

Catalogue of the students in the University of Wisconsin for the year ending June 24, 1868 and of the officers for the ensuing year: with a statement of the courses of instruction in the various depar...

Madison, Wis.: [The University] | (Atwood & Rublee), [s.d.]

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CATALOGUE

OF THE

STUDENTS

IN THE

UNIVERSITY OF WISCONSIN

FOR THE

YEAR ENDING JUNE 24, 1868;

AND OF THE

OFFICERS FOR THE ENSUING YEAR;

WITH A

STATEMENT OF THE COURSES OF INSTRUCTION IN THE VARIOUS DEPARTMENTS.

MADISON, WIS.:

ATWOOD & RUBLEE, BOOK AND JOB PRINTERS, JOURNAL BLOCK.
1868.

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ME MOTTOURISM OF THE COURSES OF INSTRUCTION IN

RE-ORGANIZATION.

CHAPTER CXIV-GENERAL LAWS OF 1866.

Section 1. The object of the University of Wisconsin shall be to provide the means of acquiring a thorough knowledge of the various branches of learning connected with the scientific, industrial and professional pursuits; and to this end it shall consist of the following colleges, to wit: 1st. The College of Arts; 2d. The College of Letters; 3d. Such professional and other colleges as from time to time may be added thereto or connected therewith.

Section 2. The College of Arts shall embrace courses of instruction in the mathematical, physical and natural sciences, with their applications to the industrial arts, such as agriculture, mechanics and engineering, mining and metallurgy, manufactures, architecture and commerce, in such branches included in the College of Letters as shall be necessary to a proper fitness of the pupils in the scientific and practical courses for their chosen pursuits, and in military tactics; and as soon as the income of the University will allow. in such order as the wants of the public shall seem to require, the said courses in the sciences and their application to the practical arts, shall be expanded into distinct colleges of the University. each with its own faculty and appropriate title.

SECTION 3. The College of Letters shall be coexistent with the College of Arts, and shall embrace a liberal course of instruction in languages, literature and philosophy. together with such courses or parts of courses in the College of Arts as the authorities of the University shall prescribe.

AMENDMENT OF 1867.

Section 4. The University shall be open to female as well as male students, under such regulations and restrictions as the Board of Regents may deem proper; and all able-bodied male students of the University, in whatever college, shall receive instruction and dicipline in military tactics, the requisite arms for which shall be furnished by the State.

Note.—Students in the College of Arts and the College of Letters are classed together in the following Catalogue.

Students not in full connection with either of these Colleges, or with the Preparatory Department, are classed as *University Students*.

BOARD OF REGENTS.

Terms expire first Monday in February, 1869.			
EDWARD SALOMON,	. Milwaukee.		
ANGUS CAMERON,			
C. S. HAMILTON,	. Fond du Lac.		
HARRISON C. HOBART,	. Milwaukee.		
N. B. VAN SLYKE,	. Madison.		
Terms expire first Monday in Febr	uary, 1870.		
H. D. BARRON,	. St. Croix Falls.		
R. B. SANDERSON,			
F. O. THORPE,	. West Bend.		
JOHN G. McMYNN,	. Racine.		
J. C. COVER,	. Lancaster.		
Terms expire first Monday in Febru	uary, 1871.		
JOHN LAWLER,	. Prairie du Chien.		
AUG. L. SMITH,			
B. R. HINKLEY,			
SAMUEL FALLOWS,			
JACOB S. BUGH,	. Wautoma.		

THOMAS S. ALLEN,

Secretary of State,

Ex-officio Secretary.

WM. E. SMITH,

State Treasurer,

Ex-officio Treasurer.

FACULTY AND INSTRUCTORS.

PAUL A. CHADBOURNE, M. D., LL. D.,
President and Professor of Mental and Moral Philosophy.

JOHN W. STERLING, LL. D., Professor of Natural Philosophy and Astronomy.

JOHN B. PARKINSON, A. M., Professor of Mathematics.

T. N. HASKELL, A. M.,
Professor of Rhetoric and English Literature.

WILLIAM F. ALLEN, A. M., Professor of Ancient Languages and History.

JOHN B. FEULING, Ph. D., Professor of Modern Languages and Comparative Philology.

Col. W. R. PEASE, U. S. Army, Professor of Military Engineering and Tactics.

W. W. DANIELS, S. B,
Professor of Agriculture.

JOHN E. DAVJES, M. D., Professor of Chemistry and Natural History.

ADDISON E. VERRILL, A. M.,
Professor of Comparative Anatomy and Entomology.

Hon. L. S. DIXON,

Chief Justice of the Supreme Court of Wisconsin, Professor of Law.

HON. ORSAMUS COLE,

Associate Justice of the Supreme Court of Wisconsin, Professor of Law.

HON. BYRON PAYNE,

Associate Justice of the Supreme Court of Wisconsin, Professor of Law.

J. H. CARPENTER, Esq.,

Dean of the Faculty and Professor of Law.

WM. F. VILAS, LL. B.,

Professor of Law.

AMOS H. THOMPSON, A. B.,

Tutor.

ISAAC S. LEAVITT, P. B.,

Instructor in English Branches.

MISS ELIZABETH EARLE,

Preceptress.

MISS CLARISSA L. WARE,

Associate Preceptress.

MISS FRANCES BROWN.

Teacher of Music.

MISS LOUISA BREWSTER,

Teacher of Drawing and Painting.

STUDENTS.

SENIORS.

Name.	Residence.
Thos. Bradford Chynoweth,	Madison.
Herbert Wm. Chynoweth,	Madison.
George W. Holland,	Mazeppa, Minn.
Isaac Stephen Leavitt,	Burns.
Morgan Johnston Smith,	Fairplay.
Frederick Stephen Stein,	West-Salem,
John G. Taylor,	Black Earth.
James Turner,	Maxville.
Charles Edward Vroman,	Madison.
JUNIORS.	
John Thomas Bradley,	Madison,
Everard Lang Cassels,	Lone Rock.
Hiram Mathew Corbett,	Mineral Point:
William C. Damon,	Burke.
Enoch Duer,	Waupun.
David Bowen Frankenburger,	Monroe.
Charles Henry Hall,	Burke'.
Osborn Howard Hoffman,	Pole Grove.
David Kirk,	Lamartine,
Fernando Jas. Knight,	Markesan.
Stephen Leahy,	Portland.
Franklin Edwin Parkinson,	Mineral Point.
Griffith Robt. Pierce,	Brownsville, Minn.
Lycurgus Jas. Rusk,	Madison,
George Sylvester,	Madison,

SOPHOMORES.

