration and abolition of educational units in the University."

/cet

Enclosure

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY 40506

UNIVERSITY SENATE COUNCIL
10 ADMINISTRATION BUILDING

November 26, 1975

MEMORANDUM

TO: Joseph Krislov, Chairperson
University Senate Council

FROM: James Criswell, Chairperson
Senate Committee on Academic Organization and Structure

RE: Recommendations to the Senate Council on reorganization of the College of Arts and Sciences.

Introduction:

Acting upon a request by the Senate Council, the Senate Committee on Academic Organization and Structure has continued, since the fall of 1974, to study and evaluate recommendations of Dean Art Gallaher for Reorganization of the College of Arts and Sciences. The Committee has now concluded its investigation of Section II-A of Dean Gallaher's proposal, a section that deals with merger of the Department of Art and the College of Architecture into a new college and a possible realignment of programs in Interior Design and Landscape Architecture within the new unit.

Recommendations:

1. A merger of the Department of Art and the College of Architecture should not be implemented at this time.

2. Programs in Interior Design and Landscape Architecture continue in their present organizational structure.

3. Department of Art remain in the College of Arts and Sciences for the present.

Rationale:

The Committee has found no compelling reasons for a merger of any two or more of these four units/programs at this time and indeed has concluded that the proposed merger would likely result in a degradation in the quality of individual academic programs as well as in faculty morale.

The Committee offers the following rationale in support of its recommendations:

1. Faculties of the Department of Art and the College of Architecture overwhelmingly oppose merger of these two units.

2. The Department of Art and the College of Architecture are currently housed in fragmented and generally inadequate physical facilities. Administration of a merged unit would be difficult under this constraint and several of the potential benefits of merger, such as shared studios, shops, galleries, etc. and increased faculty interaction, could not be achieved.

3. There appears to be wide disparity in the program objectives of Art and Architecture. The College of Architecture has an almost singular academic objective preparation of its students for professional architectural practice. It services few students in other disciplines. The Department of Art, on the other hand, has much more diverse objectives through its components of art history, art education, and studio. Its service role to the University community is much broader than that of Architecture and it stresses liberal education as much as or more than professional development. As further evidence of major program differences, Architecture has a policy of selective admissions and its academic program is accredited nationally. It does not offer a graduate program as does Art.

4. The relatively new landscape architecture program is currently housed in the College of Agriculture. A memorandum of understanding has been developed between the Colleges of Agriculture and Architecture which details the relationship between this program and the College of Architecture. Both Deans favor continuance of the present arrangement. As structured at this University, the landscape architecture program contains elements that are more traditionally associated with Agriculture than with Architecture. Without a major change in direction and emphasis, this program could not be realistically expected to prosper in a realignment as proposed. Further, no evidence has been presented that the existing program is not adequately meeting the needs for which it was originally designed.

5. The Department of Housing and Interior Design is currently an element of the College of Home Economics. The Deans of Home Economics and Architecture are both opposed to any change in this situation. The proposed merger would have at least three potentially serious impacts on the College of Home Economics and its programs: (1) a decrease in the effectiveness of the housing, home furnishings, and interior design components of the Cooperative Extension Program, (2) a reduction or elimination of the service provided by the Department to home economics students whose major interests are in other areas, and (3) a weakening of the position of the College in attempts to obtain A. H. E. A. accreditation. Current resource allocations to the Department appear to be adequate: there is no reason to believe departmental posture in this respect would be improved by the proposed realignment. The realighment would also necessitate a change of emphasis and direction of the Department, the advantages of which have not been clearly articulated at this time.

The above, together with other evidence available to the Committee, strongly supports a recommendation for suspending actions to implement merger in the near future. At the same time, several aspects of the merger proposal warrant continual review and evaluation. As existing programs evolve and facilities, personnel, resources, and needs change, future merger of two or more units/programs may well be supportive of continuing attempts by the University to better serve the Commonwealth.

