

# BULLETIN OF THE UNIVERSITY OF MISSOURI

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## ANNOUNCEMENT FOR THE SECOND SEMESTER.

January 29 to June 5, 1907

The work of the second semester begins on January 29th, 1907. At that time many new courses are taken up in the various departments, and new students may enter and find abundant opportunities for work in these courses and also in the courses continued from the first semester. Below will be found a brief account of some of the work offered in the various departments.

### **Academic Department.**

In this department courses are offered in Anatomy, Astronomy, Botany, Chemistry, Classical Archeology and History of Art, Economics, Education, Elocution, English, Freehand Drawing, Geology and Mineralogy, Germanic Languages, Greek, History, Latin, Mathematics, Philosophy, Experimental Psychology, Physical Training, Physics, Physiology, Political Science and Public Law, Romance Languages, Sociology and Zoology. In nearly all of these there are subjects that begin with the second semester. In addition many of the continuous courses are so arranged that students may take up the work of the second semester without any serious handicap. This is especially true of the work in Astronomy, Botany, Chemistry, History of Art, Economics, Education, English, Geology, History, Philosophy, Psychology, Political Science and Public Law. All courses are elective. For the A. B. degree the student must complete enough work to entitle him to a credit of one hundred and twenty (120) hours.

### **Missouri Teachers College.**

In the Teachers College practically all of the courses are arranged so that students begin work about as well in the second semester as in the first. This is true especially of the professional work proper where only graduate courses extend throughout the year. The following professional courses begin at the

opening of the second semester: History of Education, Educational Psychology, Methods in Elementary Schools, Principles of Education, School Systems, School Supervision, Practice Teaching for High School Teachers. The following courses that are not strictly professional but important for teachers are offered by the Teachers College in the second semester: History and Literature of Greece and Rome, Nature Study, Cultivated Plants, Physical Geography, Meteorology, Manual Training, and Teachers Courses in English, Foreign Languages, History, Psychology, Art, Mathematics and Science.

Besides, it is often possible for the teacher of experience to begin with a class of less mature students who have been at work for a half year and carry the work successfully to the end of the year. In this way students entering in the middle of the year may find work in Free-hand Drawing, Manual Training, Music, and many academic studies.

**Medical Department.** The regular course offered by the Medical Department requires four years for its completion. The first two years are spent in laboratory work in the fundamental sciences upon which the clinical work is based. These sciences include Chemistry, Zoology, Anatomy, Histology, Physiology, Pharmacology, Bacteriology and Pathology. These branches are in charge of specialists who give their entire time to teaching and research. The medical laboratories occupy four buildings including the new Medical laboratory building recently completed at a cost of \$40,000. Nearly all of the work of the Medical department is required work and is laid out to be followed continuously from the beginning of the session. But students who have had Anatomy, Physics or Chemistry may enter upon at least part of the work at the beginning of the second semester.

**School of Mines and Metallurgy, Rolla, Missouri.** The Missouri School of Mines and Metallurgy provides instruction in four regular courses leading to degrees, and in several special courses. The regular courses extending through four years are as follows: Mining Engineering, Civil Engineering, Chemistry and Metallurgy, General Science. In addition to these courses, a number of shorter courses are offered in Chemistry, Assaying, Surveying, and Electricity. For particulars in regard to these courses, address the Director.

**Law Department.** The Law Department opens its second semester with the other departments of the University, on January 29th, 1907. In the first year class, Real Property, Equity, Torts, Bailments and Carriers, Agency and Personal Property are begun. In the Junior class Equity and Real Property begun in the first year, are continued, and Code

Procedure, Bills and Notes and Suretyship are taken up. In the senior class Evidence, Constitutional Law, Private Corporations, Wills and Administration, and Municipal Corporations are taken up. Various elective courses are also offered.

Students who have read law under some practicing attorney or have in other ways acquainted themselves with the subjects taught in the first semester of the first year class may enter the first year class at the beginning of the second semester.

For the purpose of the State Board examination and for the benefit of the members of the senior class who intend to take that examination in June, the faculty proposes to give this class a review of all subjects of the first and second years upon which they will be examined by the State Board of Law Examiners.

**College of Agriculture and Mechanic Arts.** Students entering the School of Agriculture at the beginning of the second semester will have the opportunity to select the following subjects in the course:

Soils.—Their properties, methods of cultivation, fertilizers, etc.

Field Crops.—The history, culture, care, harvesting and storage of the common farm crops.

Animal Husbandry.—Principles of feeding, forage crops, animal breeding, etc.

Veterinary Science.—Lectures and clinics.

Livestock Judging.—Practical work in judging cattle, horses, sheep and swine.

Beef, Pork and Mutton Production.—A study of the practical methods in the management of meat-producing animals.

Elements of Dairying.—Lectures and practical exercises on the manufacture of butter and cheese, handling of milk, testing for butterfat, and like subjects.

Dairy Farming.—This course includes the selection, breeding, building up of dairy herds, and the management of dairy farms.

Small Fruits and Vegetable Gardening.—This course covers the entire range of small fruit and vegetable production both under glass and in the open field.

Landscape Gardening.—This instruction includes the principles of ornamentation of public and private grounds.

Shopwork, including both wood work and forging.

A special bulletin on the short Winter Courses (beginning January 4, 1907) in Agriculture, Dairying and Animal Husbandry will be sent upon application.

**The School of Engineering.**

The School of Engineering aims to give the student a broad technical education with special reference to the requirements of the several fields of engineering practice. Five courses of instruction are offered: (1) Civil Engineering, (2) Electrical Engineering, (3) Mechanical Engineering, (4) Chemical Engineering, (5) Sanitary Engineering. The work required in these courses is laid out to be followed continuously from the beginning of the session, but students who have already had the mathematics (Trigonometry) and drawing (Mechanical Drawing) required in the first semester of the Freshman year may without difficulty enter upon the work at the beginning of the second semester. Shopwork is also desirable but not absolutely necessary.

**The Missouri State Military School.**

Instruction in Military Science and Tactics is given by a regular army officer detailed by the Federal Government. Students may enter this department at the beginning of the second semester. Credit is given in the Academic Department for work in Military Science and Tactics on the scale of one hour's credit for three hours' work, the total credit not to exceed four hours.

**Tuition Free.**

Tuition is free in all departments. All students are required to pay a small fee for the use of the library, five dollars in all departments, except Law and Medicine, in which the charge is ten dollars. Where a student takes a course requiring laboratory work he must make a small deposit covering the cost of materials used.

**Expenses.**

Tuition and fees in some universities are greater than the entire expenses at the University of Missouri. Students who board in the dormitories spend from \$150 to \$200 a year; those in private families from \$225 to \$300. This includes expenditures for board, room, laundry, book, library fee and charges for laboratory material used.

**Summer Session.**

The Summer Session for 1907, will continue eight weeks. A large number of courses will be offered by the Academic Department and by the Teachers College. A special bulletin giving detailed information will be sent on request.

Nov. 25, 1906

R. H. JESSE, President,  
Columbia, Missouri.

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