



President's Bulletin

University of Missouri

Volume 4, Number 13

April 3, 1974

TENTATIVE VERSION II

TO: THE FACULTIES OF THE UNIVERSITY OF MISSOURI
FROM: THE ACADEMIC PLANNING COUNCIL

This edition of the Bulletin contains the second discussion version of the University Academic Plan. In accordance with the schedule for preparing the Academic Plan (President's Bulletin, 25 January 1974), this second tentative version of the Plan is now generally to be discussed on each campus.

By 22 April, the comments from each campus shall have been completed and forwarded through the Chancellor to the Academic Planning Council. After studying these responses, the Academic Planning Council will prepare and send to the President its final recommendations concerning the Academic Plan. The President, with the Board of Curators, will arrange for consideration of a final proposed University Academic Plan.

Consequently, the Tentative Version II which follows is being distributed for immediate review and commentary by each campus. These discussions across the four campuses should be of great importance as the University takes another step toward completing its Academic Plan.

PHILOSOPHY STATEMENT
UNIVERSITY ACADEMIC PLAN, 1975-1985

RESPONSIBILITIES OF THE UNIVERSITY

The University of Missouri is a single, public University which offers baccalaureate, professional, and graduate degrees in nearly all academic disciplines and professional fields. In the public sector of Missouri higher education, the University is the only institution providing doctoral programs and advanced training for the professions.

The University of Missouri subscribes to the basic land-grant philosophy. Thus, it must provide excellent programs for Missouri students who have the academic ability and motivation to benefit from a university-level education, regardless of their economic status. This philosophy also makes it important that the University pursue its functions of research and extension in addition to teaching. Similarly crucial is the University's performance of many varied services for Missourians which arise from an educational need, including health care, community surveys, and advice and counseling for business and industry.

These functions constitute the designated responsibilities of the University. In carrying these forward, the University will, of course, always seek to strengthen its relationship with Missouri's other institutions of higher education, those both with public and private support.

POLICIES BASIC TO THE UNIVERSITY ACADEMIC PLAN

Only by making the four campuses a single University and by determining where and to what extent various academic programs can hereafter best be offered, will the University of Missouri continue to be a place where teaching, research, and extension can thrive.

The University will be comprehensive and each campus shall have some specific University responsibilities, especially at the advanced professional and doctoral levels. While each campus will have a range of programs, it is not intended that any will be comprehensive in scope.

Improvement in the quality of its offerings and programs is a major and continuing responsibility of the University. The excellence of the institution must be a prime consideration in all decisions.

The University of Missouri must strive to meet the expectations and needs of Missouri's citizens and of the scholarly world within budgetary realities and needs and desires of students and society. Funds, staff, and faculties must be used in the most efficient manner.

Consideration for students will have a major effect on academic decisions. Programs will be made as accessible to students as possible. The University intends to eliminate barriers that restrict the student's ability to transfer or to move from campus to campus.

Where archaic and stereotyped educational concepts exist, they must be replaced by those that are new and flexible. Fresh emphasis must be given to improving counseling and advisement, to opportunities for independent study, to availability for credit through examination, and to other means for achieving advanced placement.

The University must offer the opportunity for faculty to have a productive and personally satisfying career and to serve a variety of roles. Many different combinations of instruction, research, and extension efforts are appropriate for faculty members. The opportunity to engage in interdisciplinary programs as well as to cooperate with colleagues in other departments and other divisions on all campuses is to be encouraged.

Every effort must be made for better use of technological assistance in bridging the distance between classrooms and between campuses. The presence of specialized facilities will continue to influence the contribution expected from each campus.

The University will take into consideration the offerings of other institutions of higher education in the State and in the region as it develops its total program.

PURPOSE OF THE UNIVERSITY ACADEMIC PLAN

The University Academic Plan has been designed to foster a general understanding among students, faculty, administrators, curators, and public of the University's long-term commitments to program change and improvement during the decade 1975-85. To strengthen the University's teaching, research, extension, and service will require judicious allocation of resources, careful planning, and significant adjustments in program and campus expectations.

The University Academic Plan, subject to periodic review, determines the basis on which new resources are requested and assigned, and internal changes undertaken to release existing funds for reallocation. It is the rationale which the broad program assignments set forth in Role and Scope* are to be implemented. In short, the Plan designs the University's future changes.