Absences from University Senate Meeting - December 8, 1975

Gerald Ashdown
C. Dwight Auvenshine*
Lyle N. Back
Harry H. Bailey*
Lisa K. Barclay*
Charles E. Barnhart
Betsy Barnum
Melvin Baskin
Robert P. Belin*
Robert S. Benton*
Harold Binkley
Jack C. Blanton
Joseph T. Burch
H. Stuart Burness
John L. Butler*
W. Merle Carter*
Donald B. Clapp
Michael Clawson*
Frank Colton*
Vincent Davis*
Ronald Dillehay*
Mary Duffy
Anthony Eardley
W. W. Ecton*
Diane Eveland*
Paul Fraysure*
R. Fletcher Gabbard
Dennis George*
James Gibson
Ward O. Griffen*
Joseph Hamburg

George W. Hardy
Raymond R. Hornback
John J. Hutton*
Raymon D. Johnson
Arthur L. Kelly
Theodore A. Kotchen*
David L. Larimore*
Thomas Lawrence
Richard S. Levine*
John Lihani*
Donald R. March
James Marsden*
Charles Masters
Levis D. McCullers*
James Metry*
William G. Moody*
Jacqueline A. Noonan*
Merrill W. Packer
David Peck*
Paul M. Pinney*
Donald A. Ringe
John S. Scarborough*
Kenneth A. Schiano
Paul G. Sears*
Gerard E. Silberstein*
Otis A. Singletary*
A.H. Peter Skelland*

John T. Smith
William Stober*
John P. Strickland
Joseph V. Swintosky*
William C. Templeton*
~~Jerry Thornton~~ excused
John N. Walker
M. Stanley Wall
Julie Watkins*
M. O'Neal Weeks
William G. Winter
Judith Worell*
Roy Yarbrough

attended - 153
absent - 34
absent * - 37 - 38
224
1 Lamon
225

153 attended 3/6

ATTENDANCE SHEET
December 8, 1975

Donald E. Sands
Raymond H Cox
K B Valentine
Michael E. Adelstein
J V Rogers
K B Rutz — not senator
T. R. Ford
M Jones
J Jones
Virgil Hays
B. C. Pass
A J Hiatt
[illegible]
Susan McEvoy
S. F. Conti
P. S. Sabharwal
Nancy Holland
Janet Patterson
Rhonda Crowdus

T. R. Robe
[illegible] A. Willis
Pat D. Lucas
Ron Duell
Earl Vastbinder
Ralph L. Wiseman
W. L. Matthews, Jr
Carl C. [illegible]
Bradley C Canon
W. L. [illegible]
John Greenway
[illegible]
Stacie Meyer
John Stephenson
Paul Oberst
Rudolph Schrils
Jim Haralson
Ellen E. Roehrig

ATTENDANCE SHEET
December 8, 1975

T. W. Brehm
P. Bosomworth
M. McKenna
David Howard
Kenneth G. Pidgen — not Senator
Jerry M. Baskin
Sharon Stevens
James E. Criswell
Jeanne Rachford
M Ward Crowe
Robert De Angelis
Robert Rudy
S. Sidney Ulmer
Hugh N. Burkett
Ronda S. Connaway
Kathryn L. Sallee
Ann Holmes
Don Ivey
R. Perry (Bostrom)
Betty R Rudnick
T. R. Field
Elaine Stine
S. Diachun

Marjorie S Stewart
Ted Suffridge
Fred Edmonds
William H. Peters
Don M. Soule
Steven D. Petrey
J D Buckholtz
Dean Jaros
Robert Zumwinkle
R. M. Longyear
James Kemp
C. Frank Buck
David T. Ross
Matthew Welch
Malcolm E. Jewell
D B Collins
Paul G. Forand
John W. Stickland
Z. Govindarajulu
Leonard Williams

ATTENDANCE SHEET
December 8, 1975

Robert C. Noble

Jane M. Emanuel

Anna K. Reed

Anne E. Patterson

Austin S. Litvak M.D.

