

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 16

EAST LANSING, MICHIGAN, TUESDAY, MARCH 28, 1911.

NO. 27

CHANGES IN COURSES.

The committee having in charge the change of courses have been working upon the same for a long period of time, and have been able at last to settle the matter definitely.

The aim has been, in a general way, to reduce the number of credits per term from 25 to 20, with the idea of accomplishing two things.—first, to reduce the amount of program time required of students and, in consequence, second, to enable the student to do better work. All changes for all classes go into effect next fall term, excepting for the freshmen engineers, changes in which take effect the coming term.

The effect of these changes will be to reduce the number of subjects taken by the student at one time. In the engineering course, for example, the average number of subjects taken per week has been reduced from seven to five and six-tenths. The program hours have been reduced to about thirty, which means a reduction of five, or fifteen per cent.

Another change which is based upon the work of another committee, is the removal of solid geometry from the freshman year, and placing it in the entrance requirements.

No material changes have been made in electives, excepting as it became necessary in the rearrangement of other subjects.

In a general way the following changes are the important ones in the committee's report:

AGRICULTURAL COURSE.

In the reduction of credits in the Agricultural Course the object is not to diminish the total amount of work done, but rather to diminish the actual time spent in lecture room and laboratory, thus giving the student an opportunity to do more work personally.

For the student looking toward specialization in veterinary science, forestry, horticulture, and animal and dairy husbandry, the course is the same throughout four terms. It has been devised in order to give the student an opportunity to look into the various lines of study, thereby making a safer election with regard to his specialty. About 65 per cent. of the men who come to the institution and enter the agricultural courses change their mind before specializing. This is, of course, a very important matter, as it gives the student an opportunity to locate himself in the line of work best suited to him.

The ten credit subjects in soils, crops, animal and dairy husbandry and poultry in the senior year have been reduced to five credits each, thus permitting students to take two courses instead of one. All three subjects of some one course must be taken during the year. A second subject each term can be selected from the different departments if the student so desires.

Three electives in farm mechanics, including farm construction, engines and power machines and

farm machinery are offered to junior and senior students in agriculture, forestry and horticulture. Hitherto this work was given on technical time, and was available only to students in agriculture.

The pedagogy group offered to senior students preparing for high school teaching has been dropped, and three electives in pedagogy are now offered to juniors and seniors in the agricultural course. Several subjects which have been hitherto elective to forestry students, such as those in engineering, chemistry, botany, etc., have been made required.

The forestry department has always been granted permission to utilize the last two weeks of the term annually for visits to lumber camps, in order to study lumbering operations in a practical manner. The operation of a summer forestry school covering a period of six weeks will be continued.

The list of electives available to agricultural and forestry students remains very much the same as heretofore, with the exception of several important additions.

ENGINEERING COURSE.

The reduction in credits in the engineering course program has been effected in part as follows:

Solid geometry is advanced to the sub-freshmen year.

Modern languages and history have been eliminated from the freshman year.

Shop work requirements have been reduced from eight to six hours per week.

Descriptive geometry is consolidated in one term's work, in place of two.

Shop work for civil engineers discontinued at the end of the winter term, instead of at the end of the spring term.

The course in hydraulic motors has been dropped.

Graphics will be required in the future of civil engineers only.

The electives in the spring term, senior year, have been reduced from five to two credits.

HOME ECONOMICS.

The addition of time for technical work in the freshman and sophomore years is the most desirable object attained in the lowering of credits in the women's course.

The important changes are:

The introduction of chemistry in the freshmen year for home economics.

Botany will continue through the freshmen year and drawing through the sophomore.

Drawing is made an option against piano for the first year and English against piano the second year.

In domestic art an additional elective will be offered. This will be a course in textiles and will include the different textile fibres and weaves in linen, wool, etc., and their adulterations, as well as the general subject of weaving and basketry with selection of materials.

An additional course in H. H.

(Continued on page 4.)

THE ATHLETIC CARNIVAL.

AFTERNOON AND EVENING,
SATURDAY, APRIL 8th.

