

The University Faculty met in regular session at 4:00 p.m., Monday, October 10, 1960 in the Assembly Room of Lafferty Hall. President Dickey presided. Members absent were Roland W. Boughton, Jr., Lucian H. Carter, W.C. DeMarcus, Lyman V. Ginger, Carsie Hammonds, F.E. Hull, R.D. Jacobs, W.S. Krogdahl, F.A. Loeffel, L.L. Martin, Vernon Musselman, B.F. Parker, J.E. Reeves,* Doris M. Seward, H.A. Smith, Herbert Sorenson, Bob Wainscott, and William R. Willard.

The minutes of May 25, 1960 were read and approved.

The report of the Elections Committee for 1960 was presented by Professor Robert G. Lunde, Chairman, and approved by the University faculty.

Report of the Elections Committee of the University Faculty
for 1960

Ballots for the new members of the University Faculty were counted the afternoon of October 3rd. The results were certified to the President of the University for the preparing of the official list of members of the 1960-61 faculty.

A brief review of the election is as follows:

1. Twelve of the fifteen groups listed in the new Governing Regulations of May, 1960, elected "one representative for each five (or major fraction thereof) members of the teaching and research staff with the rank of assistant professor or above." The colleges of Law and Pharmacy had no vacancies. The College of Dentistry as yet has no representation.
2. The elected membership of this year's University Faculty, numbering 107 persons, is an increase of 26 members over the 1959-60 body. Those groups with additions or reductions in the number of representatives are: Social Studies--13 to 12, Physical Sciences--8 to 9, Biological Sciences--10 to 9, (College of Arts and Sciences--43 to 42). Agriculture--12 to 25, Home Economics--2 to 3, Education--4 to 7, Commerce--5 to 6, Medicine--1 to 7. In addition the College of Nursing elected one member and the University Libraries elected two members. The other groups, Literature, Philosophy and the Arts--16, Engineering--10, Law--2, Pharmacy--2, were unchanged.
3. Of the 483 ballots mailed, 391 or roughly 81% were returned. Ten ballots were received too late to be counted. The Committee wishes to bring to the attention of the College of Agriculture, because of its increased representation, the desirability of setting up groups for election purposes within the college. Some arrangement, similar to the one in effect in the College of Arts and Sciences, would assure the widest possible representation by providing periodic minimal representation from each department within such designated groups.

The Elections Committee:

Staley Adams
Don R. Jacobson
John M. Carpenter
Vernon A. Musselman
Maurice A. Clay (on leave)
Robert G. Lunde, Chairman

*Absence explained

October 5, 1960

President Frank G. Dickey
University of Kentucky

Dear President Dickey:

The current election of members of the University Faculty has been completed and the results are hereby certified. The members elected are listed by their respective groups together with their term of office.

In planning the election the committee considered two matters which it felt came within its prerogative. These were:

(1) Staggering the terms of the newly elected members into periods of three, two, and one years in order to re-establish balance within each college or group. The length of the term in each instance was determined by the number of votes received.

(2) The problem of the joint listing by two colleges of Members of the staff. The committee favored the listing of these persons in the college which budgeted more than half of the salary. In instances of an equal division of salary between two groups, the choice was determined by lot.

Literature, Philosophy and Arts

The six persons elected for three year terms expiring in 1963 are:

Clifford Amyx
Gifford Blyton
George Brady
Robert O. Evans
Henry H. Jack
Alberta Server

Richard B. Freeman was elected to fill out the term of Robert J. Buck (resigned) which expires in 1961.

Social Studies

The three persons elected for three year terms expiring in 1963 are:

John Flint
John Ball
Green Trimble

Amry Vandebosch was elected to serve one year, 1960-'61 of the term of Enno Kraehe (on leave 1960-61). Kraehe's term expires in 1962.

Physical Sciences

The three persons elected for three year terms expiring in 1963 are:

Lewis W. Cochran
W.C. Royster
Paul G. Sears

The person elected for a two year term which expires in 1962 is:

W. S. Krogdahl

The person elected for a one year term which expires in 1961 is :

Wendell C. Demarcus

Francis L. Yost was elected to fill out the term of L. W. Gildart (on leave in Indonesia) which expires in 1961.

Biological Sciences

The two persons elected for three year terms expiring in 1963 are:
Francis Kodman, Jr.
Don C. Seaton

Herbert Riley was elected to fill out the term of L. L. Boyarsky (transferred to Medicine) which expires in 1961.

College of Agriculture

The nine persons elected for three year terms expiring in 1963 are:
Aubrey J. Brown
Dana Card
Stephen Diachun
Ernest N. Fergus
Wesley Garrigus
Frank Loeffel
B. F. Parker
Roy E. Sigafus
Lee H. Townsend

The four persons elected for two year terms expiring in 1962 are:
Thomas B. Hutchison
James D. Kemp
William C. Templeton
P.G. Woolfolk

The four persons elected for one year terms expiring in 1961 are:
Charles F. Buck
Floyd E. Hull
Dwight Seath
William A. Seay

Richard Thurston was elected to fill out the term of George W. Schneider (new Associate Director of Extension) which expires in 1961.

Home Economics

The person elected for a three year term expiring in 1963 is:
Ann Brownlie

The person elected for a two year term expiring in 1962 is:
Jessie W. Ringo

Lois B. Combs was elected to fill out the term of Helen Marshall (resigned) which expires in 1961.

Engineering

The four persons elected for three year terms expiring in 1963 are:
Staley Adams
W. Merle Carter
George Crewe
Oliver Gard

Law

No vacancy

Education

The three persons elected for three year terms expiring in 1963 are:

James T. Moore
Vernon Musselman
Herbert Sorenson

The person elected for a two year term expiring in 1962 is:

Ellis Hartford

Commerce

The two persons elected for three year terms expiring in 1963 are:

Carl Cabe
John T. Masten

The one person elected for a one year term expiring in 1961 is:

Robert Haun

Pharmacy

No vacancy

Medicine

The three persons elected for three year terms expiring in 1963 are:

W. H. Knisely
E. D. Pellegrino
G. W. Schwert

The two persons elected for two year terms expiring in 1962 are:

Loren D. Carlson
Alan Ross

The person elected for a one year term expiring in 1961 is:

R. E. McCafferty

L. L. Boyarsky, a member the past two years of the Biological Sciences group, will serve the remaining year of his term, which expires in 1961, as a representative of the College of Medicine.

Nursing

The person elected for a three year term expiring in 1963 is:

Suzanne F. Prough

University Libraries

The person elected for a three year term expiring in 1963 is:

Jacqueline Bull

The person elected for a two year term expiring in 1962 is:

Ellen Stutsman

Sincerely yours,

Robert G. Lunde, Chairman
Elections Committee

President Dickey extended a cordial welcome to the newly elected members of the Faculty.

Dean Shaver presented resolutions on the deaths of Dean Emeritus James H. Graham and Louise Gray Webb, former instructor in Engineering Drawing; Dr. Card read resolutions on the death of Professor L. A. Vennes after which he moved that the resolution be adopted and copies sent to the families of Professor Vennes. Deans White and Matthews presented motions that resolutions on the deaths of Dr. Hobart Ryland and Professor W. Lewis Roberts be recorded in the minutes. The Chairman called for a minute of silent prayer in memory of these deceased and in acceptance of these resolutions.