Richard L. Warren

Claudine Gartner

Ruth Assell

Lewis W. Cochran

Herman L. Voss

[illegible] Burgess

J R Ogletree

W. A. Sutton

Joe Gladden

Marjorie Crandall

John Burwell

Don Diedrich

DeRay Clawson

L. V. Packett

Art Gallaher

R. Eichhorn

Randolph McGee

Gordon P. Lucas

Don R. Kirkendall

Joan Blythe

W C Royster

Michael C. McCord

William J Kenkel

Louis J Swift

J. A. Rea

Harold Traurig

Sam Lippincott

Kenneth Wright

Charles Byers

James Rhume

Bess Clotfelter

36
3
39 (visitors sheet)

ATTENDANCE SHEET
December 8, 1975

Virginia Lane
Patricia Horridge
Garnett Bradford (Ag.)
Beth Hicks
Sara Leech
Mary Evelyn Winter
John Chandler
Harry V. Barnard
Gail Delemarle
M Lynn Small
Marc J. Wallace Jr.
Philip K. Berger
J A Deacon
D. Kao
JW Ackerson
RO Evans
Mary Wilma Jorgensen
Joseph J. Gruber
Frederick Richman
Norsa Billups

Charles F. Faber
J A Bryant Jr
Alfred Crabb
Wm H Runyon
Bobby O. Hardin
Vincent P. Dunnick
Jean Pirl
Jesse G Harris Jr
Frank J Rizzo
Jess Weil
James C. Knoblett
Donald L madden
Mel Hackbart
Carolyn McKinney
Elbert W. Ockerman HBG
Joseph Kisslow HBG

VISITORS SHEET
December 8, 1975

Enrique Pantoja
John C Robertson

Keller Dunn

James Sodt
Connie Wilson (Senator)
Joann Bell (Senator)
J. Truman Stevens (Senator)

COLLEGE OF ENGINEERING
UNIVERSITY OF KENTUCKY

November 25, 1975

MEMORANDUM

TO: Members of the University Senate and the Academic List of the Senate

FROM: Warren W. Walton, Assistant Dean

The Faculty of the College of Engineering recommends approval of the following course changes:

NEW COURSES:

CME 456 Chemical Engineering Process Design II (2)
A lecture and problem solving course intended to combine the principles of chemical engineering with optimization as they apply to the design of chemical processes. Prereq: CME 455.

EE 649 Advanced Topics in Signal and Stochastic Systems (3)
Recursive discrete estimators, continuous optimal estimators, optimal prediction and interpolation of multivariate systems and other selected topics. Prereq: EE 641 or EE 645.

ME 563 Basic Combustion Phenomena (3)
Simultaneous application of Fluid Mechanics, Heat and Mass Transfer, Chemical Kinetics and Thermodynamics to combustion. Topics covered include chemical kinetics, chain and thermal explosions, detonation and deflagration, flammability limits, stirred reactors. Flame stabilization in high and low velocity streams, laminar and turbulent diffusion flames, droplet burning, and metal combusion. Prereq: Me 325 (concurrent), and ME 330 or consent of instructor.

MET 302 Materials Laboratory I (2)
A lecture-laboratory course emphasizing experimental techniques for structural characterization of materials including optical microscopy and x-ray diffraction. Prereq: Physics 242, Chemistry 115.

MET 303 Materials Laboratory II (2)
A continuation of MET 302 with emphasis on the relationships between the structure and properties of engineering materials. Prereq: MET 302.

MET 304 Materials Laboratory III (2)
A continuation of MET 303: a lecture-laboratory course emphasizing experimental work in structural transformations, thermal and electrical behavior of metals and semi-conductors, and corrosion. Prereq: MET 303.

COURSES TO BE DROPPED:

CE 480 Structural Mechanics II (3)

CE 690 Suspended Structures (3)

EE 646 Communication Systems II (3)

MET 311 Materials Science I (3)

MET 312 Materials Science II (3)

MET 413 Materials Science III (3)

CHANGE IN EXISTING COURSES:

CME 431 Chemical Engineering Laboratory I (2)
A lecture-laboratory course emphasizing experimental work in fluid flow, heat transfer, evaporation, mass transfer, etc., with special consideration to mathematical and statistical data treatment, measurement techniques and report writing. Lecture, one hour; laboratory, three hours.

change to

CME 431 Chemical Engineering Laboratory I (1)
A laboratory course emphasizing experimental work in fluid flow, heat transfer, evaporation, mass transfer, etc., with special consideration to mathematical and statistical data treatment, measurement techniques and report writing. Laboratory, three hours. Prereq: CME 422