	Name	Residence.
	Robt. McKee Bashford,	Fayette.
10	Jacob Bickler,	Milwaukee.
	Arthur Henry Chetlain,	Galena, Ill.
36	Willis Frederick Cobb,	Rutland.
	Francis Downs,	Madison,
	Gottleib Engel,	Madison,
	George William Field,	Sun Prairie.
	Hezekiah Clifford French,	West Bend.
	Stephen Strong Gregory,	Madison.
	Henry Augustus Harriman,	Blooming Grove.
	George Atlee Hoff,	Sterling, Ill.
	Wm. Edwards Huntington,	Medina.
	Burr W. Jones	Evansville.
	Frank Hunter Kollock,	Montrose.
	Daniel Edward Maloney,	Madison.
	Alfred Carroll Parkinson,	Fayette.
	Henry Reid,	Jeddo.
	Augustus Marcus Rice,	Mantorville, Minn.
	Linus Bonner Sale,	Evansville.
	Rudolph Henry Schmidt,	Greenville.
	John Robt. Sheehan,	Cedarburg.
	Clark Allen Smith,	Oregon.
	Thos. Hugh Swancoat,	Genesee.
	Wm. J. Taylor,	Middleton.
	Charles Kent Tenney,	Madison.
	Lewis Reynolds Thomas,	Annaton,
	Wm. Mawbey Tomkins,	Mazomanie.
	Morton Treanore,	
	Albert Watkins,	Linden.

FRESHMEN.

Edwin Chas. Arr	nold,	Madison.
James Whitford	Bashford,	Favette.

Names.	Residence.
Henry Smith Bassett,	. Carimona, Minn.
Leonard Wright Colby,	. Freeport, Ill.
Frank Porter DeWolf,	. Madison.
John Alexander Gaynor,	. Sussex.
John Franklin Glover,	. Clarno.
Chas. Noble Gregory,	. Madison.
Adam Luchsinger,	. Sylvester.
Claude Richard Norton,	_ Madison.
Orrin Dodge Teall,	. Memphis, Mich.
Clement Harry Van Wermer,	. Burns.
Frederick Stephen Veeder,	. Wonewoc.
UNIVERSITY STUD	ENTS.
Peter Matthew Bach,	. Newburg.
Frederick Thompson Bicknell,	. Madison.
Winfield Scott Black,	. Sextonville.
Milton Borst,	. Blooming Grove.
James Albert Brooks,	. Burns.
James Bullock,	. Springfield.
Charles Henry Bunker,	. Madison.
Byron Shelley Bush,	. Madison.
William Worden Case,	
James Cass,	. Cottage Grove.
Harlan Burnett Coryell,	
Bernard William Coyle	
Lewis Deater Dalrimple,	
Otis Spencer Davison,	
John Leonidas Duer,	

John Sylvester Gallagher, Blooming Grove.

Hans Jacob Gasman, Amherst.

Joseph Gillett, Springfield.

Charles Labadre Gratiot, Shullsburg.

John William Hegerty, Madison.

Knute Helgerson, Waupun.

John Hicks, Appleton.

Name.	Residence.
Ole Holum,	Windsor.
Robert Howie,	Vienna.
James Whitford Hunnel,	Argyle.
Nels Jorgensen,	Ashland.
Allen Orvis Kendall,	Prairie du Sac.
John Henry Clay Kline,	Orangeville, Ill.
William W. Krape,	Orangeville, Ill.
James Henry Logan	Sextonville.
Henry Ludlow	Monroe.
Franklin Burr Marble,	Stoughton.
Benjamin Franklin Martin,	Annaton.
Louis Kossuth McIntyre,	Princeton.
Louis Montanye,	Madison.
Samuel Benj. Myers,	Madison.
Daniel O'Brien,	Oregon.
Ole Ostensen,	Alderly.
Boniface O'Keefe,	Sun Prairie.
William Lewis Patterson,,	North Windsor.
Freeman Raymer,	Cadez.
Henry Raymond,	Vienna.
Socrates Erastus Roberts,	Fayette
Rustan Orville Reed,	Sturgeon Bay.
Charles Henry Rogers,	Westport.
Selden E. Rood,	Bristol.
James Albert Ruby,	Mineral Point.
Charles Henry Ruby,	Blue Mounds.
Oscar Augustin Sanford,	Ashland.
Adam Clark Shadle,	Orangeville, Ill.
Stewart D. Sheldon,	Madison.
Charles Frederick Sheldon,	Madison.
William A. Spaulding,	Austin, Nevada.
Charles Augustus Stanley,	Baraboo.
Ole G. Stamn,	Primrose.
Elisha H. Tarble,	Vienna.
Egbert Martin Ten Eyck,	Brodhead.

Names.	Residence.
George Tillottson,	Madison.
Charles Lewis Turney,	Baraboo.
Herbert Marland Tusler,	Stoughton.
Daniel D. Vincent,	Windsor.
William Austin Vroman,	Stoners Prairie.
George Washington Wade,	Mineral Point.
Prescott Sargent Woodbury,	Blue Mounds.

PREPARATORY DEPARTMENT.

FIRST CLASS.

Abram Orange Armington,	Burns.
Henry James Brainerd,	Madison.
Robert Henry Brown,	Sun Prairie.
Edward C. Burke,	Monchess.
Charles Alsop Cadwell,	Orangeville, Ill.
George Dumars Cline,	Fayette.
Sidney Houghton Cole,	Madison.
Elmer Horace Craig,	Madison.
John A. Damon,	Burke.
John R. Davis,	Sun Prairie.
Henry William Deming,	Leicester.
Dorr Dunning,	Madison.
Edward Fitzgibbon,	Westport.
Dennis Grady,	Monchess.
Theophilus Levi Hacker,	Hampton, Iowa.
Charles Wesley Hanan,	Rutland.
George Patrick Harrington,	Sauk Prairie.
Joseph Hertl,	Watertown.
Benjamin Wilkins James,	Otsego.
John Cornelius Keeffe,	Jackson.
Oscar Nehemiah Kniffin,	Westport,
George Marsh,	Madison.
George Franklin Martin,	Cooksyille.
Thomas Arthur McChrystal,	Cottage Grove.