Creating the University Academic Plan has been difficult and challenging. Relationships among the campuses have been scrutinized for ways of heightening cooperation and reducing duplication. As a result of extensive discussions among faculties and administrators, decisions have been reached concerning which programs to sustain at present levels, which to curtail or eliminate, and which to advance or initiate.

In preparing the University Academic Plan, careful attention has been given to the policies set forth above, to the Academic Plans of the several campuses, to the reports of the visiting discipline evaluation teams, and to the best interests of a comprehensive University which faces a decade of serious limitations. Therefore, as a statement of academic restructuring, the University Academic Plan looks toward attainment of a single University with four campuses, which can have distinction in scholarship, teaching, research, and public service.

The Plan recasts a large university founded in both the state and land-grant traditions of the nineteenth century into an institution designed for the rapidly changing society and scholarship of the late twentieth century. It is a Plan to incorporate the best of the American university of the past with the needs of the future. It is a Plan which calls for innovation in the traditional areas of university activity in keeping with a developing public concern over the future status of higher education. It is a Plan which recognizes the sharp realities of drastically limited financial resources, declining birthrate, scarce natural resources, and new relationships in the nation's social, political, and economic arenas.

GOALS OF THE CAMPUSES

This recital of University planning objectives must build upon statements included by the four campuses in their proposed Academic Plans. These statements may be summarized as follows:

The University of Missouri-Columbia has as its mission the offering of a liberal education in a variety of disciplines, vocational training to those who desire it, and advanced professional training in many vital fields. Particular attention is given to performing its land-grant university mission in research, resident, and extension instruction, and in producing information and knowledge to support these educational purposes. Enhancing its ability to perform these multiple functions are interdependent relationships between individuals, departments, and divisions.

*President's Bulletin, Feb. 2, 1974, "The University of Missouri: Its Future."

These relationships between the components give UMC university status rather than the components themselves. The relationships have generated exciting interdisciplinary developments.

UMC has two different missions: commitment to scholarship and to conservation and transmission of culture which enhances human potential, and identification with a public, land-grant university dedicated to mass education and the generation of knowledge and services useful to the legitimate concerns of society. Despite the potential conflicts between these two missions, an environment has been created which permits the accomplishment of both. Such an environment is achieved through organizational innovation which encompasses flexibility and responsiveness.

The University of Missouri-Kansas City, located in the state's second largest populated area, will consolidate its present strengths and develop those programs most appropriate to its mission as an urban university. The purposes will be achieved through quality instruction, eminence in scholarly and creative endeavors, and leadership in continuing education and public service. Its urban commitment will be directed through the continued support of liberal and professional education as well as the development and maintenance of quality programs in the health sciences, in the performing, interpretive and visual arts, and in urban studies. In emphasizing these three areas, the campus reiterates its adherence to the concept of a true university and to its need to provide a home for scholarship as a base for service.

The University of Missouri-Rolla asserts that its mission embodies these basic concepts: that the main thrust of the campus centers in engineering and science; that the campus offers the University's only programs in mines and metallurgy; that the campus arts and sciences programs complement the engineering programs as well as offer baccalaureate degrees in the arts and sciences; that students constitute a major concern in academic decisions; and that provisions be made for independent study improvements and for a variety of means of obtaining credit through examination and advanced placement. Closely related to these concepts, UMR views other factors as significant in constructing its academic plan. Among the most important of these are its responses to the energy and materials crisis, to the problem of pollution, to the rapid growth of the area between St. Louis and Springfield, to the need for traditional undergraduate and graduate programs which would meet increasing societal needs, and to the demand to integrate the knowledge and values of the social sciences and the humanities with the professional programs in engineering and science and also to provide an understanding of technology for students in non-technical programs.