Resolution on the Death of James H. Graham

Colonel James Hiram Graham, Dean Emeritus of the College of Engineering of the University of Kentucky, died in the hospital at Chester, New Jersey, after a long illness. Colonel Graham was a native of Kentucky, born on a farm on Shepherdsville Road near Louisville. He received the degree of Bachelor of Civil Engineering from the University of Kentucky in 1900. While attending the University he was a member of the famous 1898 football team renowned in the fact that it was unbeaten, untied, and unscored on.

In 1917 he entered the army as captain in the Engineering Corps and did outstanding work in organizing the Engineers Supply Service and supervising construction of American railroad lines and docks overseas. After the Armistice he directed the repair of some 7,000 miles of highway in France and Germany. Colonel Graham was decorated by the United States with the Distinguished Service Medal and France presented him with the Legion of Honor.

After the World War I, Colonel Graham became an engineering and industrial consultant in New York. Later he was President of the Indian Refining Company in Illinois. In 1930 he retired to his farm near Louisville.

Colonel Graham accepted the appointment as Dean of Engineering at the University in 1935. His tenure as Dean was marked by a modernization of the Engineering College and its curricula including remodeling of the Engineering Building and facilities. Dean Graham also was consultant for an extensive program on the campus covering the construction of six new buildings. He was technical advisor to the State and helped plan the State Reformatory at La Grange and the Kentucky State Hospital near Danville.

Toward the end of his long life he was still active and helpful as advisor to the University administration.

Colonel Graham was a scholar, a real gentleman, and an

excellent business man whose work in many fields will long be remembered.

Therefore, be it resolved that these resolutions be approved by the faculty of the University of Kentucky as an expression of its high regard for him; and be it further resolved that they be spread upon the minutes of this meeting and copies be sent to members of his family.

Resolution on the Death of Miss Louise Gray Webb

Miss Louise Gray Webb, retired Instructor in Engineering Drawing and Librarian, College of Engineering, who had been on change-of-work status since July, 1946, died on September 18, 1960.

Miss Webb was born in Woodford County, Kentucky, a daughter of the late Isaac and Benela Webb. She was educated at Sayre Institute, Lexington, Kentucky. She was a resident of Lexington most of her life and a member of the Immanuel Baptist Church.

Miss Webb taught Engineering Drawing in the College of Engineering from September, 1918 to June, 1939. She then served as Librarian of the Engineering Library, July, 1939 to June, 1946, after which she was placed on change-of-work status.

She was enthusiastic in her work with the students, interested in their welfare and aspirations, loyal to the University, and respected and admired by the faculty and student body.

She was interested in many civic enterprises and was found willing and ready to do her part to help.

Miss Webb will live on in the minds and hearts of many students who came under her influence while a teacher in the College of Engineering, University of Kentucky.

The above statements have been approved by the Faculty of the College of Engineering in regular session, September 26, 1960.

Therefore, be it resolved that these statements be presented to and approved by the University Faculty in its next regular meeting, October 10, 1960, in recognition of the long and faithful service of Miss Louise Gray Webb to the University of Kentucky; that a copy of this resolution be made a part of the records of the Faculty of the College of Engineering; that a copy be sent to the family of Miss Webb.

Resolution on the Death of Professor L. A. Vennes

Leon Angus Vennes, Associate Professor of Marketing and Extension Specialist in Agricultural Marketing, died suddenly of a heart attack on March 5, 1960. He came to the University of Kentucky as Field Agent in Marketing on September 1, 1930. On January 1, 1947 he was appointed to part-time teaching duties with the rank of Assistant Professor. Since that date Professor

Vennes has taught classes in Agricultural Marketing, Agricultural Prices and Agricultural Cooperation, as well as carrying on educational work with farmers and farm organizations throughout Kentucky, to help them solve their problems in marketing and in cooperation. All of these functions were performed with extraordinary success.

As a teacher, Professor Vennes was loved and appreciated by his students, as evinced, on many occasions, by their presentations to him, at the end of the semester, of gifts and letters of recognition and appreciation. He had the ability to teach in a way that stimulated student effort and imagination. He did not pamper but gave guiding help to students, and then expected results in the application of principles to practical problems of the day.

As an educator among farm groups, Professor Vennes exerted leadership in a quiet but effective manner, while winning warm personal friends in the process. He did not actively seek out friendships, but automatically drew people to him with his honest, wholesome and helpful manner. Tributes received from farm groups in Kentucky, and elsewhere, provide eloquent testimony to this fact. As one group expressed it, Mr. Vennes "had a great deal of ability, but above all he had a wonderful personality and a sense of fairness which made him an ideal man to handle controversial subjects." Another: "Having worked with him on numerous occasions during the past twenty-five years....he had become one of those special persons in my life." A marketing organization with which Vennes worked many years included the following in its resolutions: "He was a man of a kind and gentle disposition, who was persuasive rather than dominant. His subtle approach will be sorely missed. He was devoted to his duty wholeheartedly....and certainly placed the best interests of his State, his University and his students....far beyond his own personal comfort and time."

For six months in 1954 Professor Vennes was on leave from the University to serve as Land-Grant College Consultant for the American Institute of Cooperation - a service which he performed with distinction.

Mr. Vennes was born in Wheeler, Wisconsin, on March 22, 1899. He received the B. S. degree from Iowa State College in 1925 and the M. S. degree from the same institution in 1930. He spent the year 1937-38 in further graduate study at the University of Wisconsin. He taught high school from 1921 to 1923, and was Field Agent for the Dairy Council in St. Paul, Minnesota from 1925 to 1929.

The Faculty of the University of Kentucky wishes to express to Mrs. Vennes and her son, William Thompson Vennes, their deep sympathy and their feeling of mutual sorrow in the loss of this beloved teacher, associate and friend.

Resolutions on the Death of Lucian Hobart Ryland

The College of Arts and Sciences suffered a tremendous loss on July 20, 1960, with the sudden death of Lucian Hobart Ryland, professor of Romance Languages in the Department of Modern Foreign Languages.

Dr. Ryland was born in Richmond, Virginia, on July 17, 1901, and received the A. B. and M. A. degrees from VMI in 1923 and 1928, respectively. He studied at the universities of Grenoble, Heidelberg, Paris, Seville, and the University of Aix-en-Provence, France, which in 1931 conferred on him the degree of Docteur de l'Universite.

His teaching career included several years on the staff of VMI, before he came to the University of Kentucky in 1935 as Head of the Department of Romance Languages. From 1943-45 he taught French at the U. S. Military Academy, attaining the rank of major.

Dr. Ryland was an honorary member of the Societe des Arts, Sciences et Lettres de l'Aveyron, France, and was an active member of the honorary romance languages fraternity, Phi Sigma Iota. He also belonged to the following professional groups:

Modern Language Association
 American Association of Teachers of French
 South Atlantic Modern Language Association
 American Association of University Professors
 Central States Modern Language Association

His diversity of academic interests led to his active participation in the University of Kentucky Research Club, the Humanities Club, the University Faculty, and the Graduate Faculty. He was an associate director of the Kentucky Foreign Language Conference for the thirteen years it has been in existence and he served also as an associate editor of the French Review.