All interest at the present time centers in the big athletic carnival on April 8. The management plans a bigger and better time than ever before, and a big crowd will be needed. Last year the agricultural building furnished excellent quarters, and both lighting and seating were minor points. This year the armory will be used, and outside seven tents will be arranged in an enclosed midway, and in addition six booths will be taken up by shooting galleries, popcorn stands and the like. The bath house will be used as the museum. A dance is to be given in the armory, and here also will be found refreshment stands managed by the girls.

The foresters are to furnish a special parade attraction, consisting of forty-five horses fully equipped for the western trip. The clown band will, as usual, add to the attraction, and the regular band will furnish the music. Each society will have its own special place in the parade, and all together will furnish the best ever.

Most of the clubs will also furnish suitable attractions. The Aero club plan to have their glider ready, and will show some exceptionally good stunts.

No meals will be served in the clubs on the evening of the show, as everyone is supposed to lunch at the carnival's refreshment stands.

As stated before, the expense for tents, lighting and seating will be much greater than that of last year, and the patronage should be proportionately larger. We are sure it will be.

Everyone boost.

INTERSCHOLASTIC TROPHY.

Through the efforts of Prof. Macklin, a beautiful silver cup will be offered as an Interscholastic Trophy at the coming contest in May. The trophy comes from the T. B. Rail Company, through Mr. H. James Essex, of that firm, who is a personal friend of Prof. Macklin.

This beautiful cup stands 24 inches high on a base, and will be known as the T. B. Rail trophy. It will be given to the school scoring the greatest number of points, relay races counting, and will be held by that school for a period of one year. Should any school win this cup for three years, not necessarily consecutive, it becomes the property of that school.

This is certainly a winner and will prove a great incentive to the various schools competing. Prof. Macklin has had something of this kind in mind for a long time, and just succeeded in securing the promise of same last week while in Detroit.

'10.

J. P. Miller is manager of a fruit farm near Victor, Mont.

ALUMNI

'81.

Word has been received of the death in January last of Dr. H. L. Rosenberry at his home in Wausau, Wis. Mr. Rosenberry with his daughter, attended the reunion last June, being the only representative of his class. We are not at this time in possession of the particulars concerning his death.

'83.

A. C. Redding is consulting mining and metallurgical engineer and mining geologist located at 558 Market street, San Francisco, Cal.

'88.

After May 1 Dale A. Smith will be engaged in farming near Firesteel, S. D.

'01.

Roswell A. Whitney is manager of the Hudson branch of the Helvetia Milk Cond. Co., Hudson, Mich.

'02.

Mrs. A. H. Case (formerly Miss Avery of our department of physical culture) writes Miss Yakely concerning the proper address for the alumni catalog: "Mrs. Case's New Mexico address still holds good, though he has been stationed here (Philipsburg, Pa.) for several months reorganizing the company's coal properties. By the first of April we expect to be rather more permanently located.

'03.

Clyde A. Lilly is an electrical engineer with the General Electric Co. of Dallas, Texas. His address is 1710 S. Ervery street.

'04.

M. W. Taber is connected with the Packard Motor Car Co., of Detroit, in the capacity of assistant superintendent of the construction department. Residence address 420 Woodward ave.

'06.

F. D. Linkletter has returned from an extended trip through the west and is now at his old home in Benzonia, Mich.

'07.

Fletcher Gould is at present instructor in civil engineering at the Oregon Agricultural College, but expects to be in Michigan after June of this year.

'08.

John W. Wilber is farming near Richmond, Va. His address is R. F. D. 2.

'09.

Frank Parker is construction superintendent with Lewis & Kitchen, Chicago, Ill.

'10.

Miss Muriel Twiggs is teaching domestic science in Detroit with address at 517 Lincoln ave.

Miss Florence E. Copson is teaching domestic art and domestic science in the township high school of Geneseo, Ill.

The M. A. C. RECORD

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TUESDAY, MARCH 28, 1911.