Name.	Residence.
Charles T. McElroy,	Cedarburg.
Charles Halsey Moore,	Mineral Point.
James Francis O'Brien,	Cedarburg.
John Stewart Parkinson,	Sun Prairie.
Horace Greely Parsons,	Whitewater.
Michael Pepper, jr	Cedarburg.
Henry West Persons,	Sun Prairie,
Thomas Danforth Plumb, jr	Madison.
Chester William Pool,	Elkhart.
James Quirk,	Linden.
George Washington Raymer,	Monroe.
Davies Henry Robertson,	Vienna.
William Thomas Saw,	Rutland,
George Geer Sutherland,	Syene.
Quincy Orlin Sutherland,	Syene.
Jacob S, Swartz,	Orangeville, Ill.
Fred. Van Norstrand	Madison.
Harrison Samuel Vaughn,	Johnson's Creek, N.Y.
Edward Perrin Vilas,	Madison.
William Whitham Wagdin,	. Galena.
Horace Martin Wells,	Summit.
John Wesley West,	Evansville.
John William Whalan,	Monchess.
SECOND CLASS.	
Frank Green Brown,	
James Edward Dean,	. Madison.
Charles Washington Derrickson	. Paoli.

Charles Washington Derrickson... Paoli. Joseph Francis Devlin, ... Madison. Michael Riorden Dinan ... Prairie du Chien. Hercules Louis Douseman, ... Prairie du Chien. William Roderick Fahey, ... Richfield. Lucius Manley Fay, ... Oregon. George Porter Frank, ... Madison.

Charles Spencer Fuller, Vienna.

Name.	Residence.
Joseph Hartman Gould,	Stoughton.
George Henry Gratiot,	Shullsburg.
George Merit Illingworth,	Montrose.
William Azro Lyman,	Bloomington.
Herbert Howard Mills,	Madison.
Frank Peter Monfort,	Kilbourne City.
Daniel Turney Newton,	Middleton.
Charles Winter Robbins,	Madison.
Byron French Scott,	Chippewa City.
Ira Booth Smith,	Madison.
Roger Coit Spooner,	Madison.
Herbert Sylvester,	Madison.
Orvey James Taylor,	Middleton.
Joseph Gilbert Thorp e,	Madison.
Leroy Ira Walbridge,	
Charles Emerson Woodruff,	Chippewa Falls.
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THIRD CLASS.

Edgar Orrin Bacon,	Monticello.
Christopher E. Bellew,	Cederburg.
Frederick Earll Briggs,	Madison.
W. Nelson Carter,	Reedstown.
Alvin Hiram Chamberlain,	Windsor.
John Andrew Coldwell,	Hartland.
Charles Wesley Coleman,	Verona.
James Cotter,	Saukville.
Jacob Hazel Culver,	Sheboygan Falls.
Albert Ferdinand Dexter,	Madison.
Errick Farnes	Windsor,
Charles Ford Harding,	Springfield.
Edward E. Heg,	Blue Mounds.
Samuel Higham,	Fitchburg.
Charles Hoyt,	Memphis Tenn.
Harry Reynolds Hobbins,	Madison,
Harmon Hoover,	Blooming Grove.

Name	Residence.
Charles Carroll Hunt,	Rutland.
Charles Tsaacs,	Perry,
Eugene Isham,	Blue Mounds.
Walter Reed Jewett,	Madison.
James Edwin Lawrence,	Windsor,
James Lester,	Vienna.
Ole E. Lewis,	Primrose,
Peter Andrews Linde,	North Windsor.
Henry James Maltby,	Galena Ill.,
Osceola William Martin,	Springfield.
Eran Faulkes Morgan,	Porter.
George Milem,	Montrose.
James Moroney, jr,	Richland Center.
Joseph Allois Munich,	Hartford.
John K. Olson,	Perry.
Frank Hamilton Parkhurst,	Montrose.
George William Parkhurst,	Montrose.
Darius Tenant Phillips,	Burke.
Marcus de Lafayette Porter,	Windsor.
Lawrence Reynolds,	Burke.
Reynolds Ainsworth Rogers,	Markesan.
Errick E. Savre,	Vermont.
Joseph Charles Schantz,	Addison.
Edwin William Sargeant,	Oregon.
Lewis Newton Spencer,	Evansville.
Frank Taylor,	Galena, Ill.
Abram Kelley Thompson,	Sun Prairie.
George Edward Thompson,	North Leeds.
Robert Whitten Towne,	Leicester,
John Wesley True,	Fitchburg.
Jay Van Arnam,	Cottage Grove.
John Vernon,	Middleton.
James La Grange Worthington,	Madison.
John William Wright,	Springdale.

UNIVERSITY OF WISCONSIN.

COLLEGE OF ARTS.

ORGANIZATION.

The College of Arts is organized under the following section of the General Laws of 1866, Chap. CXIV:

Section 2. The College of Arts shall embrace courses—instruction in the mathematical, physical and natural sciences, with their applications to the industrial arts, such as agriculture, mechanics and engineering, mining and metallurgy, manufactures, architecture and commerce, in such branches included in the College of Letters as shall be necessary to a proper fitness of the pupils in the scientific and practical courses for their chosen pursuits, and in military tacics; and as soon as the income of the University will allow, in such order as the wants of the public shall seem to require, the said courses in the sciences and their application to the practical arts, shall be expanded into distinct colleges of the University, each with its own faculty and appriate title.

The plain object of this section is to provide, not only for a general scientific education, but also such a range of studies in the applications of science as to meet the wants of those who desire to fit themselves for agricultural, mechanical, commercial, or strictly scientific pursuits. The course of study is such as to provide for a sound education in the elements of science, and at the same time to give great freedom in the selection of studies according to the choice of the individual student. As higher demands are made they will be met by adding to the list of elective studies, and by the enlargement of the Faculty of Arts, so as to form distinct colleges, as provided for in the act of reorganization.

The Departments of Agriculture and Engineering are both branches of this College.

FACULTY.

PAUL A. CHADBOURNE, M. D., LL. D., President and Professor of Mental and Moral Philosophy.

JOHN W. STERLING, LL. D., Professor of Natural Philosophy and Astronomy.

T. N. HASKELL, A. M.,
Professor of Rhetoric and English Literature.

JOHN B. PARKINSON, A. M., Professor of Mathematics.

JOHN B, FEULING, PH. D., Professor of Modern Languages and Comparative Philology.

> JOHN E. DAVIES, M. D., Professor of Chemistry and Natural History.

W. W. DANIELS, B. S., Professor of Agriculture.

ADDISON E. VERRILL, A. M.,
Professor of Comparative Anatomy and Entomology.

AMOS H. THOMPSON, A. B.,

TERMS OF ADMISSION.

Candidates for admission to the College of Arts are examined in English Grammar, Geography, in Mental and Written Arithmetic, in Plane and Solid Geometry, and in Algebra to Quadratic Equations.

Candidates for advanced standing must, in addition to the studies named above, pass examination in those previously pursued by the class which they propose to enter, or in those equivalent to them.

Applicants for admission from other colleges must present certificates of honorable dismission.