Dr. Ryland had such wide and diversified non-scholastic interests as bowling, gardening, golf, chess, photography, the violin, and bridge. He was a valued member of the Blue Grass Bridge Association and the University Faculty Club and his loss will be keenly felt by all these groups.

His varied interests are well reflected in his publications:

Francois Fabie, Regionaliste, published in France
Contract Bridge, written in collaboration with another writer and published in Spain
Sources of the Play, "Cyrano de Bergerac," published by the Institute of French Publications, New York
Les confidences d'Arsene Lupin, a textbook
Streamlined French, used here in mimeographed form for several years
Prof and Easy: The Story of Two Dogs, a book for children
 an unpublished biography of the Marquis de Sade
 a translation of the novel Adelaide of Brunswick by the Marquis de Sade
 various articles in numerous magazines and journals

At the time of his death, Dr. Ryland was working on an edition of Jules Janin's dramatic criticism, under a grant from the University of Kentucky Research Foundation.

Dr. Ryland's name is listed in:

America's Young Men
Directory of American Scholars
Who Knows--and What
Who's Who in the South and Southwest
Who's Who in Kentucky

Dr. Ryland was of a modest, unassuming nature, very cooperative, genuinely interested in the work of others, and always ready to accept a mental challenge. He encouraged both colleagues and students in their endeavors. The College of Arts and Sciences has lost a valued colleague and friend and extends sympathy to Dr. Ryland's survivors--his wife and three children: Hume Hamilton, Meldagonde (Mrs. Mack Hughes), and Molly. The College also recommends that a copy of these resolutions be spread upon the minutes of this Faculty and a copy be sent to the Board of Trustees.

Alfred C. Brauer
 Victor R. Portmann
 T. C. Walker
 Alberta Wilson Server
 Chairman
 September 26, 1960

Resolution on the Passing of Professor William Lewis Roberts

William Lewis Roberts, Professor Emeritus of the University of Kentucky College of Law, died in Lexington on July 14, 1960. He is survived by his wife, Lela Page Roberts, and his son, Raymond Bradley Roberts.

Professor Roberts was born in Goffstown, New Hampshire, February 17, 1877. He received the A. B. degree from Brown University in 1903, the A. M. degree from Pennsylvania State College in 1915, the J. D. degree from the University of Chicago in 1920, and the S.J.D. degree from Harvard University in 1930. He began his teaching career in 1904 as principal of the Canaan High School, Canaan, New Hampshire, and taught in public high schools and at Pennsylvania State College and Colby College until 1919. He practiced law in Boston and in Keene, New Hampshire, before coming to the University of Kentucky in 1920, where he served as Professor of Law until 1947. He was Visiting Professor of Law at the University of Pittsburgh (1930-1931) and a member of the legal staff of the Glenn L. Martin Company in Baltimore (1943-45). Following his retirement from teaching at Kentucky, he served as Visiting Professor of Law at the University of Kansas, the University of Houston, Valparaiso University, and Saint Louis University.

Professor Roberts taught many subjects, but his primary interest was in the field of property, in which he published a casebook, Cases on Personal Property (1938). He was also the author of Kentucky Annotations to the Restatement of the Law of Security (1950), Kentucky Practice Forms (1953), and numerous articles.

Those who had the privilege of studying under Professor Roberts--and there were many during his more than thirty years of law teaching--will remember with deep appreciation his thorough teaching, his constant admonition to "think like a lawyer," and his keen and continuing interest in their careers after graduation. His death is a personal loss to his colleagues, his former students, and the bar of Kentucky.

His contribution to the College of Law, to the University of Kentucky, and to this faculty is deserving of permanent recognition and recordation.

Be It Resolved, Therefore, that this resolution be adopted, spread upon the minutes of the University of Kentucky Faculty at its regular meeting on October 10, 1960, and that copies be sent to Mrs. Lela Page Roberts and Mr. Raymond Bradley Roberts.

The list of candidates for degrees at the August 5, 1960 Commencement as circularized to the University Faculty, was presented and approved by the University Faculty.

GRADUATE SCHOOL

Albert Dennis Kirwan, Dean

CANDIDATES FOR THE DEGREE OF DOCTOR OF EDUCATION

NAME	ADDRESS
Robert Lee Collier Dissertation: "The Kentucky Court of Appeals, Religion and the Public Schools: 1891-1960"	Symsonia
Oscar Henry Gunkler Dissertation: "A Study of Effects of a Daily Intensive Physical Education Program on a Group of High School Students"	Berea
Euclid Leon Porter, Jr. Dissertation: "A Study of Provisions for Superior Science Students in Selected Kentucky Public High Schools"	Lexington

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

NAME	MAJOR SUBJECT	ADDRESS
Herbert A. Aurbach Dissertation: "An Empirical Study in the Application of the Folk-Urban Typology to the	Sociology	Pittsburgh, Pa.

	Classification of Social Systems"	
Betty Charles Detwiler	Mathematics	Eminence
Dissertation:	"A Variational Method for Functions Convex in the Direction of the Imaginary Axis and Related Functions"	
Charles Robert Minton	Economics	Norfolk, Va.
Dissertation:	"Description of the Invest- ment Company Industry, and an Analysis of the Invest- ment Performances, Portfolio Policies, and Practices of Twenty Selected Open-end Investment Companies"	
Joy M. Neale Query	Sociology	Lexington
Dissertation:	"A Cultural Comparison of Schizophrenia in Mountain Rural and Metropolitan Kentucky"	
Otis Kermit Rice	History	Hugheston, W.Va.
Dissertation:	"Frontier West Virginia: Some Aspects of its Political, So- cial, and Economic Development"	
Everett C. Simpson	Genetics	Maysville
Dissertation:	"Semen Production and Fertility of Rams Following Exposure to Controlled Ambient Temperatures"	

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS

NAME	MAJOR SUBJECT	ADDRESS
Frank Beale Borries, Jr.	History	Lexington
Virginia Lee Caddell	Spanish	Williamsburg
William B. Cammack	Economics	Lexington
Robert E. Collier	English	Ashland
Laura Virginia Roberts Collins	English	Prestonsburg
Hugh Rodman Coomes, Jr.	Mathematics	Fort Thomas
Mohamed Raja Durayni	English	Syria
Ann Chastain May	French	Louisville
Mary Ellen Miller	English	Willard
Charles T. Nall	History	Lexington
Betty Sue Massengill Peters	French	Cynthiana
Dwight Lewis Price	Physical Education	Lexington
Martha Ann Rolingson	Anthropology	Denver, Colo.
Barney Baer Silverman	History	Winchester
Charles J. Sutherland	Physical Education	Lexington
Lois Hall Wagers	French	Lexington

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

NAME	MAJOR SUBJECT	ADDRESS
Thomas Jack Carrington	Geology	Nicholasville
John Ransford Davis	Physics	Lexington
John Hazle Ellis	Chemistry	Georgetown
Gustav Joachim Elterich	Agricultural Economics	Germany
Mona June Hagyard	Physics	Lexington
Donald Moss Mattox	Physics	Lexington
Ray Reed	Anatomy and Physiology	Salyersville
Ray Thomas Reynolds	Physics	Lexington
Hubert Lyle Richards	Chemistry	Russell
William Joseph Riffe	Anatomy and Physiology	Danville

