

Visit UMC's College of Agriculture

(A Self-guided Tour)



Getting Around Campus

1. AGRICULTURE BUILDING contains the College's administrative offices, Agricultural Experiment Station laboratories, and the Agricultural Editor's office. It also houses the departments of Entomology and Horticulture as well as the Integrated Pest Management program and the School of Forestry, Fisheries & Wildlife. The Entomology Museum's worldwide research collection numbers roughly one million insect specimens, mostly from Missouri. On the east side of the building you will find an outdoor ecological education area. Reconstruction planning for this learning garden started in May, 1978.

2. TUCKER HALL houses Biological Sciences. The greenhouses have tropical, jungle, and desert rooms, common and exotic plants, cacti and yucca, orchids, palms, and African violets. The herbarium has a worldwide collection of dried, preserved and classified plants.

3. MEMORIAL TOWER AND STUDENT UNION commemorate former students who gave their lives in World Wars I and II. The Union provides excellent dining facilities for campus visitors, meeting rooms, and many recreational programs for students and faculty. **ALUMNI LOUNGE**—Third Floor.

4. WHITTEN HALL houses the Department of Extension Education. Its Non-traditional Studies Program carries education to all parts of Missouri. It also serves as headquarters for the UMC Extension Division.

5. MUMFORD HALL houses the Departments of Agricultural Economics, Animal Science and Agronomy, and the Soil Testing Laboratory.

6. WATERS HALL houses Plant Pathology, Agronomy, Agronomy Extension.

7. LEFEVRE HALL. The corridors of Lefevre Hall contain the Glen Smart Waterfowl and Upland Gamebird Collection. Open 8-5 Monday through Friday. It also houses the Campus Computer Center.

8. STEPHENS HALL houses programs in Fisheries and Wildlife.

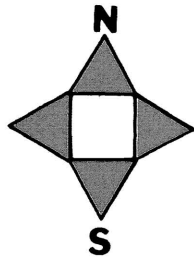
9. SCHWEITZER HALL AND NEW CHEMISTRY BUILDING, house the Biochemistry Department.

10, 11, 12. SCHLUNDT HALL, SCHLUNDT HALL ANNEX AND CHEMISTRY BUILDING. A chemistry complex that is headquarters for the Chemistry and Biochemistry Departments. The complex includes office, classroom and research facilities.

13. PHYSICS BUILDING. Atop the Physics Building is the Laws Observatory. Free astronomical film series are shown on Friday at 8 p.m. during the academic year in Room 114. Public viewing is offered May through August through a 16 telescope beginning at 8 p.m. on Friday, and from September through April at 9 p.m. on Friday, weather permitting.

14. HISTORIC SANBORN FIELD. The oldest agricultural experimental field west of the Mississippi River, Sanborn field has been in continuous operation since 1888. It was designated a national historic site in 1964. Initially, it was concerned with productivity of land using various crops and cropping systems with and without soil treatment. Management treatments are posted at each plot. The antibiotic aureomycin was isolated from a soil sample taken from plot 23. FFA's Time Capsule, here, is to be opened in 2003.