No one can be admitted to this college under the age of sixteen years, nor to an advanced standing without a proportional increase of age.

The stated time for examination of candidates is the first day of each term.

The University is open to students from other States.

COURSE OF INSTRUCTION.

FIRST YEAR.

FIRST TERM.

MATHEMATICS..... Higher Algebra—Loomis.

GERMAN..... Otto's Conversation Grammar.

NATURAL HISTORY .. Botany.

HISTORY..... Roman Empire—Student's Gibbon.

ELECTIVE STUDIES.. Practical Botany and Agriculture, French and Latin.

SECOND TERM.

MATHEMATICS..... Algebra completed—Loomis.

Conic Sections

German..... Otto's Conversation Grammar.

HISTORY..... Mediæval—Student's Gibbon.

ELECTIVE STUDIES.. History of useful Plants, Physical Geography, Climatology, French and Latin.

THIRD TERM.

MATHEMATICS..... Plane Trigonometry, Mensuration, Surveying

and Navigation-Loomis.

GERMAN Select Prose and Poetry.

NATURAL HISTORY.. Botanical Analysis-Gray's Manual.

HISTORY..... Modern-Student's France.

ELECTIVE STUDIES. . Horticulture, French, Latin.

Themes and Declamations weekly during the year.

SECOND YEAR.

FIRST TERM.

MATHEMATICS Spherical Trigonometry-Loomis.

Analytical Geometry-Loomis.

RHETORIC Day.

CHEMISTRY Youmans.

NATURAL HISTORY. Mineralogy-Dana.

HUMAN ANATOMY ... Lectures.

ELECTIVE STUDIES.. Laboratory Practice, Qualitative Analysis,

Blowpipe Analysis.

SECOND TERM.

Physics..... Snell's Olmsted begun-Lectures.

CIVIL POLITY Political Economy—Perry.

CHEMISTRY Organic and applied.

NATURAL HISTORY. . Zoology begun-Agassiz.

HISTORY United States--Eliot.

ELECTIVE STUDIES.. Laboratory Practice, Quantitative Analysis.

THIRD TERM.

Physics..... Snell's Olmsted completed-Lectures.

CIVIL POLITY... . . International Law, Constitution of the United

States.

NATURAL HISTORY .. Zoology completed.

General Physiology.

HISTORY England-Student's Hume.

ELECTIVE STUDIES.. Differential and Integral Calculus, Natural History of Domestic Animals, Entomology.

Themes and Declamations weekly during the year.

THIRD YEAR.

FIRST TERM.

ASTRONOMY Snell's Olmsted.

MENTAL PHILOSOPHY Haven.

Eng. LITERATURE... Shaw begun.

RHETORIC Bascom.
Aesthetics Bascom.

ELECTIVE STUDIES. . Examination of Soils-Forestry.

SECOND TERM.

LOGIC...... Whately.
MORAL PHILOSOPHY. Hopkins.

ENG. LITERATURE... Shaw completed.

NATURAL HISTORY., Geology and Mining.

ELECTIVE STUDIES.. Modern Languages, Chemical Analysis, Determinative Mineralogy.

THIRD TERM.

NATURAL THEOLOGY. Chadbourne.

EVIDENCES Hopkins--Lectures.

HISTORY Guizot's History of Civilization.

General Review.

ELECTIVE STUDIES. . Reviews.

Critical Essays, Declamations, and Forensic Disputations, weekly during the year.

COLLEGE OF ARTS.

DEPARTMENT

OF

ENGINEERING & MILITARY TACTICS.

FACULTY.

PAUL A. CHADBOURNE, M. D., LL. D., President.

Col. W. R. PEASE, U. S. Army, Professor of Engineering and Military Tactics.

RULES AND REGULATIONS

FOR THE GOVERNMENT OF THE DEPARTMENT OF

ENGINEERING AND MILITARY TACTICS

IN THE UNIVERSITY OF WISCONSIN.

ARTICLE I.

ORGANIZATION.

I. All male Students of the University shall be organized into a Battalion of two or more companies, under the command of the Professor of Engineering and Military Tactics.

II. Each company shall be designated by a letter of the alphabet and officered by one Captain, one Lieutenant, three Sergeants and four Corporals.

III. The number of officers and non-commissioned officers, as provided for in the preceding paragraph, may be increased, as, in the judgment of the President of the University, and of the Professor of Military Tactics, the wants of the Battalion may require.

IV. There shall be appointed, two Lieutenants; one to perform the duties of Adjutant, the other to act as Quartermaster of the Battalion. These officers shall constitute the Commissioned Staff of the Battalion.

V. There shall be appointed two Sergeants; one of them to be designated Sergeant Major, the other Quartermaster Sergeant.

These Sergeants will constitute the non-commissioned Staff of the Battalion.

ARTICLE II.

APPOINTMENT OF OFFICERS AND NON-COMMISSIONED OFFICERS.

I. The commissioned officers shall be selected from the Senior Class, excepting the commissioned staff, which may be selected from the battalion at large.

II. The Sergeants shall be selected from the Juniors, and the Corporals from the Sophomores.

III. If it shall happen that either of the classes, by reason of its small number, cannot furnish its quota of Officers or non-commissioned Officers, then the complement may be reduced, or, the number made up by appointments from such classes as the President of the University, and the Professor of Military Tactics may designate.

IV. Appointments made under the authority of the preceding paragraph, shall be regarded as acting appointments, but the appointees while thus acting, shall wear the uniform, and be entitled to the rank and privileges pertaining to the office.

V. All appointments shall be made by the President of the University in consultation with the Professor of Military Tactics and his Assistants. Each Officer and non-commissioned Officer shall be furnished with a warrant showing his grade and date of appointment.

ARTICLE III.

LENGTH OF TERM OF SERVICE OF THE OFFICERS AND NON-COMMISSIONED OFFICERS.

I. The appointments will be so regulated that during the first half of the Collegiate year, each Student of the Senior class, who may be competent, and whose military deportment may have been commendatory, shall be appointed to an office pertaining to his class.

In other words the principle of rotation in office will govern in the selection of officers during the first half of the Collegiate year, but the appointments for the remaining part of the year will be regarded as permanent, subject however to be revoked in any case, for incompetency, insubordination, neglect of duty, or other unmilitary or improper conduct.

II. The permanent appointments will be made from among those Students found to be most meritorious in their mil-

itary studies, exercises and deportment.

III. Paragraph I of this Article, shall not apply in the cases of the Adjutant and Quartermaster, but these officers shall be retained in office during the pleasure of the Professor of Military Tactics.

ARTICLE IV.

UNIFORM.