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN AGRICULTURE

NAME	MAJOR SUBJECT	ADDRESS
Dudly Wills Arnett	Animal Husbandry	Lubbock, Tex.
Dan Wendal Cain	Agricultural Economics	Almo
Robert Malcolm Crouch	Agricultural Economics	Alexandria
Ray Arvid Field	Animal Husbandry	Lexington
Franklin Delano Griffith	Poultry Science	Morrisvale, W.Va.
Donald Wells Heilman	Dairy Science	Campbellsburg
Robert Marion Huffman	Agricultural Extension	Winchester
Bernard Montgomery Jones, Jr.	Animal Husbandry	Princeton
Charles Mackay	Agricultural Economics	Scotland
Ulrich Nebiker	Agricultural Economics	Switzerland
Gary Charles Peterson	Animal Husbandry	Oneida, Ill.
Florentius Sudjanadi	Agricultural Economics	Indonesia
George Larkin Summers	Animal Husbandry	Glendale
Charles Early Wyatt	Agronomy	Mayfield

CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN CIVIL ENGINEERING

NAME	MAJOR SUBJECT	ADDRESS
Donald Raymond Cress		Lexington

CANDIDATE FOR THE DEGREE OF MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

NAME	ADDRESS
John William Calvert	Georgetown

CANDIDATES FOR THE DEGREE OF MASTER OF ARTS IN EDUCATION

NAME	ADDRESS
Robert George Adams	Dayton, Tenn.
Blucher Allen, Jr.	Cincinnati, O.
Corinne Dowell Allen	Campbellsville
Dorothy Grugin Archer	Frankfort
Nancy Clark Armstrong	Lexington
Carl Cooper Ashby	Owensboro
Ovetta Taylor Basey	Hazard
William Clyde Bibb	Owensboro
Bernice Boggs	Loyal
Betty Bush Botts	Winchester
Ann Murray Brooking	Georgetown

NAME	ADDRESS
James Ladd Brown	Owensboro
Peggy Sue Brown	Georgetown
Junius Earl Bryant	Columbia
Dorothy Caldwell	Burlington
Alma Faye Campbell	Hazard
Lou Ellen Campbell	Combs
Bertha Victoria Krisch Carwell	Greencastle, Ind.
Billie D. Cawood	Cawood
Charles Roy Clark, Jr.	Largo, Fla.
John T. Corey	Louisville
Ivan Melford Curnutte	Lexington
Richard Allen Davidson	Jonesville, Va.
William Carol Doan	Liberty
Jocelyn Limerick Dunn	Stanford
Frances Kindred Eubank	Winchester
Elizabeth Ann Foley	Williamsburg
Elhanan Pete Grigsby, Jr.	Lexington
Robert Val Guthrie	Lexington
Mildred Winfrey Hale	Russell Springs
James Edwin Hardin	Lexington
Earnestine Thorn Harned	Frankfort
Patsey Field Harney	Richmond
John Edward Hills	Columbia, S.C.
Berniece Terry Hiser	Buckhorn
Virginia R. Hodge	Princeton
Thelma LaVerne Holcomb	Nicholasville
Gayle Wright Horn	Georgetown
William Rockett Houghton	Anchorage
Wilma Janetta Howard	Louisville
Linda Lee Hurst	Miami Shores, Fla.
Donald Jay Hussey	Lexington
James Edward Ingle	Lexington
Kathryn Stackhouse Johnson	Crestwood
Darlene Mae Justice	Pikeville
Sara Pridemore Kelley	Anderson, Ind.
Lew Wright Kelly	Lynch
Hall Moore Kinney	Cynthiana
Noah E. Lambeth	Mobile, Ala.
Wendell Malcolm Lykins	Louisville
Estill McIntyre	Hazard
Hazel Riddle Mckenzie	Lexington
Wanda Rawlings Maxey	Flemingsburg
John Taylor Merritt	Berea
Robert E. Messer, Jr.	Walker
Minnie Pearl Miller	Cecilia
Ann Lyne Morgan	Adairville
Lucille Dunn Mundy	Lexington
Jane Thornburg Neff	Mason, O.
Richard McDowell Nichols	Cynthiana
Guy Russell Patterson	Cynthiana
Jimmie Andre Peyton	Georgetown
James Howard Pigman	Dema
John Henry Porter	Nebo
Suzanne Quarles	Frankfort
Ruth Lethram Rankin	Flemingsburg
Amy Rutherford Reeves	Lexington
Charles Evans Richardson	Lexington
Robert W. Sloane	Lexington

NAME	ADDRESS
Eva C. Smith	Ary
Fred Homer Smith	Quincy
Darrel B. Story	Waynesburg
Maurice Strider	Lexington
Louise Clark Switzer	Stamping Ground
Charlcia V. Smith Taylor	Jenkins
Daniel G. Tudor	Covington
Franklin Fox Vermillion	Winchester
Thomas Waddell	Larkslane
Pauline Honn Williams	Winchester
Ford Wilson	Pineville
Jewell Morris Wilson	Pineville

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN EDUCATION

NAME	ADDRESS
Joann Atcher	Cox's Creek
Edward Hunt Brakefield	Irvine
Joseph Chester Brockman	Lebanon
Barbara Ann Arnold Carlisle	Madisonville
A. E. Cloar	Munfordville
Watson Garret Craft	Florence
Bert Bailey Dillihay	Drakesboro
Elvin E. Durham	McKinney
Cecil Hall Dyer	Burkesville
Martha Sue Ernst	Owensboro
Ray Graham	Hodgenville
Kenneth Marion Harrison	Owensboro
Marion Elton Higgs	Caneyville
Mary Dancie Hodge	Princeton
Marjorie Gabbard Hylton	Richmond
Lucy T. Lisanby	Georgetown
Fay A. Love	Columbus, O.
Glen Calvin Massengale	Paris
Gentry Neeley	Fountaintown, Ind.
Ema Jean Niles	Millers Creek
Charles Emery Read	Hodgenville
Mancil James Vinson	Frankfort
Mildred Carolyn Williams	Taylorsville
James Clifford Wilson	Alvaton

CANDIDATES FOR THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION

NAME	ADDRESS
Coleman Shrout	Lexington
Billy Harold Sipes	Louisville

CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE IN LIBRARY SCIENCE

NAME	ADDRESS
Sally George Blakey	Beattyville
Mildred Luker Gill	Frankfort
Omer Hamlin, Jr.	Milligan College, Tenn.
Sallie Broadus Harper	Louisville
Mary Jeanette Householder	Chattanooga, Tenn.

NAME	ADDRESS
Harriet S. Johnson	Mousie
Sallie Mae Prather	Paris
Carolyn Rasmussen Saffel	Baltimore, Md.
Linda Lou Soto	Charleston, W. Va.