CME 432 Chemical Engineering Laboratory II (2)
Continuation of CME 431, covering diffusional operations such as distillation, absorption, and drying. Laboratory, six hours.

change to

CME 432 Chemical Engineering Laboratory II (3)
Continuation of CME 431, including diffusional operations such as distillation, absorption, and drying. Lecture, one hour; laboratory, six hours. Prereq: CME 422, 431

CME 455 Chemical Engineering Process Design I (4)
A lecture and problem-solving course intent on combining the principles of chemical engineering economics and optimization as they apply to the design of chemical process units and systems.

change to

CME 455 Chemical Engineering Process Design I (2)
A lecture and problem-solving course devoted to the study of chemical engineering economics as it applies to the design of chemical process units and systems. Prereq: ME 325, CME 422

CE 387 Steel Structures I (3)
Behavior and design of individual members and connections. Instability of beams and columns. Plastic design and analysis of continuous structures.

change to

CE 487 Steel Structures (3)
Design Criteria and methods. Behavior and design of structural steel beams, columns, beam-columns, and bolted and welded connections. Analysis and design of composite steel/concrete beams. Torsion of open and closed sections. Considerations of instability of beams, columns, and plates in design. Plastic analysis and design of continuous structures. Introduction to computerized structural analysis and design. Prereq: CE 380.

CE 389 Design of Structures (3)
Consideration of the overall factors involved in planning structures. Detailed structural design and analysis of complete buildings and bridges, including drawings of selected portions.

change to

CE 489 Design of Structures (3)
Design loads and structural systems. Design concepts and overall considerations involved in planning, analysis, and design of steel and concrete structures. Detailed analysis and design of buildings, bridges, and other types of structures utilizing STRUDL and other special computer programs. Case studies of comtemporary structures. Prereq: CE 487, CE 492.

CE 392 Reinforced Concrete (3)

change to

CE 492 Reinforced Concrete (3)
Theory and design of beams, slabs, girders and columns as related to building frames and bridges. Introduction to pre-stressed concrete, elastic design and ultimate strength design. Prereq: CE 380.

CE 580 Theory of Structures III (3)
Plastic Design of steel. Introduction to the theory of arches. Theory and design of continuous trusses.

change to

CE 580 Advanced Structural Mechanics (3)
Energy methods, nonprismatic members, indeterminate influence lines, arches, plastic analysis of rigid frames, introduction to matrix methods for plane structures, use of available computer programs for matrix operations. Prereq: CE 380.

CE 681 Dynamics of Structures (3)
Behavior of materials under dynamic stresses, dynamic response of multi-degree of freedom--concentrated mass systems, dynamic response of distributed mass structures, design of structures for earthquake, wind traffic and machinery loads.

change to

CE 681 Dynamics of Structures (3)
Review of methods of analysis of simple structural systems. Effects of wind, earthquake, traffic and machinery loads. Matrix methods for complex dynamic structural systems, random vibrations of structures. Prereq: EM 513 and CE 694 or Consent of Instructor.

CE 686 Advanced Metal Structures (3)
Plastic analysis and design; shear local and lateral buckling, compression members, welded, riveted and bolted connections, deflection and shake down. Light gage cold-formed steel design. Strain hardening and stress concentrations; residual stresses, brittle fracture fatigue. Torsion, thin-walled sections, multicell sections.

change to

CE 686 Advanced Metal Structures (3)
Background and origin of modern structural steel design procedures and codes. Applications of various methods to structural buckling problems. Instability of beams, columns, frames, and plates. Considerations of buckling and interaction of buckling modes in design. Post-buckling analysis and design of cold-formed steel, and other metal structures. Plastic analysis and design of steel frames. Factors related to metal structural design. Prereq: CE 580, EM 531, or Consent of Instructor.

CE 694 Advanced Structural Analysis I (3)
Theory and application of classical methods for the solution of complex planar structural systems.

change to

CE 694 Advanced Structural Analysis I (3)
Theory and application of matrix force and displacement methods to plane and space frames, trusses, and shear wall structures, geometric and material nonlinearities, mathematical programming methods for optimizing structural form and design. Prereq: CE 580 or Consent of Instructor.