I. There shall be adopted a uniform dress, to consist of a frock coat, pantaloons and forage cap.

II. Coat. The coat shall be a single breasted frock of dark blue cloth; one row of nine buttons on the breast; narrow turn over collar of dark blue velvet; three small buttons on each cuff; two large buttons at the top of the pockets in the skirt, two at the bottom, and one midway between the top and bottom button on each pocket.

III Pantaloons. The pantaloons to be of the same material and color as the coat, and made up plain with no trimmings.

IV. Cap. The forage cap to be of the same material and color as the coat, of the army pattern with a gold wreath eninclosing the letters . The wreath to be worked on black velvet, and the letters embroidered in silver.

V. Buttons. The button for coat and cap to be of the same pattern as that of the general staff corps of the U. S. Army, with the addition of the letters W. W. stamped upon it over the eagle.

VI. Shoulder Straps. The commissioned officers shall wear shoulder straps to indicate their rank. The strap to be of the same style as that worn by officers of the staff corps of the U. S. Army.

VII. Chevrons. All non-commissioned officers shall wear upon each sleeve of the coat, above the elbow, a chevron indicating their rank. The chevron shall be of the same style as that worn by the non-commissioned officers of the U.S. army, the bars of the chevron to be made of gold lace.

VIII. Sash. The sash for commissioned officers to be of crimson silk; for non-commissioned staff, and first sergeants of companies, crimson worsted.

IX. Sword-belt. The sword-belt will be of the same pattern as that adopted in the United States Army for like grades.

ARTICLE V.

MILITARY EXERCISES.

I. There shall be a drill, in some one of the different arms of the service, at least three times each week when the weather permits.

II. Drills. The drills shall comprise practical instruction in the Schools of the Soldier, Company and Battalion, Field Artillery and Dismounted Cavalry.

III. Dress Parades. There shall be an evening Dress Parade of the Battallion at such times as may be deemed necessary for instruction and exercise.

IV. Undress Parades. Parades, without arms, shall be made at such times as may be found necessary.

V. Guard Mounting. The ceremony of mounting and turning off guards will occur as often as may be deemed necessary for instruction. Students will be instructed in the duties of, Officer of the Day, Officer of the Guard and Sentinel.

VI. Practical instruction in the Field, in laying out and constructing Field Fortifications and other military works, will be given the class pursuing the study of Military Engineering.

ARTICLE VI.

COURSE OF STUDY AND MILITARY EXERCISES.

I. The Course of Study will comprise Civil and Military Engineering, Infantry, Cavalry, Field, Garrison and Siege Artillery Tactics, Advanced Guard and Out Post &c., Ordnance and Gunnery, Military Law and Practice of Courts Martial, and Army regulations.

II.—Seniors.

FIRST TERM.

Civil and Military Engineering, Practical instruction in the Schools of the soldier, Company and Battalion, and Field Artillery.

SECOND TERM.

Civil and Military Engineering.

THIRD TERM.

Civil and Military Engineering, Review of Studies of preceding terms.

Practical instruction in the Schools of the Soldier, Company and Battalion, and Dismounted Cavalry.

III.—Juniors.

FIRST TERM.

Infantry Tactics.

Practical instruction in the Schools of the Soldier, Company and Battalion, and Field Artillery.

SECOND TERM.

Cavalry, Field, Garrison and Siege Artillery Tactics, Ordnance and Gunnery.

Practical instruction in the School of the Soldier.

THIRD TERM.

Military Law and Practice of Courts Martial and Army Regulations.

Practical instruction in the Schools of the Soldier, Company, Battalion and Dismounted Cavalry.

IV.—Sophomores.

FIRST TERM.

Practical instruction in the Schools of the Soldier, Company and Battalion.

SECOND TERM.

Practial instruction in the Schools of the Soldier.

THIRD TERM.

Practical instruction in the Schools of the Soldier, Company and Battalion, and Dismounted Cavalry.

V.—Freshmen.

FIRST TERM.

Practical instruction in the Schools of the Soldier, Company and Battalion.

SECOND TERM.

Practical instruction in the Schools of the Soldier.

THIRD TERM.

Practical instruction in the Schools of the Soldier, Company and Battalion.

VI. No Student will receive instruction in any part of the theoretical course of this Department, who does not receive practical instruction in Military Tactics, and only such Students as are proficient in the higher mathematics will receive instruction in Civil Engineering.

VII. All University Students, may pursue the course of Military Study, under the restrictions of the preceding paragraph.

ARTICLE VII.

CODE OF DISCIPLINE.

- I. All male Students of the University, except such as are disqualified by physical infirmity, or otherwise excused, will be required to attend all Military Exercises, for purposes of instruction in the drills of the several Arms of the Service.
- II. Students will be required to be present, and to answer to their names at all stated roll-calls.
- III. No Student will be permitted to absent himself from any recitation, or from any Military duty whatever, unless excused by proper authority.
- IV. Responsibility for Arms, &c. Each Student will be held to a strict responsibility for the proper care of the Arms and other property which may be issued to him, and any willful neglect of, or injury to, or loss of any article, will not only subject him to the payment of the value of the article thus injured or lost, but will also subject him to such other penalty as the offense may warrant, and the Faculty prescribe.
- V. All students of the University, except such as enter for one or two terms only, and such as may be exempted from military duty by reason of permanent physical disability, will be required to procure the prescribed uniform dress, and to wear it on all occasions, when on military duty, or reciting in the Military Department.

ARTICLE VIII.

MERIT ROLL.

I. The Professor of Engineering and Military Tactics, a shall keep daily notes of the progress of each student in his military studies.

At the close of each term, rolls will be made, and the names of students entered thereon, in the order of their merit, which will be determined by the aggregate mark of each during the term.

At the close of the Collegiate year, similar rolls will be prepared, in which the names of students of each class will appear in the order of merit in their studies and military deportment.

II. The Merit Roll of each class will be published in the annual Catalogue.

ARTICLE IX.

BOARD OF EXAMINERS.

A Board of Examiners, to consist of the President of the University, the Professor of Engineering and Military Tactics and such Assistants as may be employed in this Department, shall convene at the close of each term for the purpose of determining the merit of each student in the studies he may have pursued during the term.

ARTICLE X.

DIPLOMA.

At the close of the Collegiate year, a Diploma, signed by the members of the Board of Examiners, shall be given to each student who shall have passed a satisfactory examination in the course of study pertaining to this Department.

ARTICLE XI.

TEXT BOOKS.

The following are the text books in use in this department viz:

Mahan's Civil Engineering

' Field Fortification.

"Advanced Guards and Out Post, &c.

Benit's Mil. Law and Practice of Courts Martial. Benton's Ordnance and Gunnery,

Upton's Infantry Tactics.