JUST 50 years ago in April came the call to arms, and M. A. C. was not lacking when it came to sending her share of men. Practically the whole of the graduating class dropped their work at college and entered the service, as did several in later classes. The following is a list of the graduates who left college at that time, as nearly as we have been able to secure them.

Class of 1861.—Albert F. Allen, Larned V. Beebe, H. D. Benham, Gilbert A. Dickey, Charles E. Hollister, Albert N. Prentiss.

Class of 1862.—Francis Hodgman, Chas. A. Jewell, Edward M. Preston.

Class of 1868.—A. G. Gulley, Samuel M. Tracy.

Class of 1870.—Geo. A. Farr, Daniel K. Gunn.

Class of 1873.—Ransom M. Brooks.

In addition to the above, a large number of loyal boys entered the service who did not graduate, many having been killed in action or maimed for life.

What a fine thing it would be if M. A. C. could only celebrate in a fitting manner the sacrifice of these men, and on this, the 50th anniversary of the call, erect to their memory a suitable monument. What a splendid thing it would be to have a home-coming of those who survive, that we might again listen to the stories of trials and triumphs.

It's worth thinking about anyway.

THE M. U. R. has planned to "do things" during the next few months, which will affect M. A. C. very favorably. Here are some of the items of interest:

A double track from Lansing to M. A. C., the work upon which is to begin May 1st.

Through service from Lansing to Detroit, via Jackson, is to be in operation soon.

The opening of the Owosso-Lansing interurban line on May 15th is promised.

A neat little building will be erected on the west side of the loop at M. A. C. to serve as station, and will include all modern conveniences. This will be especially gratifying to students, as the building will be open at all hours of the day, and express, baggage and freight service will be furnished.

Taken altogether, these improvements look good to college people in general, and we shall all look forward with pleasure to the time when they are indeed realized.

'09.

S. S. Fisher is now with the Garford Automobile Co., Elyria, Ohio, with address at 209 Clark st.

PEACE ORATION CONTEST.

At the contest held in the chapel Thursday evening six orations were given in the following order:

"International Peace and the College Man," Robert McCarthy.

"The Greater Union," H. P. Bowles.

"What Must We Do to Have Peace," E. C. Douglas.

"The Prevention of War," K. M. Klinger.

"Peace or War," E. P. Noe.

"The Fortunes of War," T. F. Baker.

The judges for this contest were Rev. Geo. Hatfield of Lansing, Sec. Brown and Prof. Ryder. The orations were very good indeed, and the marking close. E. C. Douglas won first place, and will represent the college at Hillsdale on April 7, when the state contest takes place. K. M. Klinger was given second place.

SHOULD A STUDENT WHO IS DULL BUT INDUSTRIOUS BE PASSED?

It is quite necessary that we come to an understanding upon the question of what we consider a dull student before we discuss this question. Different authorities give various ideas upon the subject of a dull person. Some say he is slow to learn or to understand; others say that he is incapable of learning. I choose to think of the dull student as being one who falls below the average, or normal student, in mental capacity. He is capable of comprehending most subjects, but takes more time for the comprehension.

Such a student should be passed if he is industrious. Why? Because of his industriousness. A dull student who works conscientiously upon his studies cannot help but retain some knowledge. In general, the harder a student has to study in order to get a lesson, the more of the information he will retain. Brilliant students are seldom the students with the greatest reasoning powers, and history shows us that men who have played brilliant parts in the world's history have oftentimes come to rather unbrilliant ends, while the plodders have accomplished the greatest good.

I know of one instance where a dull student was passed from grade to grade, and at last graduated from high school. After graduation he entered college and spent five years doing the work of the four year course. Today he is a missionary instructor in India, and reports show that he is making good. Hard work won him his stock in trade; his very industriousness gave him his place.

Brilliant or brainy students seldom get down to facts and "dig." They do not have to, and because of this they lose the invaluable training to both will and memory that come from constant study.

Most of the courses of study in our schools have been arranged to suit the average student. The standard passing grade is not excessively high, and the exceptions made in order to pass the industrious, dull student are so very few that this standard is not lowered.