CE 695 Advanced Structural Analysis II (3)
Theory and application of matrix methods of analysis to complex plane and space structures.

change to

CE 695 Advanced Structural Analysis II (3)
Solution techniques for analysis of large, complex structures. Finite element methods. Two and three dimensional stress analysis. Plate bending and Isoparametric elements. Nonlinear analysis of structures. Applications of finite element methods to mining structures, structural dynamics, instability of structures, and other areas in structural engineering. Prereq: CE 694 or Consent of Instructor.

EE 572 Nonlinear Control Systems (3)
Analysis and design of nonlinear feedback control systems, phase plane, describing function and piecewise linear techniques are developed. Stability of nonlinear feedback systems are studied.

change to

EE 571 Nonlinear and Sampled-data Control Systems (3)
Nonlinear control systems, approximation methods, describing functions, phase plane techniques, digital and sampled-data control systems, theory of sampling, Z-transform analysis, digital controller synthesis. Prereq: EE 471.

EE 581 Advanced Logical Design (3)
Boolean matrices; Boolean trees, design of sequential circuits. Design of digital and hybrid computers.

change to

EE 581 Advanced Logical Design (3)
Medium-scale and large-scale digital components; register-transfers; bus-structures; controller/process organizations. Design of arithmetic processors and stored-program computers. Micro-programming. Prereq: EE 580.

EE 640 Continuous Stochastic Processes I (3)
Random variables, stochastic processes, stationary processes, correlation and power spectrum, mean-square estimation, filter design, decision theory, Markoff processes, simulation.

change to

EE 640 Random Signal Analysis (3)
Random variables, stochastic processes, stationary processes, correlation functions and power spectrum, and communication and control system applications. Prereq: EE 420 or equivalent

EE 641 Continuous Stochastic Processes II (3)
Continuation of EE 640.

change to

EE 641 Stochastic Processes in Controls and Communication (3)
Poisson process, Wiener process, markoff processes, Wiener filter design, Wiener filter design with constraints, matched filter design and related problems. Prereq: EE 640.

EE 645 Communication Systems I (3)
The formulation, optimization, and implementation of digital and analog communication systems. Topics include signal representation and design, optimal detection methods, modulation, channel modeling, and diversity techniques.

change to

EE 645 Communication Theory (3)
Formalization of optimum receivers, modulations, message sequences, detection of signals in noise, channel capacity, cost functions, risk and hypothesis testing. Prereq: EE 640.

MET 361 Structure and Properties of Alloys I (4)
Phase diagrams through ternary metal systems; dependence of physical, mechanical and electrical properties on microstructure and alloy distribution; precipitation hardening; introductinn to quantitative metallography. Lecture and recitation, three hours; laboratory, three hours.

change to

MET 361 Structure and Properties of Alloys I (3)
Phase diagrams through ternary metal systems; dependence of physical, mechanical and electrical properties on microstructure and alloy distribution; precipitation hardening; introduction to quantitative metallography. Lecture and recitation, three hours. Prereq: PHY 232, CHE 112.

MET 362 Structure and Properties of Alloys II (4)
X-ray diffraction and metallography; deformation, hardening and softening of alloy systems; the iron-carbon system. Lecture and recitation, three hours; laboratory, three hours.

change to

MET 362 Structure and Properties of Alloys II (3)
X-ray diffraction and metallography; deformation, hardening and softening of alloy systems; the iron-carbon system. Lecture and recitation, three hours. Prereq: MET 361.

MET 535 Mechanical Metallurgy (3)

change to

MET 535 Mechanical Metallurgy (3)
Introductory elasticity and plasticity theory; crystallographic nature of slip and twinning; fracture. (changed to Lecture, 3 hours only). Prereq: MET 201, EM 302, or consent of instructor.