The University of Missouri-St. Louis, placed in the state's most populous area, views itself as an urban public university which in a short period of time has developed academic programs that have attained regional and national recognition. The University has been limited by its very growth but plans in the years ahead to overcome the gap between resources and its charge to provide for high quality, traditional university study as well as specialized programs appropriate to its urban community. Beyond these basic concerns the campus emphasizes the obligation to serve the unmet needs of the area's population by providing new opportunities for undergraduate and graduate study. These opportunities will be provided through new undergraduate programs in such fields as the health sciences, applied technology, urban studies, humanities, social work, and computer science. Graduate education will be concentrated in high demand areas related to the University's existing strengths in its two professional schools and the natural and social sciences. Additional plans include extensive assistance to low income and minority students; adult, continuing and external degree programs; development of a humanistic and cultural learning center; generation of interdisciplinary programs; further exploitation of the varied and rich resources of the urban environment for research, internships, and enrichment of education activities; and new means for cooperation with local educational and cultural institutions and with other University campuses, both to incorporate local resources and avoid duplicating efforts.

CONTENT OF THE UNIVERSITY ACADEMIC PLAN

The University Academic Plan organizes the University's existing and projected degree programs into three parts, the details of which follow. These parts will be the guide when personnel

and budget requests and allocations are made. The Plan emphasizes the need for intercampus collaboration and general academic coordination. Assignments to the three parts of the Plan are made within the framework of "Role and Scope." It is understood that such assignments will be reviewed periodically for evidence of accomplishment and continued appropriateness. The Plan provides for a basic core of educational offerings and degree programs on each campus, while recognizing that adjustments in these assignments may be required from time to time because of changing needs and resources.

Related fundamental changes are anticipated in research and in extension as well as in the areas of university administration and development as the academic shifts take place. The changes must include termination of certain activities as well as economies of operation to provide funds for reallocation to selected existing academic programs and to the establishment of new programs.

Decisions concerning the University Academic Plan's content were based on several assumptions:

1. That for planning purposes the University must assume that in the next decade there will be continuing demand for resources to meet a variety of public needs and we must therefore anticipate that not all of the University's legitimate needs and aspirations can be met.
2. That as funds do become available through new appropriations or from internal reallocation, they will be used to support, so far as possible, programs listed in Part I of the University Academic Plan.
3. That the University must avoid every unnecessary program duplication, since funds clearly do not permit a full range of degree programs on each campus.
4. That every effort will be made to release funds through reorganization and reductions in administrative areas throughout the University. Study shall continue of university-wide activity as possible sources of funds for reallocation to campus academic programs.
5. That the University Academic Plan contains no quota for any campus. Rather, decisions on assignments among the Plan's parts are made according to perceptions about institutional needs, quality, and anticipated success. The benefit-cost indices used in creating the campus academic plans have provided highly pertinent insights as final decisions were made about each program.
6. That an important advantage soon available to students and faculty will be the university-wide Doctoral Faculty arrangement. The involvement of qualified faculty on each campus in doctoral training will permit abridgment in commitments and plans for doctoral programs. The Doctoral Faculty concept should provide the foundation for growing collaboration among kindred disciplines from the campuses.
7. That programs with low or diminishing enrollments may logically be expected to reduce program offerings.
8. That the University must seek more ways to supply program opportunities to students through cooperation with other institutions in Missouri and nearby states. The University looks with interest at the discussions now underway among MASUA institutions concerning sharing of doctoral program opportunities.

9. That the University has been obliged to put aside many academic programs which campus mission and public need clearly require. None of the four campuses can fulfill the commitments in their location and purpose, given the acute fiscal shortages which have developed in recent years.

The University Academic Plan's three parts offer no invidious distinctions among the programs so grouped. Rather, the purpose is to have degree programs which can be supported adequately by available resources. Some programs will be more dynamic than others; some will have more complex missions than others. However, all programs to be carried forward will seek excellence within the scope of their charge.

Faculty and staff in programs in all categories will be given equivalent treatment for salary adjustments. Every program will receive consideration annually for inflationary adjustments in expenses and equipment. As enrollment changes occur these will be factors influencing annual budgets for the programs in all categories. Resource utilization in every program will be reviewed annually.

The significance of quality has been stressed many times. It is important to remember that additional resources are not the only means for improving program quality.

The three parts which constitute the University Academic Plan are defined as follows:

Part I

Includes degree programs, or portions thereof, which are candidates for development.

Category A

Degree programs, or portions thereof, which are primary candidates.

Category B

Degree programs, or portions thereof, which are secondary candidates.

Part II

Includes degree programs, or portions thereof, which are to be continued at present levels.