One may say that the industrious dull student should not be passed because he cannot accomplish the required amount of work in a given time. And again one may also

hold that such a student should be held back until he does accomplish the work. This may be a fair way of looking at the question, but I cannot think so. In the first place, a student who has capacity enough to be entered into an educational institution is certainly capable of development, and, in general, when a student is held back after doing his very best he becomes discouraged. Is it fair to him that he should be kept back to master details when he might develop more rapidly if given the encouragement which comes with promotion?

As Americans, we are learning to respect the man who "can do things," and he is seldom the man who is naturally bright, quick, or brainy, which you may call it. Every person has capacity far beyond his realizations. We develop our capacities when encouraged to do so. The industrious, dull student is capable of more than the text work reveals. He needs encouragement to develop; in fact, he needs the encouragement more than the average student, because without proper encouragement the dull student will become entirely discouraged.

Because it is only fair to the industriousness of the industrious, dull student that he be given a fighting chance, he should be passed. Promotion means encouragement, and encouragement leads to development.

[The affirmative side of an interesting question written as an English exercise by one of our freshmen women, and furnished through the kindness of Mr. Von Tungenlin. The negative will be published next week.—Ed.]

PENMAN.

The last meeting of the club, March 20, was among the most enjoyable held during the year. It was the first annual banquet and was in the nature of a farewell to the *Holcad* staff and also a welcome to those who assume charge next term. Five members of the International, which company publishes the student paper, were present as guests.

Following the banquet the following toasts were given—Zelin Goodell toastmaster:

The Passing—E. C. Lindemann. Mutual Benefits—B. A. Faunce. Printer's Devil—Messrs. Haight and Henderson.

The Censor—Dr. T. C. Blaisdell. The Future—G. V. Branch.

An Appreciation—K. D. Van Wagenen.

To Mr. Van Wagenen was given the task of expressing an appreciation of the work of Mr. Lindemann and the task was well performed. He spoke in glowing terms of the fine christian character of the "man of the hour," of the enthusiasm with which he has always entered into every activity, of his splendid work with the student paper, and of his most recent success as a playwright. At the close of his toast the members rose and in true Union Jack style drank to health of "Lindy."

The toastmaster then, in a few well chosen remarks, presented Mr. Lindemann with a beautiful loving cup, a gift from the Penman, as a slight token of their appreciation. The programs were folders printed in green and upon the second page was an excellent likeness of "Lindy"

with the inscription "Ich dien"—I serve.

A business meeting followed at which it was voted to elect officers to serve for one term only instead of for one year as heretofore. The following were chosen for the spring term:

Chief Penman—E. C. Lindemann.

Vice Penman—B. A. Faunce.

Secretary—H. G. Bowerfind.

Pen Holder—Zelin Goodell.

NEW MILLING MACHINE.

The new universal milling machine, which was recently purchased, has arrived and is now being placed in position in the machine shop. This machine is one of the best of its kind and a very great variety of work of an exceedingly accurate nature may be done on it.

Different members of the class in machine tool design are now designing attachments which will be used on this machine to still further add to the variety of work which may be done on it. Similar attachments are usually sold by milling machine builders as extras.

The machine will find a very important use in the making of the jigs and fixtures which have been this term and which will be hereafter designed by the students in machine design and which will be used in the making up of machine parts along lines now established in modern manufacturing plants. This machine will furthermore aid in following the policy of the department in doing away as far as possible with exercise pieces and in the making by the students of real parts of real machines in real ways. The making of such parts for actual use adds interest to the work and therefore makes the learning process more efficient.

BETTER FARMING TRAIN.

The institute train, as mentioned last week, will reach the following places on the dates given below:

GRAND TRUNK.

Wednesday, April 5. Pavilion, 8:00 a. m.; Scotts, 9:30 a. m.; Climax, 11:00 a. m.; Bellevue, 1:00 p. m.; Charlotte, 2:30 p. m.; Pottersville, 4:00 p. m.