CANDIDATES FOR THE DEGREE OF MASTER OF MUSIC

NAME	ADDRESS
John Baldwin Edmondson	Nokomis, Fla.
Marcia Bryant Morgan	Williamsburg
Ashley Lee Ward	Alexandria
JoAnn Elizabeth Williams	Madison, Ind.
William Harry Woodworth	Ionia, Mich.
Marian Hampton Yarbrough	Georgetown

COLLEGE OF ARTS AND SCIENCES

Martin Marshall White, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

NAME	MAJOR SUBJECT	ADDRESS
Ethel N. Ambrose	History	Lexington
James Roy Biggs	Chemistry	Paducah
Joseph Brooke Bishop	History	Titusville, Pa.
Hugh Leonard Cannon	Arts-Law	Melvin
Robert Bryan Chambliss	Arts-Medicine	Hardinsburg
Lloyd Russell Cress	Arts-Law	Clay City
Ross L. Crow	Modern Foreign Languages	Oakton
Sue Anna Dodd	Political Science	Lexington
Virginia Ghee	Modern Foreign Languages	Louisville
Sue Thomas Jobe Golan	Modern Foreign Languages	Lexington
Jennie Lee James	English, Speech, and Dramatic Arts	Argo, Ill.
James Henry Jeffries III	Arts-Law	Lexington
Martha Louise Kuebler	English, Speech and Dramatic Arts	Louisville
Earl Franklin Martin, Jr.	Arts-Law	Hartford
Billie Rose Paxton	English, Speech and Dramatic Arts	Greenville
Larry Doretta Raikes	Arts-Law	Hodgenville
Richard Earl Sexton	Topical Field--Transportation and Communications	Bellevue
John Packard Sprague	Philosophy	Lexington
Burdette Gerald Taylor	Psychology	Lexington
Gloria Stinnett Washington	Library Science	Lexington
Richard T. Wilkins	Philosophy	Louisville

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE

NAME	MAJOR SUBJECT	ADDRESS
Charles Claiborne Bond	Psychology	Perryville
Jack Alan Brown	Anatomy and Physiology	Covington
Murphy Howard Green	Arts-Medicine	Harlan

NAME	MAJOR SUBJECT	ADDRESS
David Laird Gullett	Anatomy and Physiology	West Liberty
Willibrordus Harjadi	Chemistry	Indonesia
Edward Noble Humston	Arts-Medicine	Lawrenceburg
Mary Magalene Johnson	Zoology	Lexington
Richard William Knodel	Botany	Mt. Vernon, N. Y.
Ronald Edwin Overfield	Arts-Medicine	Henderson
Paul E. Shoemaker	Air Science	Williamstown
Samuel Clinton Webb	Anatomy and Physiology	Neon

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS IN JOURNALISM

NAME	ADDRESS
Carole M. Martin	Trenton, N.J.
James Monroe Phillips, Jr.	Paducah
Herbert Arthur Steely	Williamsburg

CANDIDATES FOR THE DEGREE OF BACHELOR OF MUSIC

NAME	ADDRESS
George Carl Bitzer	Newport
Alice Elizabeth Broadbent	Hopkinsville

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Frank J. Welch, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE

NAME	ADDRESS
Charles Frederick Beyer	Paducah
Christopher Columbus Combs	Falmouth
William Lockwood Cordle	Ashland
Kenneth Parker Ewing	Bradfordsville
Joseph Porter Hoffman	Georgetown
William Abner Johnson	Nicholasville
Jerry Myron McRay	Shelbyville
James Brown Markley	Lexington
Roger Joseph Woeste	Alexandria

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS

NAME	ADDRESS
Jennie Bell Arvin	La Grange
Rose Delores Goheen	Gilbertsville
Marilynn Clell Loving	Ashland
Martha Raye Sherfey	Glasgow
Betty Jean Walker	Owenton

COLLEGE OF ENGINEERING

Robert Ezekiel Shaver, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

NAME	ADDRESS
------	---------

James William Berling	Fort Wright
Edward Alan Byers	Lyndon
John S. Cuphone	Little Ferry, N.J.
Bobby Ross Flener	Morgantown
Paul Ray Francis	Monticello
Dale Joseph Kauzlick	Lexington
William Howell Kennoy	Lexington
Otto Kroboth-Tomann	Caracas, Venez.
Robert Johns Lewis	Georgetown
Joseph L. Poage	Brooksville
Ronald Jay Price	Pleasantville, N.J.
Alfred Ward Western	Richmond, Va.
Henry Jack Wilson	Mayfield

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

NAME	ADDRESS
Marvin Ray Belew	Demossville
Marvin Ray Bell	Dawson Springs
George Reese Bentley, Jr.	Pineville
Olin Wayne Bryant	Paducah
Billy Shannon Compton	Rush
Kermit Woodward Deal	Ashland
James Allen Dobbs	Owensboro
James Payton Hodge	Lexington
Andrew Charles Hudak	Lynch
Paul Wayne Phillips	Elkton
Raford Elmer Ramage	Burna
Stanley Jearld Simandle	Versailles
Oscar Gardner Turner	Lexington
James Lee Vincent	Manfordville

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

NAME	ADDRESS
Gene Delano Barber	Lexington
Charles Fredric Duffield	Sutton, W. VA.
Homer Wendell Fannin, Jr.	Isonville
William David Goins	Frankfort
John Luther Loving	Dubois, Pa.
Jack Raymond Mellett	Lexington
Samuel Payne Smith	Lawrenceburg

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

NAME	ADDRESS
Charles Roy Dixon, Jr.	Sanford, N.C.
James Edward Steedly, Jr.	Shepherdsville

COLLEGE OF EDUCATION

Lyman Vernon Ginger, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION

NAME	MAJOR SUBJECT	ADDRESS
Raymond Conrad Abbott	History and Political Science	Covington
Dessie Smith Amburgey	Elementary Education	Bath
Nora Hammonds Amburgey	Elementary Education	Littcarr
Dorothy Dakota Baker	Elementary Education	Fort Thomas
Ruth Crowe Baker	Elementary Education	Covington
Glenna Mullins Barnett	Elementary Education	Wilmore
Mayme Taylor Benton	Elementary Education	Paris
George Wallace Briscoe	Physical Education	Middletown
Pauline Dozier Brown	Elementary Education	Versailles
Larry Garmon Bruce	Commerce	Lexington
Ruth Ann Burdette	Elementary Education	Lexington
Marilyn McCants Burnside	History and Political Science	Winston Salem, N. C.
Mildred Fay Chiles	Commerce	Lexington
Margaret Sue Christie	Social Studies	Greensburg
Thelma Kohler Conway	Elementary Education	Wheelwright
Barbara Ann Cox	Music	Hodgenville
Emma Jane Crace	History and Political Science	Winchester
Virginia Lucille Cummins	Elementary Education	Lexington
Patricia Jean Dunn	English	Lexington
Donald Lee Ellington	Social Studies	Lexington
Sylvia Smith Gaines	Elementary Education	Frankfort
Eunice Monhollen Gibbs	Elementary Education	Covington
Dorothy Caroline Gibson	Special Education	Lexington
Mary Carol Glunt	Commerce	Erlanger
Fern Cummins Godby	Elementary Education	Versailles
Billie Nunn Hall	Elementary Education	Stamping Ground
Virginia Hall	Elementary Education	Pippa Passes
Pearl Joseph Helton	Elementary Education	Hazard
Anna Coop Hopkins	Art	Wheelersburg, O.
Johanna Camenisch Hounsshell	Elementary Education	Midway
Nola Combs Hunt	Elementary Education	State College, Pa.
Joseph E. Jeffries	Mathematics	Liberty
Beverly Brown King	Elementary Education	Lexington
Hazel Marjorie Koger	Elementary Education	Monticello
William P. McCall	Biological Sciences	Leitchfield
Ester P. McElfresh	Elementary Education	Cincinnati, O.
Patricia Sue Masten	Elementary Education	Lexington
John Lee Miller	Physical Education	Mt. Sterling
Nellie Dell Miller	Elementary Education	Shelbyville
Bennie Lee Moore	Mathematics	Garrett
Margaret C. Munford	Elementary Education	Frankfort
Pearl Groves Napier	Elementary Education	Louisville
Mary Ellen Nelson	Elementary Education	Lexington
Judith Ann Nethery	English	Lexington
Fay Dudley Overstreet	History	Liberty
Inez Owens	Elementary Education	Bevinsville
Agnes Feck Parker	Elementary Education	Frankfort
William Douglas Perry	History and Political Science	South Fort Mitchell
Martha Ferguson Powell	Elementary Education	Harlan
Phyllis Reynolds	Elementary Education	Pippa Passes
Verbena Howard Sampsell	Elementary Education	Vicco
Gilbert Shirley	Mathematics	Lexington
Russell Sue Smith	Elementary Education	Littcarr
Paul Edward Stanley	Elementary Education	Campbellsville