Part III

Includes degree programs, or portions thereof, which are candidates for reduction or termination.

Category A

Degree programs, or portions thereof, which are candidates for reduction.

Category B

Degree programs, or portions thereof, which shall be terminated.

The University Academic Plan also mentions some of those programs which could not be included in the three Parts of the Plan. Such mention seeks in a small way to indicate the many other programs which the University would begin or continue if funding would allow.

As this second tentative version of the Academic Plan is discussed on the campuses, attention should be given to the merit of the "Open University" concept. The recent report of the University-Wide Task Force on the Open University deserves careful study for possible contribution to the final version of the University Academic Plan. Copies of this report are available through the Chancellors' offices.

THE UNIVERSITY ACADEMIC PLAN: DEGREE PROGRAMS*

TABLE OF CONTENTS

1. ENGINEERING AND MINES AND METALLURGY
2. PROFESSIONAL EDUCATION
3. PHYSICAL SCIENCES
4. BIOLOGICAL SCIENCES
5. MATHEMATICAL SCIENCES
6. PSYCHOLOGY
7. HEALTH PROFESSIONS
8. LEGAL EDUCATION
9. JOURNALISM, SPEECH COMMUNICATION, SPEECH AND HEARING SCIENCES, AND RADIO, TV, AND FILM
10. LIBRARY AND INFORMATIONAL SCIENCE
11. ANTHROPOLOGY, GEOGRAPHY, AND SOCIOLOGY
12. POLITICAL SCIENCE AND ECONOMICS
13. HISTORY AND PHILOSOPHY
14. MODERN LANGUAGES AND LITERATURE
15. PERFORMING AND FINE ARTS, CLASSICAL STUDIES, AND ARCHAEOLOGY
16. BUSINESS AND PUBLIC ADMINISTRATION
17. SOCIAL WORK, COMMUNITY DEVELOPMENT, AND RECREATION
18. AGRICULTURE AND FORESTRY
19. HOME ECONOMICS
20. VETERINARY MEDICINE
21. ADMINISTRATION OF JUSTICE
22. MULTIDISCIPLINARY PROGRAMS

* The University Academic Plan which is contained on the following pages uses the disciplinary organization as listed in the policy statement of February 2, 1973, "The University of Missouri: Its Future," (President's Bulletin).

The appraisals of research, extension, and administration are currently underway. It is intended that comparable definitive plans for these areas will appear when the appraisals are completed.

TENTATIVE VERSION II

1. ENGINEERING AND MINES AND METALLURGY

	UMC	UMKC	UMR	UMSL
I-A	Interdivisional programs such as bioengineering and graphics engineering with an invitation for others of this type			
I-B	B.S., M.S., Ph.D. IndE B.S. Eng. (Coop with UMKC)		*B.E. Technology *Ph.D. Eng. Mech.	
II	M.S., Ph.D. CivE, ElecE, MechE, ChemE, NuclE B.S., M.S., Ph.D. AgE M.S. SanE		B.S., M.S., Ph.D., D.E. ChemE, CivE, ElecE, MechE B.S., M.S., Ph.D., D.E. CerE, GeolE, MetE, MinE, PetE B.S., M.S., Eng. Mgmt B.S. ¹ , M.S., Ph.D., D.E. NuclE	
III-A	Traditional B.S. in CivE, ElecE, MechE, ChemE		B.S., M.S., Ph.D., D.E. AeroE M.S. Env & Plan. Eng. B.S., M.S., Eng. Mech.	
III-B	B.S. AeroE			

The arrangement outlined above for Engineering implements the plan in the President's Bulletin, "The University of Missouri: Its Future," February 2, 1973.

¹The B.S. option in NuclE has been offered within MetE. It is proposed that this option become a regular baccalaureate in NuclE.