GRAND RAPIDS & INDIANA.

Thursday, March 30. Clarion, 8:00 a. m.; Boyne Falls, 9:30 a. m.; Elmira, 11:00 a. m.; Alba, 1:00 p. m.; Mancelona, 2:30 p. m.; Kalkaska, 4:00 p. m.

Friday, March 31. South Boardman, 8:00 a. m.; Manton, 9:30 a. m.; Cadillac, 11:00 a. m.; Leroy, 1:00 p. m.; Reed City, 2:30 p. m.; Big Rapids, 4:00 p. m.

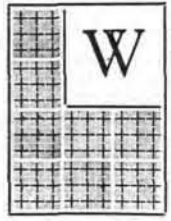
Saturday, April 1. Stanwood, 8:00 a. m.; Morley, 9:30 a. m.; Howard City, 11:00 a. m.; Sand Lake, 1:00 p. m.; Cedar Springs, 2:30 p. m.; Rockford, 4:00 p. m.

Monday, April 3. Carlisle, 8:00 a. m.; Moline, 9:30 a. m.; Wayland, 11:00 a. m.; Shelbyville, 1:00 p. m.; Plainwell, 2:30 p. m.; Coopers, 4:00 p. m.

Tuesday, April 4. Kalamazoo, 8:00 a. m.; Vicksburg, 9:30 a. m.; Mendon, 11:00 a. m.; Nottawa, 1:00 p. m.; Sturgis, 3:00 p. m.

'07-'10.

W. H. Bidwell, '07, and brother, John N., '10, are architects and builders located at 1406 N. street, Sacramento, Cal. The boys make bungalows and mission styles a specialty and report a good business.



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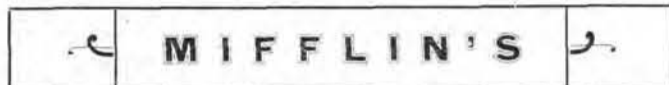
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ABOUT THE CAMPUS

Remember the May festival May 19th.

Work is moving along nicely with the junior annual. The class plan on the best ever.

A meeting of the new athletic board of control will be held in the office of the athletic director at 6:30 p. m., April 6.

Those of the base ball squad who remain at M. A. C. or Lansing during vacation will put in good time at practice each afternoon from 3:30.

The first home base ball game of the season will be on April 15th, when Olivet comes to M. A. C. for the initial game. There will be eleven home games.

Frank Campbell will assist Prof. Macklin in the athletic work during the spring term. Campbell finished his work last term, and his many friends will be glad to know that he will still be one with us.

Prof. Macklin was in Ann Arbor Saturday, where he officiated at the Cornell-Michigan dual indoor meet. Wednesday of this week he will act in like capacity in Detroit, when the D. A. C. and Y. M. C. A. decide the state championship in basketball.

The following officers of the Aureorean Literary Society have been elected for the coming term: W. W. Shanor, president; E. C. Kiefer, vice-president; E. C. Chambers, secretary; G. M. O'dell, financial secretary; D. E. Hobart, treasurer; D. P. Toland, editor; J. A. Holden, sargent at arms.

Mrs. D. M. Faunce, of Fremont, Mich., is visiting at the home of her son, ye editor.

Lieut. Holley is spending his vacation at Fort Gaines, Ga., where Mrs. Holley and little son have been for some time.

Under the direction of Prof. Macklin, ten boys are at work this week putting the field and track in shape for the spring athletics.

Prof. French spoke at a public school rally in Decatur on March 24. The school board at that place are considering the inauguration of an agricultural course.

The auditing committee of the boarding clubs has been completed, and prices are as follows: For the winter term—A, \$2.93; B, \$3.00; C, \$2.20; D, \$2.25; E, \$2.97; G, \$2.85.

Jack Knecht finished his college work last term, and, with Gail Wheeler, will take an extended auto trip over the state before settling in Minneapolis, Minn., where he will have an office. His work will be with the American Lock Co., and will have Minnesota and Wisconsin as territory.