NAME	MAJOR OR AREAS	ADDRESS
Louise Turpin Stevens	Elementary Education	Lexington
Richard Thomas Stevens	Mathematics	Lexington
Jacqueline Thompson Sutton	Elementary Education	Mackville
Beatrice F. Thacker	Elementary Education	Phyllis
Joyce Ann Triplett	Business Education	Lackey
Mattie Sue True	Elementary Education	Frankfort
Margaret Edith Tucker	History and Political Science	Campbellville
Shirley S. Vanderpool	Elementary Education	McDowell
Charles L. Whitted	Elementary Education	Louisville
Ginger Thomas Wilson	Physical Education	Irvington
Thelma Henson Wilson	Elementary Education	Middletown
George Eugene Winfree	Business Education	Danville

COLLEGE OF COMMERCE

Cecil Clayton Carpenter, Dean

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMMERCE

NAME	ADDRESS
David Henry Abbott	Milton
Effie Morgan Begley	Jackson
Harold Dean Belcher	Nicholasville
Marvin Denny Brewer	Louisville
Harry Howard Browning	Covington
Nancy Tanner Cabot	Honolulu, Hawaii
Charles Schikry Cassis	Huntington, W. Va.
Michael Alan Conner	Hebron
Cecil Allen Crouch	Louisville
Thomas McFall Dovel	Mt. Crawford, Va.
William Lemuel Easterling	Hardy
Harvie Lee Eubank	Covington
John Taylor Ferrell	Harrodsburg
Patsy Lowe Hubbard	McAndrews
James Edward Kraus, Jr.	Cincinnati, O.
James Joseph McGlone	Lexington
Gene Lowell McGuire	Covington
Walter Paul Maynard	Fort Wright
Sara Ann Mock	Hillsboro, O.
Carolyn Ann Moore	Paris
Ronald Wade Morgan	Hyden
William Gill Nash, Jr.	Murray
David Russell Page	Baltimore, Md.
Hadley Wayne Riddle	Lexington
Julia Yvonne Schenck	Carrollton
Tony Sloan	Albany
James Darrell Williams	Shelbyville
James Paul Wilson	Lexington
Violet Lucille Wollner	Grafton, Wis.

CANDIDATES FOR DEGREES
August 5, 1960

UNDERGRADUATES

Arts and Sciences

AB.....	21
BS.....	11
ABJ.....	3
BM.....	<u>2</u>
	37

Agriculture and Home Economics

BS in Agr.....	9
BS in Home Ec.....	<u>5</u>
	14

Engineering

BS in CE.....	13
BS in EE.....	14
BS in Me E.....	7
BS in Met E.....	<u>2</u>
	36

Education

AB in Ed.....	66
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Commerce

BS in Com.....	29
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GRADUATES

Ed. D.....	3
Ph. D.....	6
MA.....	16
MS.....	10
MS in Agr.....	14
MS in CE.....	1
MS in EE.....	1
MA in Ed.....	81
MS in Ed.....	24
MBA.....	2
MS in L.S.....	9
MM.....	<u>6</u>
	173

Totals:

Undergraduate	182
Graduate	<u>173</u>
	355

Dr. Kuiper, Chairman of the University Faculty Program Committee, reported on the functions of that Committee. He stated that in addition to the Chairman the membership consisted of Doctors Enno Kraehe, William S. Ward and R.H. Weaver; that its purpose was to receive suggestions from the University Faculty as well as other members of the staff of problems which they would like to have discussed at the University Faculty meetings. He urged faculty members to bring to any of the Committee members any topic which they wished discussed. He stated that two topics which would be discussed were the University Centers and the Curriculum of the University. President Dickey thanked Dr. Kuiper for his report and stated that a discussion of the University Centers would be on the agenda of the November 1960 University Faculty meeting.

Dean White presented recommendations from the College of Arts and Sciences for new and dropped courses which were approved by the Faculty.

COLLEGE OF ARTS AND SCIENCES

Office of the Dean

June 28, 1960

To: University Faculty
 From: M. M. White

The College of Arts and Sciences recommends the following course changes for your approval:

NEW COURSES

- Art 200, ART HISTORY SURVEY: PRIMITIVE TO MEDIEVAL ART. (2) I Staff
 A survey of the major art forms from primitive through ancient and medieval periods. Emphasis on the development of major styles. Required of prospective majors in art.
- Art 201, ART HISTORY SURVEY: RENAISSANCE TO MODERN ART. (2) II Staff
 Continuation of 200. A survey of major styles and of major artists from the early Renaissance to the present. Required of prospective majors in art.
- English 3, ENGLISH FOR FOREIGN STUDENTS. (0) Staff
 A course for foreign students inadequately prepared to do the work required in English 101. The course is designed to help the student achieve a basic proficiency in oral and written communication in English. Phonetics, pronunciation, reading of materials in English, frequent exercises in written composition.
- Modern Foreign Languages 266, 267, RUSSIAN CONVERSATION. (3 ea) Moore
 This course is designed to give students a fair amount of fluency in the use of the spoken language. Dictation, vocabulary building, pronunciation. Class conducted entirely in Russian. Prereq: MFL 261, 262, or permission of the instructor.
- Physics 598, 599, INTRODUCTION TO QUANTUM MECHANICS. (3 ea) DeMarcus
 An introduction to modern quantum mechanics with primary emphasis on one-dimensional problems so that fundamental ideas can be assimilated without complications of purely mathematical nature. Basic postulates; Schrodinger's wave equation and its applications. Prereq: Phys. 232, 242; Math. 431.

DROP

Art 72, INTERMEDIATE DESIGN
 Art 124, TEXTILE DESIGN

Associate Dean Wall presented a recommendation from the College of Agriculture and Home Economics for a new course which was approved.