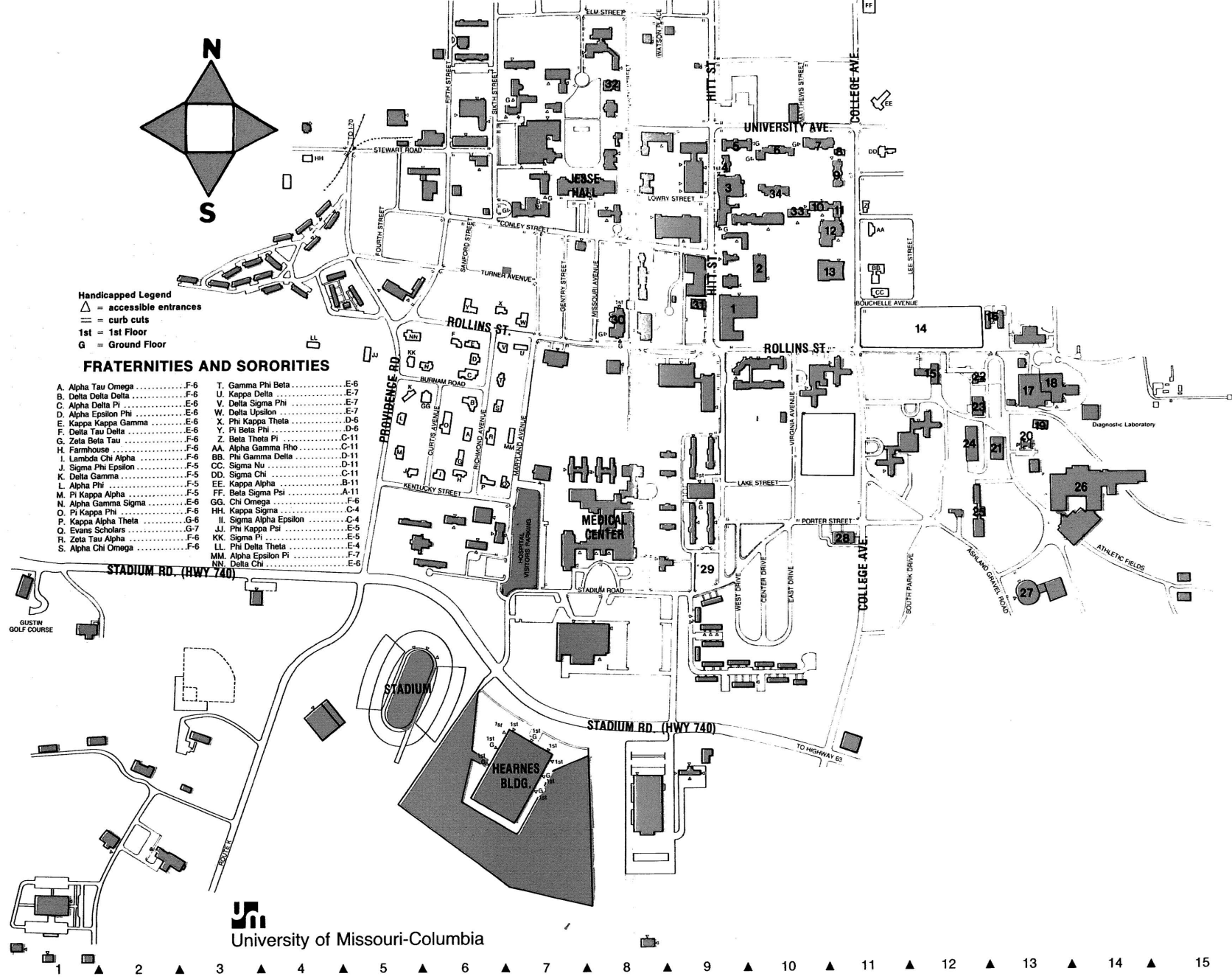
DOWNTOWN COLUMBIA



Handicapped Legend
 ▲ = accessible entrances
 = curb cuts
 1st = 1st Floor
 G = Ground Floor

FRATERNITIES AND SORORITIES

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|----------------------|-----|-------------------------|------|
| A. Alpha Tau Omega | F-6 | T. Gamma Phi Beta | E-6 |
| B. Delta Delta Delta | F-6 | U. Kappa Delta | E-7 |
| C. Alpha Delta Pi | E-6 | V. Delta Sigma Phi | E-7 |
| D. Alpha Epsilon Phi | E-6 | W. Delta Upsilon | E-7 |
| E. Kappa Kappa Gamma | E-6 | X. Phi Kappa Theta | D-6 |
| F. Delta Tau Delta | E-6 | Y. Pi Beta Phi | D-6 |
| G. Zeta Beta Tau | F-6 | Z. Beta Theta Pi | C-11 |
| H. Farmhouse | F-6 | AA. Alpha Gamma Rho | C-11 |
| I. Lambda Chi Alpha | F-6 | BB. Phi Gamma Delta | D-11 |
| J. Sigma Phi Epsilon | F-5 | CC. Sigma Nu | D-11 |
| K. Delta Gamma | F-5 | DD. Sigma Chi | C-11 |
| L. Alpha Phi | F-5 | EE. Kappa Alpha | B-11 |
| M. Pi Kappa Alpha | F-5 | FF. Beta Sigma Psi | A-11 |
| N. Alpha Gamma Sigma | E-6 | GG. Chi Omega | F-6 |
| O. Pi Kappa Phi | F-6 | HH. Kappa Sigma | C-4 |
| P. Kappa Alpha Theta | G-6 | II. Sigma Alpha Epsilon | C-4 |
| Q. Evans Scholars | G-7 | JJ. Phi Kappa Psi | E-5 |
| R. Zeta Tau Alpha | F-6 | KK. Sigma Pi | E-5 |
| S. Alpha Chi Omega | F-6 | LL. Phi Delta Theta | E-4 |
| | | MM. Alpha Epsilon Pi | F-7 |
| | | NN. Delta Chi | E-6 |