2. PROFESSIONAL EDUCATION

	UMC	UMKC	UMR	UMSL
I-A	B.S., M.A./M.Ed., Spec., Ph.D./Ed.D. Spec. Edn.	B.A., M.A., Option: Spec. Edn.		*Ed.D.
I-B	Spec. Edn. Adm. Spec. Higher Edn. Ph.D./Ed.D. Practical Arts	B.A., M.A., Option: Early Child- hood Edn. M.A. Option: Voc. Edn; Edn. Tech. *M.Ed., *Ed.D. in all options B.A., M.A. Option: Adult Edn.		*M.Ed. (Adult Edn; Career Edn; Early Childhood; Edn. Tech.; Spec. Edn.; Speech Therapy)
II	B.S. Ed-El; B.S. Ed-Sec. B.E. Studies M.A./M.Ed., Spec. Ph.D/Ed.D Couns. & Pers. M.A./M.Ed., Spec. Ph.D/Ed.D Curriculum & Instruction Ph.D., Ed.D. Edn. Psych M.A./M.Ed., Ph.D./Ed.D. Higher Edn. M.Ed., Spec. Practical Arts	B.A./B.S. Hlth & Phys. Ed.-El B.A./B.S. Hlth & Phys. Ed-Sec. M.A. Option: El. Edn; Sec. Edn; M.A., Ph.D. Couns. & Guid.; M.A., Ph.D. Edn. Adm.; M.A. Edn. Res.; M.A. Read. Edn.; Ed. Spec. Couns. & Guid; Edn. Adm.; Curr & Inst.; Read. Edn.; Ph.D. Curr. & Inst.	B.S. Edn- Sec. (Coop with UMC)	M. Ed. (El.; Sec. Edn.; Read; Admin.; Guid.)
III-A	B.S. Curriculum & Instruction M.A./M. Ed. Edn. Psych. M.A./M. Ed., Ph.D./Ed.D. Social and Philosophic Found. Spec. Health & Phys. Edn.	B.A. Sec. Edn. B.A. Elem. Edn. Ph.D. Read. Edn.		B.S. Edn-El. Edn. B.S. Edn-Sec. Edn.
III-B				

6

3. PHYSICAL SCIENCES

	UMC	UMKC	UMR	UMSL
I-A		*M.S. Env. Geology		*B.S. Applied Science ³ *M.S. Chemistry *M.S. Physics
I-B		*M.S. Earth Science		
II	A.B., M.A. Chemistry M.S. Physical Sciences A.B./B.S., M.S. Physics A.B./B.S., M.A., Ph.D. Geology	B.A./B.S., M.A./M.S. Chem. B.A./B.S. Geology B/A./B.S., M.S. Physics	B.S., M.S. Chemistry B.S., M.S. Geol. & Geophys. B.S., M.S., Ph.D. Physics	A.B., B.S. Physics Ph.D. Chemistry ¹
III-A	Ph.D. Chemistry ¹ Ph.D. Physics	Ph.D. Chemistry ¹	Ph.D. Chemistry ¹ M.S.T. Chemistry M.S.T. Earth Science M.S.T. Physics Ph.D. Geol. & Geophys. ²	A.B./B.S. Chemistry
III-B			Ph.D. Eng. Physics ² B.S., M.S., Ph.D. Geol. ² M.S., Ph.D. Geophys. ²	

¹The Plan calls for chemistry doctoral programs of limited scope and size on the four campuses. UMSL is still developing to reach that point. In order to achieve this, UMSL will reduce emphasis on the baccalaureate in chemistry. The Doctoral Faculty Discipline Coordinating Committee will study ways to attain appropriate specialization and intercampus collaboration.

²Combination of existing program.

³The details of this program will be explored in cooperation with UMR.

4. BIOLOGICAL SCIENCES

	UMC	UMKC	UMR	UMSL
I-A				
I-B	A.B. Biological Sciences	*Ph.D. Biology	*B.S. Life Sciences	A.B. Biology
II	M.A., Ph.D. Biol. Sciences	B.A./B.S., M.A./M.S. Biol. M.S. Microbiology		M.S. Biology
III-A				
III-B				

5. MATHEMATICAL SCIENCES

II

	UMC	UMKC	UMR	UMSL
I-A				*B.S. Computer Sci. *B.S. Statistics
I-B	A.B. Math *M.S. Computer Science	*M.S. Applied Math	*Ph.D. Computer Science	* B.S. Computat. Math *M.S. Statistics *Ph.D. Math ¹
II	M.A./M.S. Math A.B. Computer Science A.B., M.A., Ph.D. Statistics	B.A./B.S., M.A./M.S. Math	B.S., M.S. Applied Math B.S., M.S. Computer Science	M.A. Math
III-A	Ph.D. Math ¹	Ph.D. Math ¹	Ph.D. Math ¹	B.A. Math
III-B	M.S.T. Math		M.S.T. Math	

¹The plan calls for mathematics doctoral programs of limited scope and size on the four campuses. The Doctoral Faculty Discipline Coordinating Committee must continue current efforts of the four departments in developing appropriate specialization and intercampus cooperation.