General Agriculture 100 - Introduction to Agriculture (2) I, II
 A general analysis of the changes taking place in agriculture and their implications to a student of agriculture.

Dean Matthews presented a recommendation from the College of Law for a dropped course and for the addition of three new courses.

TO BE DROPPED:

Law 547 (187) Corporations

TO BE ADDED:

Law 536, The Federal Courts and the Federal System (3)

The nature of the federal judicial function and its development, distribution of power among federal and state courts, Supreme Court review of state court decisions, the law applied in federal district courts, federal question and diversity jurisdiction, federal habeas corpus, removal jurisdiction and procedure.

Law 547, (187), Corporations I (4)

A study of basic corporation law principles, including: organizing the corporation; defective incorporation; pre-incorporation transactions; control and management of the corporation (with emphasis on the special problems of the close corporations); the corporate entity concept; duties of directors and controlling shareholders; shareholders' derivative suits and right of inspection.

Law 548, Corporations II (3)

A study of selected problems in advanced corporation law, including: corporate promotion and capitalization (with special emphasis on senior securities and their characteristics); corporate distributions (dividends); recapitalizations (elimination of accrued dividends); public regulation of security issues (Securities Act of 1933 and state Blue Sky laws).

The question of correct course number classification was raised and after discussion Dean Matthews made the motion that these courses be approved with the understanding that they be changed to the 400 classification if, at a future date, the Graduate Council so recommends. Dr. Dawson then presented an amendment to the motion that it carry the tacit assumption that the numbers will be adjusted in an appropriate manner without having to bring it back to the University Faculty. The amendment was seconded after which the original motion with amendment was approved by the Faculty.

Dean Carpenter presented a recommendation from the College of Commerce for discontinuance of the present Commerce-Law curriculum and for the dropping of two courses which was approved by the Faculty.

The faculty of the College of Commerce recommends the following:

1. Discontinuance of the present Commerce-Law Curriculum
Students now studying in this program will be allowed to complete degrees under it, but no new students will be admitted to this curriculum after September 1, 1960. They will be advised to prepare for the Law College under another Commerce curriculum or in the combined program offered by the College of Arts and Sciences.
2. Drop Commerce 575 (175) Public Utility Accounting
3. Drop Economics 526 (126) Economics of Public Utilities

Dean Slone presented recommendations from the College of Pharmacy for a change in course number, change in title, course number and credit, and for a new course which were approved by the Faculty.

1. In the petition of December 1959 as approved, we failed to present change in course number.

PCH 33, Quantitative Pharmaceutical Analysis
to
PCH 306, Quantitative Pharmaceutical Analysis
PCH 307, Laboratory.

This is probably the last year for this course to be taught in the College of Pharmacy. We are asking incoming students to have Chemistry 226 (22) from Arts & Sciences.

2. We also failed to give change in title, course number and credit in

PH 130, Manufacturing Pharmacy, 3 hours
to
PH 370, Pharmaceutical Manufacturing, 2-5 hours.

3. Course added:

PH 395, Independent Problems in Pharmacy,
Variable credit 1-3 semester hours.

Course description: Selected problems pertaining to the various aspects of pharmacy which may include such problems as pharmaceutical procedures, pharmaceutical formulations, pharmaceutical history, and pharmaceutical economics.

Prerequisite: Permission of the instructor.

May be repeated to a maximum of six credits.

Acting Dean Dawson presented recommendations from the Graduate Council for approval for graduate credit of certain courses, approval of new strictly graduate courses, changes in credits of existing courses, and for the dropping of courses. These recommendations were approved by the Faculty.

1. Agricultural Engineering 415 - Engineering Analysis in Farm Machinery Design (4)

A study of the professional method of dealing with engineering problems and the application of this method to problems encountered in the functional, mechanical, and economic design of farm machinery. Lecture 3 hours. Laboratory: A study of farm machinery dealing with its development, design, tests, costs, selection, and utilization. Laboratory 2 hours. Prerequisites: A.M. 3, A.M. 4, A.M. 100, and Math. 105a.

2. Anthropology 510 - History of Anthropological Theory (3)

Description and analysis of significant anthropological

ideas in their historical context; the growth of the theoretical concepts in physical anthropology and ethnology. Prerequisite: Consent of instructor.

3. Commerce 540 - Advertising Management (3)
A study of advertising from the point of view of marketing and advertising executives, including problems in integrating advertising with the marketing program, utilizing research data, determining the appropriation, evaluating agencies, and planning advertising campaigns. Prerequisites: Junior standing and Commerce 262.
4. Geography 540 and 541 - Geography of Urban Areas (540) two credits with related one credit course Geography (541) Special Problems in the Geography of Urban Areas. (Total of three credits). A study of the location and growth of cities and urban communities in relation to environmental factors. Prerequisite: Geography 10 or permission of instructor.
5. Home Economics 537 - History of Furniture (3)
Furniture design from antiquity to the present, including effects upon design of social and economic conditions, and uses of historic furnishings in contemporary interiors. Lecture three hours. Prerequisite: Home Economics 330 or approval of instructor.
6. Home Economics 552 - Nursery School Organization (3)
Organization and administration, including housing equipment, program, records parents cooperation. Field trips to nursery schools. Lecture, three hours. Prerequisite: Home Economics 150.
7. Mechanical Engineering 530 - Fluid Dynamics (4)
Thermodynamics of flow of compressible fluids. Isentropic flow, diabatic flow, flow with friction, wave phenomena and experimental techniques and measurement. Prerequisites: ME 321 and ME 330.
8. Mechanical Engineering 562 - Reciprocating Engine Design (3)
A brief review of basic thermodynamics of internal combustion engine cycles and a comprehensive analysis of the construction of reciprocating engines. Calculations of physical data for given design requirements. Assembly drawings of components designed. Prerequisite: ME 560.
9. Mechanical Engineering 564 - Propulsion System Design (3)
Design of systems for aircraft or missile propulsion: centrifugal compressors; axial-flow compressors; turbine and exhaust systems; and combustion chambers. Prerequisite: 530.
10. Mechanical Engineering 590 - Elements of Aero-Space Technology (4)
Flight performance of airborne and ballistic vehicles. Space vehicle propulsion and structures. The space environment. Man in space. Prerequisites: ME 321 and ME 330.

11. Mechanical Engineering 592 - Aero-Space Component Design (3)
Preparation of a formal proposal on a given requirement in the aero-space field. Execution of the design. Testing of a prototype under proper environmental conditions. Prerequisite: ME 590.
12. Physics 589, 599 - Introduction to Quantum Mechanics (3 each)
An introduction to modern quantum mechanics with primary emphasis on one-dimensional problems so that fundamental ideas can be assimilated without complications of purely mathematical nature. Basic postulates: Schrodinger's wave equation and its applications. Prerequisites: Physics 3b; 4b; Math. 105a.
13. Sociology 546 - Social Factors in Mental Health (3)
The significance of social and cultural factors in the recognition, course and management of mental health problems, social organization of the mental hospital and cultural alternatives to hospitalization. Prerequisites: Prior course work in sociology, anthropology, or psychology, and permission of instructor.