U. States Tactics for Field, Garrison and Siege Artillery and Cavalry.

United States Army Regulations.

ARTICLE XII.

ARMS AND EQUIPMENTS.

The Rifles, Carbines, Field Artillery and equipments pertaining thereto, and non-commissioned Officers, swords and belts, are the property of the State of Wisconsin.

ARTICLE XIII.

MISCELLANEOUS.

- I. The Professor of engineering and Military Tactics will adopt such additional rules and regulations, as in his judgment, may be necessary to enforce the requirements and prohibitions of the Code of Discipline, and to perfect the system contemplated in the foregoing Articles.
- II. The Course of Study in this Department, under the restrictions of paragraph VI. Article VI. shall be elective.
- III. The Board of Regents at its Annual Session will forward to the Governor of the State the names of five Graduates in this Department, standing first on the list according to merit in their studies and Military deportment, who shall be recommended to the war Department as proper persons to receive the appointment of Second Lieutenants in the Regular Army.

 ${\tt Note}.{\tt —Students}$ are requested not to make any expenditures for Uniforms until notified by the President of the University.

COLLEGE OF ARTS.

DEPARTMENT OF AGRICULTURE.

FACULTY.

PAUL A. CHADBOURNE, M. D., LL. D. President.

W. W. DANIELS, S. B. Professor of Agriculture.

JOHN E. DAVIES, M. D., Professor of Chemistry and Natural History.

ADDISON E VERRILL, A. M. Professor of Comparative Anataomy and Entomology.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM.

Botany.—Structural Botany, including microscopic examination of tissues and other minute structures. Physiological Botany, including the germination and growth of plants. Systematic Botany, or classification of plants, including a discussion of the general principles of classification in the different departments of Natural History. The limitations of species and origin of varieties, with exercises in Botanical analysis.

SECOND TERM.

- Practical Agriculture.—Location of farm, Division into fields.

 Arrangement and planning of farm buildings, Farm implements. General principles of tillage. Principles of drainage.

 Laying out and construction of drains. Methods of seeding, Harvesting of crops.
- Physical Geography and Climatology.—Dews, Frost, Fog, Clouds, Rain, Hail, Snows, Winds and local causes affecting climate, as proximity to mountain chains, to forests, or to bodies of water. Effect produced by the removal of forests, or by planting screens of timber. Meterological instruments; their methods of use and advantages to the agriculturist.

THIRD TERM.

Practical Botany.—Botanical characteristics and geographical distribution of the natural orders, with their relative importance. The Genera and species having agricultural value, those having commercial or medical value, those having ornamental value, and those which are noxious or detrimental—as weeds or poisonous plants.

3

HORTICULTURE.—Hot-beds; their construction and use. Methods of propagation of plants by layers, by cuttings, by budding, by grafting, &c. Transplanting. Varieties of small fruits, and best means of cultivating them. General management of nurseries. Production of new varieties. Landscape gardening.

SECOND YEAR.

FIRST TERM.

Chemical affinity and the laws of chemical combination. The Elements, their history, properties, combinations and uses.

Applications of Chemistry to the arts and manufactures. Laboratory practice will be begun, as soon as the student has become sufficiently advanced, taking up the special reactions of the elements, and the laws of chemical decomposition and precipitation.

SECOND TERM.

- Zoology.—Principles of classification. Descriptive Zoology, comprising the systematic arrangement of animals in accordance with their natural affinities, into classes, orders, families &c. Natural History of Domestic Animals.
- Organic Chemistry.—Composition of organic bodies, and their special characteristics. Chemistry of germination, of nutrition, of vegetable growth, of decomposition, of fermentation, of saponification.
- Analytical Chemistry.—Including general analysis, analysis of minerals, Blowpipe analysis, analysis of soils, manures and ashes of plants. Volumetric analysis and its applications to acidimetry and alkalimetry.

THIRD TERM.

- PRACTICAL AGRICULTURE.—General principles of farm economy.

 Manures, animal, vegetable and mineral, their management and mode of application. Preparation of the soil for particular crops. Cultivation of crops. Management of grass lands. Improvement of soils by physical means, as Draining, Subsoiling &c. Conducting experiments. Industrial Statistics.
- Zoology.—General Physiology, Comparative Anatomy, and Embryology. Entomology, including classification of insects. Habits of noxious species and best means of checking their ravages. Habits of beneficial species.

THIRD YEAR.

FIRST TERM.

- Forestry.—Planting and management of Forest Trees. Soils adapted to their growth. Value of different kinds of trees for fuel, building and other purposes.
- Geology.—Dynamical and descriptive. Origin of soils. Building Materials. Coal and Metals.

SECOND TERM.

AGRICULTURAL CHEMISTRY.—Composition of soils. The relations of air and moisture to vegetable growth. Connection of light, heat and electricity with growth of plants. Chemical changes attending vegetable growth. Chemistry of the various processes of the farm, as plowing, fallowing, draining, &c. Preparation, preservation and composting of manures Artificial manures. Methods of improving soils by chemical means, by mineral manures, by vegetable manures, by animal manures. Chemical composition of the various crops. Chemistry of the dairy.

THIRD TERM.

Animal Husbander.—Breeds of domestic animals, their characteristics, and adaptation to particular purposes. Principles of stock breeding. Veterinary surgery and medicine.

HISTORY OF AGRICULTURAL EDUCATION.

Note.—It will be noticed that the same branch some times occurs in different parts of the course. In some cases this has been found necessary, in properly arranging the studies into terms. This necessity arises from the different ways the same subject will be discussed, these different methods belonging to different departments of instruction, some of them adapted to students in the earlier, and others to those in the later part of the course.

SPECIAL INFORMATION.

1st. It is the design of the University to give in this department, to the graduates of colleges, and to others of proper age and acquirements, a thorough course of instruction directly pertaining to Agriculture, which will enable them to conduct the operations of a farm both intelligently and profitably.

This course is so arranged that the instruction in the class room can be completed in a single year, by students already well acquainted with the physical sciences, while an opportunity will be given to those who desire it, for extended laboratory practice, for a higher course in Botany, and for instruction in conducting experiments in Agriculture and Horticulture, thus making a full three years course of study.

2d. To give a wide range of optional studies in connection with the department of Philosophy, so as to secure a three years' course of instruction, that will combine thorough mental discipline with theoretical and practical knowledge of the relation of science to Agriculture.

With these ends in view, the studies have been so arranged that a student may devote his entire time to Agricultural studies, or he may take one study from this course, and such studies from the Department of Philosophy as he is able to pursue.

He can graduate when he has completed a course equivalent to that in the Department of Philosophy.