6. PSYCHOLOGY

	UMC	UMKC	UMR	UMSL
I-A				
I-B	A.B. Psychology			A.B. *M.A. Psychology
II	M.A./M.S., Ph.D. Psychology ¹	A.B., M.A., Ph. D. Psych. ¹ M.A. Social Psychology	A.B., B.S. Psychology	Ph.D. Psychology ¹
III-A				
III-B				

12

¹The Plan calls for psychology doctoral programs of limited scope and size on three campuses. The Doctoral Faculty Discipline Coordinating Committee must study ways to develop appropriate specialization and intercampus cooperation.

7. HEALTH PROFESSIONS

	UMC	UMKC	UMR	UMSL
I-A	B.S. Nursing	M.S.N. D.D.S.		
I-B	M.S. Public Health M.S. Nursing (Med., Surg., Psychiatric)	Diploma--Oral Surg., Orthodon. Pedodont., Periodont. *B.S. Nursing		*B.S. Nursing *B.S. Allied Health
II	M.D. Internships & Residencies Family Practice Ob-Gyn Pediatrics Internal Medicine M.A., Physiology; M.S., Ph.D. Biochemistry ¹ ; M.S. Pathology; M.S. Microbiol. (Med); Ph.D. Physiology; Ph.D. Microbiology Ph.D. Pharmacology	M.D. B.S., D. Pharmacy B.S. Dent. Hyg. Dipl. Gen'l Dent. M.S. Oral Biology M.S. Dent. Hyg. Edn. B.S. Med. Tech. Diploma -- Prosth., Oral Diag., Med. M.S., Ph.D. Pharmacy, Pharmacology, Pharm. Chem.		
III-A	M.A., Ph.D. Anatomy M.S. Pharmacology	Diploma--Endod.; Path., Radiol, Dent.		
III-B	Gen. Preventive Medicine	M.S. Dent. (all) (drop in lieu of Diploma)		

13

In the basic sciences there must be cooperation among the departments, the schools, and the campuses. There will be continuing review to ascertain the extent to which cooperation has worked in order to improve quality.

¹This program is being combined with biochemistry activity in Agriculture.

8. LEGAL EDUCATION

	UMC	UMKC	UMR	UMSL
I-A				
I-B	J.D.	J.D. LLM. Spec.		
II		LLM. Gen.		
III-A				
III-B				

14

9. JOURNALISM, SPEECH COMMUNICATION, SPEECH AND HEARING SCIENCES, AND RADIO-TV-FILM

	UMC	UMKC	UMR	UMSL
I-A	B.J. (with six options) ¹			*B.A. Speech Comm.
I-B	M.A. Journalism	*M.A. Radio-TV-Film ²		
II	Ph.D. Journalism B.A., M.A., Ph.D. Speech and Dramatic Art	B.A. Radio-TV-Film ³ B.A. Speech & Hearing Science B.A., M.A., Speech Comm.		
III-A				
III-B	Six B.J. Degrees			

¹The cooperative effort with UMSL, while not leading to a degree program, will be continued and perhaps strengthened.

²If this program is developed, it will be in cooperation with the School of Journalism at UMC.

³Further development of this program will be in cooperation with the School of Journalism at UMC.

10. LIBRARY AND INFORMATIONAL SCIENCE

	UMC	UMKC	UMR	UMSL
I-A				
I-B				
II	B.A., M.A. Library Science			
III-A				
III-B	B.S., M.A. Inform. Science			

15

11. ANTHROPOLOGY, GEOGRAPHY, AND SOCIOLOGY

	UMC	UMKC	UMR	UMSL
I-A				
I-B		*Ph.D. Sociology ¹ *M.S. Urban Geography	*B.S. Sociology	*Ph.D. Sociology ¹
II	A.B., M.A., Ph.D. Anthro. A.B., M.A. Geography A.B., M.A., Ph.D. Soc.	B.A./B.S. Geography B.A., M.A. Sociology		A.B., M.A. Sociology A.B. Anthropology
III-A				
III-B		Ph.D. Gen. Ed. (Soc. Stud.)		