The Graduate Council recommends approval of the following strictly graduate courses:

1. Agricultural Entomology 620 - General Acarology (4)
Introduction to study of mites. Classification, morphology physiology and ecology of mites important to the medical veterinary and agricultural fields. Lecture 2 hours; laboratory 4 hours. Prerequisite: Zoology I, Entomology I, and consent of instructor.
2. Animal Husbandry 682 - Mineral Nutrition (3)
Introduction to history, principles and present concepts of ruminant and non-ruminant mineral nutrition. Prerequisites: One course in introductory nutrition, physiology or biochemistry and consent of instructor.
3. Animal Husbandry 684 - Advanced Ruminant Nutrition (3)
Introduction of principles of ruminant metabolism in the utilization of feedstuffs for meat, milk and wool production. Prerequisite: One course in nutrition, physiology or biochemistry and consent of instructor.
4. Animal Husbandry 686 - Swine Nutrition (3)
A study of the nutritional requirements of the non-ruminant animal with special reference to swine and their various stages of growth, lactation and reproduction. An evaluation of the relative value of feed ingredients and mixed feed formulation. Prerequisites: A.H. 181 and Chemistry 130a.
5. Civil Engineering 681 - Dynamics of Structures (3)
Behavior of materials under dynamic stresses, dynamic response of multidegree of freedom - concentrated mass systems, dynamic response of distributed mass structures, design of structures for earthquake, wind, traffic and machinery loads. Prerequisites: GE 513 or permission of instructor.

6. Home Economics 775 - Seminar in Child Development (2 to 6 hrs)
Preparation and presentation of reports of current investigations in child development. Prerequisite: Graduate standing.
7. Mechanical Engineering 632 - Advanced Fluid Mechanics III (4)
Introduction to Research in Fluid Mechanics.
Laminar Motion. Turbulence. Boundary layer theory.
Free-turbulence shear flow. Magneto hydro dynamics.
Rarefied gas mechanics. Prerequisite: ME 630.
8. Mechanical Engineering 633 - Advanced Fluid Mechanics IV (4)
Conference course permitting Latitude in choice of topics. Prerequisite: ME 630.

The Graduate Council recommends the following changes in existing courses:

1. Microbiology 790 to give six semester hours credit, to be repeated for a maximum of twelve hours. It has been offered as Bacteriology 201a-j, giving five hours credit each.
2. Microbiology 795 to give six semester hours credit, to be repeated for a maximum of twenty-four hours. It has been offered as Bacteriology 201a-j, giving five hours credit each.
3. Geology 604 (old 212b) reduced in credits from four to three.

The Graduate Council recommends that the following courses be dropped:

1. Animal Industry 283 - Advanced Animal Nutrition
2. Chemistry 160a,b - Industrial Chemical Processes and Stoichiometry
3. Chemistry 164a,b - Industrial Chemical Principles
4. Education 665 (old 311a-h) - Practicum in Counseling Psychology
(dual listing with Psychology) (Drop sections e,f,g,h)
5. Education 730 (old 226a-f) - Problems of the School Curriculum
(Drop sections c,d,e,f)
6. Education 582 (old 185a-d) - Problems in Agricultural Education
(Drop sections c and d)
7. Education 675 (old 285a-d) - Modern Problems in Agricultural Education (Drop section d)
8. Education 590 (old 166a-d) - Problems in Home Economics Education
(Drop section d)
9. History 202 - Seminar in the American Revolution
10. History 206 - The Confederation of the United States
11. History 247 a-d - Seminar in Recent United States History
12. History 350a-d - Seminar in the French Revolution
13. Mathematics 251a,b - Celestial Mechanics
14. Mechanical Engineering 202b,c,d - Power Plant Engineering
15. Mechanical Engineering 203d - Heating, Ventilating and Air Conditioning
16. Mechanical Engineering 204b,c,d - Advanced Machine Design
17. Mechanical Engineering 214a,b - Special Problems in Aeronautical Engineering
18. Social Work 221 - Advanced Social Case Work

Dr. Diachun, Chairman of the Committee on Student Organizations and Social Activities, stated that in January of this year the University Faculty authorized the Faculty Committee on Student Organization and Social Activities to "act in behalf of the Faculty regarding new organizations and proposed changes in the constitution or by-laws of existing organizations." "The Committee shall make an annual report on its activities to the University Faculty at its January meeting."

Dr. Diachun reported that last week the Committee approved revisions in the Constitution and By-Laws of the Student Congress. The Committee instructed him to report now rather than in January to this Faculty that the Committee approved the Student Congress Constitution and instructed him to call special attention to Article VI and Article V, section 2. Article VI states "The President of the Student Congress and two other members approved by a majority of Student Congress members shall be representatives of the Student Congress to the University Faculty and shall have voting privileges." Article V, section 2 states "Subject to the approval of the University Faculty and upon recommendation of the Student Congress president to the faculty Committee on Committees, the Student Congress may have representatives to each of the Faculty standing and special committees."

The Committee made this report to the Faculty because it (the Committee) is uncertain about its authority in this matter. Dr. Diachun emphasized that what the Committee wishes is to make it possible for students to have more representation in this Faculty and on Faculty committees. If this requires action by the Faculty and by the Board of Trustees, then the Committee recommends that such action be taken.

After discussion the University Faculty approved a motion that copies of the entire Constitution and By-Laws of Student Congress should be circulated to the University Faculty for its consideration at least two weeks prior to the next meeting of the Faculty.

Professor Hartford presented recommendations from the College of Education for course changes, dropping of course sections and the addition of a new course. These recommendations were approved by the Faculty.

Courses to be changed:

Ed. 320 (20) Arts and Crafts in the Elementary School,
From 2 hours to 3 hours credit

The following student teaching courses are to be changed to variable credit, 3-12 hours:

Ed. 333 (133) Student Teaching in the Elementary School
Ed. 342 (142) Student Teaching in Art
Ed. 352 (152) Student Teaching for Industrial and Educational
Training Directors
Ed. 353 (153) Student Teaching in English
Ed. 354 (154) Student Teaching in Languages
Ed. 355 (155) Student Teaching in the Sciences
Ed. 356 (156) Student Teaching in Mathematics
Ed. 357 (157) Student Teaching in the Social Studies
Ed. 362 (162) Student Teaching in Home Economics
Ed. 369 (169a,b) Student Teaching in Physical Education
Ed. 377 (177a,b) Student Teaching in Music
Ed. 393 (193) Student Teaching in Business Education

Drop the following sections of courses:

*Ed. 359 (159a-c) Student Teaching in Special Education
Drop "c" section only

Ed. 423 (191a-f) Supervised Work Experience in Industry or
Business; Drop "e" and "f" sections only.

New course to be added:

*Ed. 358 Observation and Practicum in Special Education, 3 hours
credit
Basic orientation to student teaching in special education
including observation of and practical experience with
public school children who are receiving special education.
Approximately two hours lecture-discussion and two-three
hours observation and/or practicum.

*Ed. 358 is to replace Ed. 159c which is being dropped.

President Dickey spoke briefly to the Faculty of the importance of the
Constitutional Convention, urged each faculty member to familiarize himself
with the proposed constitutional changes and bring these changes before the
student groups and others with whom he would come in contact.

Faculty adjourned at 4:55 p.m.

Charles F. Elton
Charles F. Elton
Secretary