Students in this, as in all other Departments of the University, can enter at any time on examination, can pursue such studies as they choose, and receive a certificate of attendance.

Special attention is called to the following characteristics of the course:

BOTANY.—Besides a thorough course in Structural, Physiological, and Systematic Botany, that will familiarize the student with the characteristics of the Natural orders, and their relations to each other, the course in Practical Botany will teach him the habits, extent, and relative importance of those species that are of practical interest.

PRACTICAL AGRICULTURE.—In this branch of instruction, it is the design to give a thorough discussion of the most approved methods of conducting the practical operations of the farm, to give the results of well tried experiments, and the principles to be deduced from them, and to show how experiments must be conducted to make them of practical value.

To aid this department, the University farm will be used, as rapidly as it can be brought into suitable condition, for the conducting of experiments in Agriculture and Horticulture.

Physical Geography and Climatology. Besides the general principles of Physical Geography, and the laws of the formation and deposition of dews, frosts &c., instruction will be given in the changes of climate produced by man, in building levees, in draining wet districts, and in the removal or planting of forests.

IN HORTICULTURE, instruction will be given in forcing plants by artificial heat, in the various methods of artificial propagation, in the economic value of small fruits and the most approved methods of producing them, and in the general principles of laying out and beautifying ornamental grounds.

By vote of the Regents, five acres of the farm have been set apart for the use of the Wisconsin State Horticultural Society. The University will thus have the aid of the best practical talent in the State, in illustrating the methods of fruit culture. CHEMISTRY. By reference to the course, it will be seen that as soon as the student has been made thoroughly acquainted with the elements, and the general principles of chemical affinity and combination, instruction will be given him in the laboratory, where he will with his own hands, apply the tests required to determine the composition and properties of bodies, and thus become practically familiar with the methods used in chemical investigations. It is intended to make this course sufficiently thorough to fit him to enter upon a higher course of quantitative chemical analysis, should he desire it.

It will also be noticed that Organic Chemistry is taught with

particular reference to its economic applications.

In Agricultural Chemistry proper, the course is sufficiently extended to give the student a thorough knowledge of the relations of Chemistry to Agriculture, and its application to the various operations of the farm.

ZOOLOGY. The entire course in this science is given with particular reference to the demands of the farmer. And in addition to the principles of classification and history of domestic animals, it is believed that the course in Entomology will prove of great value—teaching, as it does, the habits of injurious species, and the means of destroying them or of preventing their depredations.

FORESTRY. The instruction in Forestry will include the best methods of cultivating forest trees and the relative value of different varieties of trees for timber, for fuel, or for screens to modify the effect of severe winter winds.

INDUSTRIAL STATISTICS. Under this head it is proposed to give an account of the industrial productions of the country and their relative commercial value.

HISTORY OF AGRICULTURAL EDUCATION will consist of a brief account of the efforts that have been made in this and

other countries, to advance the interests of agriculture, by the direct applications of science.

In addition to the studies on agriculture, courses of lectures will yearly be given by the President, the resident Scientific Professors, and by Professors and lecturers from abroad who have made a special study of the various subjects relating to agriculture. By the employment of non-resident lecturers, the University will have the benefit of the scientific knowledge and practical skill of gentlemen in this and other States whose services as permanent professors could not be secured.

In the present state of Agricultural education, any course of study must be regarded as an experiment. An institution, or any department of instruction in it, must be studied and modified until it meets the wants of the people. Their wants will be learned by the demands the students make for instruction, when different courses of study are presented for their acceptance.

The foregoing course of study is believed to be one that will, in the main, meet the requirements of the agriculturalists of the state, embracing as it does, either as a distinct agricultural course, or in connection with the department of Philosophy a full educational course, such as those Agricultural Colleges that have been most successful have adopted after years of experience.

The land given by congress has been located, and when sold, will afford abundandant means for carrying on this department in the most liberal manner. In the mean time every effort will be made with the means now at the command of the University, to meet the wants of all students who resent themselves, as well as the reasonable demands of the people.

UNIVERSITY OF WISCONSIN. COLLEGE OF LETTERS.

FACULTY.

PAUL A. CHADBOURNE, M. D., LL, D. President and Professor of Mental and Moral Philosophy.

JOHN W. STERLING, LL. D., Professor of Natural Philosophy and Astronomy.

JOHN E. DAVIES, M. D., Professor of Chemistry and Natural History.

T. N. HASKELL, A. M.,
Professor of Rhetoric and English Literature.

WILLIAM F. ALLEN, A. M., Professor of Ancient Languages and History.

JOHN B. FEULING, Ph. D.,
Professor of Modern Languages and Comparative Philology.

JOHN B. PARKINSON, A. M., Professor of Mathematics.

AMOS H. THOMPSON,

TERMS OF ADMISSION.

Candidates for admission to the Freshman Class are examined in Geography, Arithmetic and Algebra to Quadratic Equations; in English, Latin and Greek Grammar; in Cæsar, Virgil, Cicero's Orations and in three books of Xenophon's Anabasis. Students must show sufficient thoroughness in these studies to make it apparent that they can successfully pursue all the studies of Freshman year.

Candidates for advanced standing must, in addition to the studies named above, pass examination in those previously pursued by the class which they propose to enter, or in those equivalent to them.

Applicants for admission from other colleges must present certificates of honorable dismission.

No one can be admitted to the Freshman Class under the age of fifteen years, nor to an advanced standing without a proportional increase of age.

The stated time for examination of candidates is the first day of each term.

The University is open to students from other States.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

MATHEMATICS Geometery begun—Loomis.

LATIN..... Livy-Lincoln.

GREEK...... Xenophon's Anabasis—Boise. French...... Otto's Conversation Grammar.

LECTURES Laws of Health and Methods of Study.

SECOND TERM.

Mathematics Geometry continued,

LATIN..... Cicero de Senectute and de Amicitia, Greek..... Xenophon's Memorabilia—Robbins.

FRENCH.... Otto's Conversation Grammar,

HISTORY..... Greece—Smith.

THIRD TERM.

MATHEMATICS Geometry completed.

LATIN..... Horace—Odes.

GREEK...... Memorabilia continued.
FRENCH...... Select Prose and Poetry.

ANTIQUITIES..... Greek and Roman.

HISTORY..... Rome-Liddell or Smith.

Themes and Declamations during the year. Latin and Greek Composition through the year.

SOPHOMORE YEAR.

FIRST TERM.

MATHEMATICS Higher Algebra—Loomis.

LATIN..... Horace—Satires.

GREEK..... Homer—Iliad.

GERMAN..... Otto's Conversation Grammar.