¹If these doctoral programs are initiated, they will be on a cooperative basis between the urban campuses.

12. POLITICAL SCIENCE AND ECONOMICS

	UMC	UMKC	UMR	UMSL
I-A				*Ph.D. Pol. Sci. ¹ *M.S. Public Pol. Adm.
I-B				
II	A.B., M.A., Ph. D. Pol. Sci. A.B., M.A., Ph.D. Economics	B.A., M.A. Economics B.A., M.A. Pol. Sci.	B.A./B.S. Economics	A.B., M.A. Pol. Sci. B.A./B.S., M.A. Econ.
III-A				
III-B	M.S.T. Economics			

¹Activity in this area should be through collaboration with UMC.

16

13. HISTORY AND PHILOSOPHY

	UMC	UMKC	UMR	UMSL
I-A				
I-B				*Ph.D. History ¹
II	A.B., M.A., Ph.D. History A.B., M.A., Ph.D. Phil.	A.B. Philosophy A.B., M.A. History	B.A. Philosophy A.B. History	B.A. Philosophy A.B., M.A. History
III-A		M.A. Philosophy		
III-B	A.B., Ph.D. Amer. Civil.			

¹This program will be developed in cooperation with UMC.

14. MODERN LANGUAGES AND LITERATURE

	UMC	UMKC	UMR	UMSL
I-A				
I-B				M.A. English
II	B.A., M.A., Ph.D. English M.A. Classical Lang. A.B., M.A. German A.B., M.A. French A.B., M.A. Spanish A.B. Russian Ph.D. Romance Lang. ¹	B.A., M.A. English M.A. Romance Lang. B.A. French, Germ., Spanish	B.A. English	B.A. English B.A. French, Germ., Span.
III-A	A.B. Classics A.B. Italian A.B., M.A. Linguistics			
III-B				

17

¹This program is the combination of existing doctoral programs in French and Spanish.
Among the new programs which campuses believe are important to their missions but which apparently cannot now be scheduled are:
UMSL, M.A. and M.A.T. in French, Spanish, and German.

15. PERFORMING AND FINE ARTS, CLASSICAL STUDIES, AND ARCHAEOLOGY

	UMC	UMKC	UMR	UMSL
I-A		M.A., *M.F.A. Theatre		
I-B	A.B. Art History & Arch. *B.F.A., *M.F.A. Art	*B.F.A., B.A. Theatre *B.F.A. Art; B.M. Perform. M.M.E. (all); M.A. Art Hist. *M.F.A. Art *M.A. Opticn; Dance		*B.A. Art Edn. *B.A. Fine Arts
II	Ph.D. Classics & Class. Arch. B.M., M.A., M.M. Music A.B. Art M.A., Ph.D. Art Hist & Arch.	B.M.E., M.M., D.M.A. Performance; B.A. Dance; B.M. Comp. & Theory, Perf.; B.A. Music; M.M. Comp. & Theory; M.M. Hist & Lit.; M.M. Con- ducting; D.M.A. Comp. & Theory, D.M.A. Conduct. ; D.M.A. Music Edn.; A.B. Art; A.B., M.A. Studio Art; A.B. Art Edn.; B.A. Art History		B.M. Music
III-A		D.M.A. History & Lit. M.M. Church Music M.A. Music		
III-B	M.A. Art	M.M., D.M.A. Perf. Ped. D.M.A. Church Music		

Among the new programs which the campuses believe are important to their missions but which apparently cannot not be scheduled are: UMKC, D.F.A. Theatre ; Ph.D. Music Edn.; Ph.D. Musicology.