Curriculum Changes

I. Attached is the proposed, modified CME Curriculum, for activation in Fall, 1976.

The changes can be summarized as follows:

1st Semester, Junior Year
1) interchange Math. Elective and Supportive Elective with 1st Semester, Senior Year

2nd Semester, Junior Year
1) drop CHE 442, Physical Chemistry II, (replaced by CME 570, Chemical Separation & Measurement for Chemical Engineers, added in 1st Semester, Senior Year)
2) add General Studies, from 2nd Semester, Senior Year

1st Semester, Senior Year
1) interchange Supportive Elective and Math Elective with 1st Semester, Junior Year
2) add CME 570
3) decrease hours of CME 431 from 2 → 1 (hours of CME 432 increased from 2 → 3 in 2nd Semester, Senior Year)
4) decrease hours of CME 455 from 4 → 2 (a second, two hour course in design is added in 2nd Semester, Senior Year)

2nd Semester, Senior Year
1) increase hours of CME 432 from 2 → 3
2) add a new course, CME 456, Chemical Engineering Process Design II, 2 hours
3) drop General Studies, to 2nd Semester, Junior Year

There is no change in the semesterly hour requirements or in the total hour requirements. There is now a Supportive Elective in each of the two Junior Year Semesters, primarily to aid transfer students. Physical Chemistry II is replaced by a CME applied chemistry course. There are more CME hours in the 2nd Semester, Senior Year.

II. The Department of Metallurgical Engineering and Materials Science recommends the following changes in requirements for the degree of Bachelor of Science in Metallurgical Engineering:

From: The Curriculum approved for this as shown in the 1975-76 University Catalog.
To: The proposed curriculum shown on the appended sheet.

This proposed change can be summarized as follows:
The 1 credit hour of laboratory connected with each of MET 361 and MET 362 is being introduced as new courses MET 302, MET 303, & MET 304, 2 credit hours each.

MET 311 is being replaced by MET 201
MET 312 is being eliminated
MET 413 is being replaced by MET 412
Net change in total credit hours is an increase of 1 from 131 to 132 over four years.

Curriculum Leading to the Degree of Bachelor of Science in Chemical Engineering

Freshman Year

First Semester	Crs.
CME 001 The Engineering Profession	0
CHE 110 General College Chemistry I	3
ENG 101 Freshman Composition***	3
MA 113 Calculus	4
General Studies*	3
General Studies*	3
	16

Second Semester	
CME 002 The Engineering Profession	0
CHE 112 General College Chemistry II	3
CHE 115 General Chemistry Lab	3
ENG 102 Freshman Composition***	3
MA 114 Calculus II	4
General Studies*	3
	16

Sophomore Year

First Semester	
CME 200 Process Principles	3
CHE 230 Organic Chemistry	3
MA 213 Calculus III	4
PHY 231 General Univ. Physics	3
PHY 241 General Univ. Physics Lab	2
	15

Second Semester	
CME 220 Engr. Thermodynamics	3
CHE 231 Organic Chemistry Lab	1
CHE 232 Organic Chemistry	3
EM 221 Statics	3
MA 214 Calculus IV	3
PHY 232 General Univ. Physics	3
	16

Junior Year

First Semester	Crs.
CME 412 Staged Mass Trans. Proc.	2
CME 462 Process Control	3
CHE 440 Physical Chemistry	3
CS 221 First Course in Computer Science for Engineers	2
ME 330 Fluid Mechanics	3
Supportive Elective**	3
	16

Second Semester	
CME 006 The Engineering Profession	0
CME 422 Rate Mass Transfer Proc.	3
CHE 441 Physical Chemistry Lab	2
ME 325 Elements of Heat Transfer	3
MET 201 Materials Science	3
Supportive Elective**	3
General Studies*	3
	17

Senior Year

First Semester	
CME 007 The Engineering Profession	0
CME 430 Advanced Problems in Chem. Engineering	2
CME 431 Chemical Engineering Lab I	1
CME 455 Chem. Engr. Proc. Design I	2
CME 550 Chemical Reactor Design	3
CME 570 Chemical Separation and Measure for Chem. Engrs.	3
Elective (Mathematics)	3
General Studies*	3
	17

Second Semester	
CME 008 The Engineering Profession	0
CME 432 Chemical Engr. Lab II	3
CME 456 Chem. Engr. Proc. Design II	2
EE 305 Electrical Circ. & Mach.	3
Elective (CME)	3
Supportive Elective**	3
General Studies*	3
	17

*Select from General Studies areas IV, V, VI, VII or VIII in consultation with academic advisor.

**Supportive Electives are any University courses, excluding more elementary versions of required courses, such as pre-calculus math or PHY 211.