University of Missouri-Columbia

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15. **ECKLES HALL** houses the Dairy Science and the Food Science & Nutrition departments.
16. **CONNAWAY HALL** is an early home of Veterinary Sciences.
17. **VETERINARY SCIENCES BUILDING** houses the College of Veterinary Medicine, laboratories, classrooms and administrative offices.
18. **VETERINARY CLINIC**, the veterinary teaching hospital, includes treatment areas, wards, laboratories and radiology facilities for small and large animals.
19. **DAIRY ANIMAL CLIMATIC LABORATORY** housed early research on dairy animal adaptation to varying temperature and humidity.
20. **LOW LEVEL RADIATION LABORATORY**. This highly specialized facility is used for research in human health and livestock selection. A counter measures the radiation given off by potassium 40. This occurs naturally in the lean of humans and animals. This count is an indicator of the lean-to-fat ratio in the body.
- LARGE ANIMAL METABOLISM LABORATORY** includes special adaptations for research on lactating dairy cows.
21. **OLD LIVESTOCK PAVILION**. At one time the headquarters for shows and sales in Missouri, the Livestock Pavilion is now used for storage.
- 22, 23, 24. **AGRICULTURAL ENGINEERING AND LABORATORY BUILDINGS** have classrooms and labs for farm machinery, electricity, construction, and drainage and erosion control.
25. **PLANT SCIENCE GREENHOUSE** provide facilities for experimental work in horticulture, agronomy, plant pathology and forestry.
26. **ANIMAL SCIENCE RESEARCH CENTER** is a new facility for basic research in animal sciences.
27. **LIVESTOCK CENTER AND SALES ARENA**. Provides facilities for study in the animal sciences. The Livestock Center is the headquarters for many livestock association shows and sales, short courses and institutes dealing with the livestock industry.
28. **POULTRY BUILDING T-14**. Houses the Poultry Science Department.
29. **HISTORIC EROSION TEST PLOT**. Pioneer experiments on measuring run off and soil erosion were done on these plots, now listed in the national register.
30. **GENERAL CLASSROOM BUILDING** houses the Department of Agricultural Education.
31. **ATMOSPHERIC SCIENCE** houses weather monitoring equipment and department offices.
32. **SOCIOLOGY** houses the Department of Rural Sociology.
33. **CURTIS HALL** houses some of the Agronomy genetics facilities.
34. **STEWART HALL** houses the Animal Science Learning Center and the Live Reptile Museum.

FOR MORE INFORMATION, CALL 314-882-4245

FIELD DAYS and a network of county Extension specialists bring agricultural research results to Missourians.

Agricultural Experiment Stations located throughout the state also sponsor field days and maintain an "open door policy" for visitors. These "Research Centers" were set up at different locations so University of Missouri scientists could study the effects of the diversified soils and growing conditions that make up Missouri.

Besides the centers, interdisciplinary research teams, such as the Forage-Livestock Research Group, use the nuclear reactor and the whole body counter on the UMC campus to collect their data.



Before You Start

RESEARCH: The Missouri Agricultural Experiment Station, established in 1888, produces volumes of research information. That data give college students and Missouri farmers the latest in agricultural facts and recommendations.

The Experiment Station's research facilities include nearly 4,100 acres of land in the Columbia area. Besides its historic Sanborn Field, Columbia facilities include the South Farm, Agronomy Research Center, Foremost Dairy Farm, Animal Science Research Center, the Rocheford Turkey Farm, and the Horticulture Research Farm.

TEACHING: The College of Agriculture faculty stresses high quality advising and instruction. Agriculture's advisement program has an excellent reputation on the UMC campus because of each advisor's interest, commitment and dedication to each student. Careers in America's Number 1 industry encompass a broad area, ranging from production in the animal and plant sciences to marketing, distribution, processing, and utilization of food in the Food Science and Nutrition Department. Note other opportunities listed under the various subject matter areas below. Extra-curricular activities offer a means of developing leadership potential and skills and of promoting fellowship and professionalism among students and faculty.

TEACHING AREAS

Agricultural Economics/200 Mumford	Entomology/1-87 Agriculture
Agricultural Education/435 General Classroom Building	Environmental Science/100 Agric. Engineering Extension Education/103 Whitten
Agricultural Journalism/1-98 Agriculture	Food Science and Nutrition/228 Eckles
Agriculture Mechanization/100 Agricultural Engineering	General Agriculture/2-64 Agriculture
Agronomy/135 Mumford	Horticulture/1-43 Agriculture
Animal Science/125 Mumford & ASRC*	Integrated Pest Management/45 Agriculture
Atmospheric Science/701 Hitt Street	Plant Pathology/108 Waters
Biochemistry/322A Chemistry Bldg.	Poultry Science/T-14 & ASRC
Dairy Science/103 Eckles Hall	Rural Sociology/102 Sociology
	Pre-Veterinary Medicine/2-64 Agriculture

*ASRC—Animal Science Research Center

ADMINISTRATIVE OFFICES

College of Agriculture/2-69 Agriculture	Agricultural Experiment Stations/2-44 Agriculture
School of Forestry/1-30 Agriculture	Agricultural Extension/2-4 Agriculture
College of Veterinary Medicine/203 Veterinary Medicine	

EXTENSION: The University of Missouri's Extension Program brings the results of research to farmer and consumer alike. Extension has specialists officed in every county.

Research Facilities Near Columbia