16. BUSINESS AND PUBLIC ADMINISTRATION

	UMC	UMKC	UMR	UMSL
I-A				
I-B	M.S. Pub. Admin. (Interdept)	*M. Adm. *M.S. Account. *Ph.D. Adm. Science ¹		*M.S. Bus. Adm. w/opts *M. Mgmt. Info. Systems *Ph.D. Management ¹
II	B.A./B.S. Bus. Admin. (eleven options) B.S.P.A.-Public Admin. M.B.A., Ph.D.-Bus. Adm. ¹ M.A./M.S., Ph.D. Account.	B.B.A. M.B.A. M.P.A.		M.B.A.
III-A				B.S. Bus. Adm.
III-B	B.A./B.S. (eleven degrees)			

19

¹As these doctoral programs are developed, they will be designed cooperatively to emphasize the special strengths and student demands at the several locations.

17. SOCIAL WORK, COMMUNITY DEVELOPMENT, AND RECREATION

	UMC	UMKC	UMR	UMSL
I-A				*B.S.W.
I-B	*M.S.W. ¹	*M.S.W. ¹ *M.A. Urban Planning ²		*M.S.W. ¹ *M.A. Urban Planning ²
II	B.S.W. ³ B.S., M.S. Recreation and Park Adm. M.S. Community Develop.	A.B. Urban Affairs		
III-A	Diploma - Comm. Development			
III-B	M.S. Social Work			

20

¹The three campuses must plan jointly to foster cooperation and diversity in order to meet statewide needs.

²Planning by the campuses must proceed together and foster cooperative diversity in order to meet statewide needs.

³The plan calls for administrative transfer from Arts and Science.

18. AGRICULTURE AND FORESTRY

	UMC	UMKC	UMR	UMSL
I-A				
I-B	B.S. Ag. - Pest Mgmt. B.S.F.W. - Fisheries & Wild. B.S.F. Forestry			
II	B.S., M.S., Ph.D. Biochem. ¹ B.S., M.S., Ph.D. Agr. Econ. B.S., M.S., Ph.D. Agron. B.S., M.S., Ph.D. Anim. Sci. B.S., M.S., Ph.D. Atmos. Sci. M.S., Ph.D. Entomology B.S., M.S., Ph.D. Food Sci. B.S., M.S., Ph.D. Hort. M.S. Plant Path. B.S. Ag - Voc. Agr. Edn. M.S., Ph.D. Forestry M.S., Ph.D. Fisheries & Wildlife B.S. Rural Sociology			
III-A	B.S., M.S. Ag. Mech. B.S. Ag - Gen. Ag.			
III-B	B.S. Ag - (thirteen degrees)			

21

¹This is being combined with the Biochemistry Department in the School of Medicine.

19. HOME ECONOMICS

	UMC	UMKC	UMR	UMSL
I-A				
I-B	B.S.H.E. Food & Nutrition			
II	B.S.H.E. Hous. & Inter.Des. B.S.H.E. Child & Fam.Devel. B.S.H.E. Cloth. & Textiles B.S.H.E. Fam. Econ & Mgmt. B.S.H.E. Home Econ & Comm. M.A./M.S. Home Econ (five areas of emphasis) Ph.D. Home Economics			
III-A	B.S.H.E. Gen. Home Econ.			
III-B	M.A./M.S.H.E. Comm. (combined above)			

22

20. VETERINARY MEDICINE

	UMC	UMKC	UMR	UMSL
I-A				
I-B				
II	DVM List of M.S., Ph.D. programs (ten) and Residence Programs (twelve)			
III-A				
III-B				

In the basic sciences there must be cooperation among the departments and within the campus. There will be continuing review to ascertain the extent to which cooperation has worked in order to improve quality.

21. ADMINISTRATION OF JUSTICE

	UMC	UMKC	UMR	UMSL
I-A		*B.A.		*M.S.
I-B		*M.A.		
II				B.S.
III-A				
III-B				

22. MULTIDISCIPLINARY PROGRAMS

	UMC	UMKC	UMR	UMSL
I-A				
I-B	*M.S. Community Planning	B.A. American Culture	*A.A. *B. General Studies *P.D.D.	B.G.S. (Evening)
II	B.G.S. General Studies A.B. Inter-Disc. A.B. Latin Amer. A.B. Russian A.B. South Asian Studies Ph.D. Microbiol. M.A./Ph.D. Genetics M.S./Ph.D. Nutrition Ph.D. Pathology *M.S., Ph.D. Physiology	B.A. Judaic Studies		
III-A	A.B. Microbiology			
III-B	M.S. Sanitary Science			