The officers of the Ionian Literary Society for the spring term are: President, O. H. Johnson; vice president, L. W. Read; secretary, W. E. Petersen; treasurer, S. J. Filkins; reporter, F. H. McDermid; marshal, W. A. Gardner; janitor, T. H. Kay; member executive committee for one year, P. W. Mason.

Athletic Carnival, April 8th.

May Festival, Friday, May 19.

Ground has been broken for Prof. Shoemith's new house on College Heights.

The little daughter of our college barber, Andy, submitted to an operation for appendicitis on March 17, and is getting along nicely.

H. N. Hornbeck, '04, science teacher at Traverse City, and L. V. Belknap, '09, a civil engineer in Isosco county, are college visitors this week.

Prof. Edward J. Kunze of our engineering department was recently elected Fellow of the American Association for the Advancement of Science. These are elected from among the members of the society by the council of the society.

The Grand Rapids *Evening Press*, of March 23, contains an extended article on the better farming train now in operation in western Michigan. The article is headed "Teaching How to Grow Dollars." Cuts of both the dairy and poultry cars are presented.

The annual Tic-Olympic party in the Masonic temple on March 24 was a most enjoyable affair. Nearly 150 couples attended. The decorations were elaborate and beautiful. The patrons for the occasion were Dean and Mrs. Bissell, Prof. and Mrs. Vedder, Prof. and Mrs. Eustace, and Prof. and Mrs. Reed. Solomon's orchestra of Kalamazoo furnished the music.

Dr. Blaisdell reads a paper at the Schoolmasters Club, Ann Arbor, Friday of this week.

Supt. E. M. McElroy, '93, of Coldwater high school, was in Lansing on business Wednesday of last week and called on college friends.

The 17th annual meeting of the Michigan Academy of Science will be held at Ann Arbor, March 29, 30, 31, and April 1, 1911. The annual meeting of the School Masters Club will be held at the same time.

Dean I. W. Nadal, of Olivet, speaks at the Zach. Chandler Club banquet tonight. Prof. Nadal was recently appointed by Gov. Osborne as one of the members of the state board of education, which board has general supervision of all the normal schools in the state.

At the Citizens caucus held in the school house last evening, the following persons were placed in nomination for the various city offices: Mayor, Thomas Gunson; aldermen, L. F. Newell and O. J. Ayers; clerk, B. A. Faunce; treasurer, Frank Kishpaugh; supervisor, E. R. Blair.

The U. S. Civil Service Commission will hold an examination in Lansing, April 12, 1911, for the position of assistant observer U. S. Weather Bureau. Application for information in relation to the examination and for admission to same should be made to the U. S. Civil Service Commission, Washington, D. C.

CHANGES IN COURSES.

(Continued from page 1.)

art will be introduced in the senior year. This will include house decoration and color schemes for walls, draperies and furnishings.

A new course in dietetics will be offered which will occupy two lecture hours and two laboratory periods per week. Since the cookery of the sophomore year follows the chemistry of the freshmen year, it is possible to introduce more scientific work in composition and analyses.

Institutional management will also be made a prominent feature. A course in physiology will be introduced for the benefit of domestic science students.

An electric course in qualitative analysis is now open to home economic students.

In drawing, an elective has been added in the subject of applied design.

VETERINARY MEDICINE.

As the course is practically new, rather than reconstruction, beginning with the winter term, sophomore year, we have thought best to publish this course as it will be offered. Up to this point the student will have had physics, zoology, some animal husbandry, and a large amount of chemistry and English. The work in the winter term, freshman year, will include animal conformation, the exterior of the horse, and the principles of diagnosis. This training will combine to equip the student to undertake immediately the work in veterinary medicine offered at this time.

SOPHOMORE.

Winter Term.

Subject.	Cr.
Comparative Anatomy 1a	5
Comparative Anatomy 3 (Histology)	7
Bacteriology 1b (General Bact., Sanitary Science and Hygiene)	2
Pharmacology 1a (Materia Medica)	3
Surgery 1 (Dentistry)	2
Comparative Medicine 1a (Clinical Technic)	—
Proposed Course Total	20

Spring Term.