***The University English requirement can be satisfied in several ways--see General Catalogue.

Curriculum Leading to the Degree of Bachelor of Science in Metallurgical Engineering

Freshman Year

First Semester	Crs.
MET 001 The Engineering Profession	0
ENG 101 Freshman Composition*	3
MA 113 Calculus I	4
CHE 110 General College Chemistry 1	3
General Studies**	3
General Studies**	3
	16

Second Semester	
ENG 102 Freshman Composition*	3
MA 114 Calculus II	4
CHE 112 General College Chemistry II	3
CHE 115 General Chemistry Lab	3
PHY 231 General University Physics	3
PHY 241 General University Physics Lab	2
	18

Sophomore Year

First Semester	
MET 003 The Engineering Profession	0
MA 213 Calculus III	4
PHY 232 General University Physics	3
PHY 242 General University Physics Lab	2
ECO 260 Principles of Economics	3
ME 105 Basic Engineering Graphics	2
CS 221 First Course in Computer Science for Engineers	2
	16

Second Semester	
MA 214 Calculus IV	3
CME 220 Engineering Thermodynamics	3
ECO 261 Principles of Economics	3
CHE 236 Organic Chemistry	4
MET 201 Materials Science	3
	16

Junior Year

First Semester	Crs.
CHE 440 Physical Chemistry	3
EE 305 Elec. Circ. and Machinery	3
EM 221 Statics	3
General Studies**	3
MET 361 Struc. and Props of Alloys I	3
MET 302 MET Lab I	2
	17

Second Semester	
EM 302 Mechanics of Deformable Solids	3
ME 325 Elements of Heat Transfer	3
MET 362 Structure and Properties of Alloys II	3
MET 442 Extractive Metallurgy	3
MET 303 MET Lab II	2
MET 371 Seminar	1
	15

Senior Year

First Semester	
MET 412 Electronic Properties of Materials	3
MET 535 Mechanical Metallurgy	3
MET 304 MET Lab III	2
MET Elective	3
Technical Elective	3
Supportive Elective***	3
	17

Second Semester	
MET 314 MET Analysis	2
MET 538 Deformation Processing	3
General Studies**	3
MET Elective	3
Technical Elective	3
Supportive Elective***	3
	17

*The University English requirement can be satisfied in several ways-see UK Bulletin, Academic Policies and Course Descriptions.

**Select from General Studies areas IV-VIII in consultation with your academic advisor.

***Supportive electives are any University courses, excluding more elementary versions of required courses such as pre-calculus math or physics 211.

UNIVERSITY OF KENTUCKY

LEXINGTON, KENTUCKY 40506

ALBERT B. CHANDLER
MEDICAL CENTER
COLLEGE OF MEDICINE
OFFICE OF ACADEMIC AFFAIRS

December 10, 1975

AREA CODE: 606
PHONE: 233-5681

MEMORANDUM

TO: Members of the University Senate
and the Academic List of the Senate

FROM: D. Kay Clawson, M.D.
Dean, College of Medicine

The Academic Council of the College of Medicine has approved and submits for your approval the following new course and change in existing course for the Department of Biochemistry:

New Course

BCH 501 General Biochemistry 3 credits

An introductory course devoted to the structure and function of proteins and enzymes and the generation and storage of metabolic energy associated with the metabolism of carbohydrates, lipids, and amino acids.

Prerequisite: CHE 108 or 112, CHE 230 and CHE 232, or equivalent.
BIO 202 is also recommended.

Course Change

From:

BCH 502 General Biochemistry 3 credits

A continuation of BCH 401. The topics discussed include mechanisms of enzyme action, regulation of metabolic pathways and alternate pathways in plants and bacteria. The sequence BCH 401, 502 covers the material of BCH 811.

Prerequisite: BCH 401 or equivalent.

To:

BCH 502 General Biochemistry 3 credits

A continuation of BCH 501. The topics discussed include: The molecular basis of gene expression; molecular endocrinology; biochemistry of connective tissue, muscle, erythrocyte, and the immune system; structure, function and metabolism of membranes. The sequence BCH 501, BCH 502 covers the material of BCH 811.

Prerequisite: BCH 501 or equivalent.