Comparative Anatomy 1b	5
Comparative Physiology 1a	5
Pharmacology 1b (Materia Medica)	2
Surgery 2 (Animal Restraint)	1
Pharmacology 2 (Pharmacy)	3
Botany 5 (Poisonous Plants)	1
Bacteriology 1c (General Bacteriology, Sanitary Science and Hygiene)	2
Comparative Medicine 1b (Clinical Technic)	1
Proposed Course Total	20

JUNIOR.

Fall Term.

Comparative Anatomy 2a	3
Surgery 3 (Shoeing and Balancing)	1
Comparative Medicine 3a	3
Comparative Medicine 2a (Clinical Diag.)	2
Comparative Physiology 1b	6
Comparative Anatomy 4 (Embryology)	3
Agriculture 2a (Breeding)	2
Proposed Course Total	20

Winter Term.

Comparative Anatomy 2b	6
Agriculture 3b (Feeding)	3
Surgery 4 (General)	6
Comparative Medicine 3b	3
Comparative Medicine 2b	2
Proposed Course Total	20

Spring Term.	
Comparative Anatomy 2c	4
Pathology 18	5
Comparative Medicine 3c	4
Comparative Medicine 2c (Clinical Diag.)	2
Bacteriology 2 (Special)	5
Proposed Course Total	20

SENIOR.

Fall Term.

Comparative Medicine 4a	3
Pathology 19	4
Pathology 20a and 20b (Parasitology)	5
Surgery 5a (Clinic)	2
Pharmacology 3a (Therapeutics)	2
Surgery 6a (Special)	4
Proposed Course Total	20

Winter Term.

Pathology 21 (Special Pathology)	2
22 (Post Mortem Exam.)	1
Hygiene 16 (Meat Hygiene)	3 1/2
17 (Milk Hygiene)	1
Surgery 7 (Soundness)	2
Agriculture 1e (Judging)	2
Surgery 5b (Clinical)	3
Comparative Medicine 4b	3
Pharmacology 3b (Therapeutics)	2
Chemistry 17 (Physiological)	1
Proposed Course Total	30

Spring Term.

Pharmacology 4 (Toxicology)	1
Comparative Medicine 4c, 5	5
Pharmacology 3c (Therapeutics)	3
Surgery 3 (Obstetrics)	4
Surgery 5c (Clinical Lab.)	2
Surgery 6b and 9 (Lameness)	5
Proposed Course Total	30

'85.

Hiram T. French, formerly professor of agriculture and director of the experiment station, University of Idaho, is now associate editor of the *Gem State Rural and Live Stock Journal*, of Caldwell, Idaho. Prof. French is also manager and part owner of the "Can-Ada" stock farm which consists of 640 acres in the Boise valley, all under irrigation. The specialties on this farm are pure bred Hampshire, Shropshire, and Lincoln sheep.

'98-'01.

G. F. Richmond is technical manager of the Tonkin Pulp and Paper Co., at Haiphong, Indo-China. Mrs. Richmond (Celia Harrison, '01) is at present in Arkansas City, Kan., and will join her husband in China in September next.

'04.

Edward Balbach is assistant engineer, Hydraulic Turbine Dept., Allis-Chalmers Co., West Allis, Wis. Residence at 551 66th Ave.

'07.

A. T. Keech, Arlington, Wash., with '07, sends in his subscription to the RECORD, and states that he is always glad to read what the boys are doing. Mr. Keech adds that himself and family are in the best of health. "We have a dandy boy 19 months old, and are paying for a home in the great northwest, the only place that I know of that I believe to be better than Michigan."

'09.

R. W. Taylor is working with three Yale men on the Sevier National Forest, estimating timber and making topographical maps. He writes that there is from three to six feet of snow, and all work is done on snow shoes. The work is the more difficult on account of the rugged condition of the country. His address is Panguitch, Nevada.

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'08.

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