NATURAL HISTORY .. Botany.

HISTORY..... Roman Empire—Student's Gibbon.

SECOND TERM.

MATHEMATICS..... Algebra completed-Loomis.

Conic Sections.

LATIN..... Horace—Epistles.

THIRD TERM.

MATHEMATICS..... Plane Trigonometry, Mensuration, Surveying

and Navigation-Loomis.

LATIN..... Tacitus—Histories. Tyler

GREEK..... Demosthenes—Olynthiacs and Philippiecs.

Champlion.

GERMAN..... Select Prose and Poetry.

NATURAL HISTORY.. Botanical Analysis. Gray's Manual.

HISTORY..... Modern-Student's France.

Themes and declamations weekly during the year. Latin composition through the year.

JUNIOR YEAR.

FIRST TERM.

RHETORIC.. Day.

MATHEMATICS..... Spherical Trigonometry-Loomis.

Analytical Geometry.

CHEMISTRY..... Youman's and Lectures.

NATURAL HISTORY .. Mineralogy-Dana.

HUMAN ANATOMY ... Lectures.

SECOND TERM.

Physics..... Snell's Olmsted begun, with Lectures.

CIVIL POLITY, Political Economy-Perry.

CHEMISTRY..... Organic and Applied.

NATURAL HISTORY. . Zoology begun-Agassiz.

HISTORY..... England-Students Hume.

THIRD TERM.

Physics..... Snell's Olmsted completed, with Lectures.

CIVIL POLITY..... International Law, Constitution of U. States.

NATURAL HISTORY.. Zoology completed.

General Physiology.

HISTORY..... United States-Eliot.

ELECTIVE..... Calculus.

Themes and Declamations weekly during the year.

SENIOR YEAR.

FIRST TERM.

ASTRONOMY..... Snell's Olmsted.

MENTAL PHILOSOPHY Haven.

Eng. LITERATURE.. Shaw begun.

RHETORIC Bascom.

AESTHETICS Bascom.

SECOND TERM.

Logic...., Whately.

MORAL PHILOSOPHY. Hopkins.

ENG. LITERATURE... Shaw completed.

NAT. HISTORY Geology and Mining.

THIRD TERM.

NATURAL THEOLOGY. Chadbourne.

EVIDENCES Hopkins-Lectures.

HISTORY..... Guizot's History of Civilization.

General Review.

Critical Essays, Declamations, and Disputations weekly during the year.

PREPARATORY DEPARTMENT.

INSTRUCTORS.

PAUL A. CHADBOURNE M. D., LL. D. President.

JOHN B. PARKINSON A. M. Principal and Professor of Mathematics.

AMOS H. THOMPSON, A. B. Instructor in Ancient Languages and English Branches.

ISAAC S. LEAVITT, P. B. Instructor in English Branches.

TERMS OF ADMISSION.

The full course of study in the Preparatory Department embraces three years. One New Class will be formed at the beginning of each Collegiate Year. Those seeking admission to the department must enter, on strict examination, one of these classes.

No one will be admitted to the lowest class under twelver years of age; for advanced standing there must be a corresponding increase of age.

Candidates must also be well prepared, by common school training, to enter upon the following course of study.

COURSE OF STUDY.

FIRST YEAR.

English Grammar.
Arithmetic.
Geography.
Latin Lessons.
Latin Grammar and Reader.

SECOND YEAR.

Arithmetic.
Algebra,
English Composition.
Physical Geography.
Cæsar and Cicero.
Harkness' First Greek Book.

THIRD YEAR.

Algebra.
Geometry.
General Review of English Studies.
Ovid and Virgil—Hanson's Selections,
Xenophon's Anabasis.
Arnold's Latin Prose Composition.
Goodrich's History, United States.

Exercises in Reading, Declamations, Written Translations and Compositions through the course.

Those preparing for the course in the College of Arts may omit the Ancient Languages, and complete the course in a single year, if able to do so.

SPECIAL INFORMATION.

The object of this Department is to prepare young men for the regular classes in the University. It is not designed to do the work of common schools. Students from other departments are admitted to its classes under such conditions as the Faculty may prescribe. Each member of the Faculty has a general direction of the studies pertaining to his department and renders such assistance as may be required.

A commodious room his been fitted up for the department, and all students connected with it, unless expressly excused, study in this room during school hours.

LAW DEPARTMENT.

FACULTY.

PAUL A. CHADBOURNE, LL. D.,

President.

Hon. L. S. DIXON,

Chief Justice of the Supreme Court of Wisconsin, Professor.

Hon. ORSAMUS COLE,

Associate Justice of the Supreme Court of Wisconsin, Professor and Lecturer on Domestic Relations.

HON. BYRON PAINE,

Associate Justice of the Supreme Court of Wisconsin, Professor and Lecturer on Practice.

J. H. CARPENTER, Esq.,

Dean of the Faculty,

Professor and Instructor on Contracts, Criminal Law, Personal and Real Property, Wills and Equity Jurisprudence.

WM. F. VILAS, LL. B.,

Professor and Instructor in Evidences and Pleading.

TERMS OF ADMISSION.

Students will be admitted at any time; but those who are not Collegiate graduates must be 20 years of age to enter this Department.

No examination for admission is required.

Credentials of good moral character must be furnished.

Tuition \$20 for the first term, and \$15 for each subsequent term, to be paid in advance.

COURSE OF STUDY.

FIRST TERM.

Reeves' Domestic Relations.

Parsons on Contracts.

Bishop on Criminal Law.

Story on Bailments.

Edwards on Bills and Notes.

Williams on Personal Property,

Greenleaf on Evidence.

SECOND TERM.

Greenleaf on Evidence.
Angell & Ames on Corporations.
Story on Agency.
Parsons on Partnership.
Parsons on Mercantile Law.
Chitty on Pleading.

THIRD TERM.

Chitty on Pleading.
Washburn on Real Property.
Redfield's Edition of Story's Equity Jurisprudence.
Story's Equity Pleadings.
American Leading Cases.
Story's Constitutional Law.
Story's Conflict of Laws.

SPECIAL INFORMATION.

The design of this Department is to give a course of instruction that shall prepare the students to enter creditably upon the practice of the profession.

The course is completed in one year, and students will be graduated who have attended the full year upon passing the requisite examination.

Students who are here the final term of the year may be graduated if they have pursued a course of study elsewhere equivalent to that required here.

Moot courts will be held once a week for the argument of cases previously designated. One of the Professors will preside, assisted by two students as side judges. The side judges will be required to give written opinions in the case, and will be changed every week and be succeeded by the senior counsel in the case last argued. Two students will be appointed to act as counsel upon each side.

The School Terms in the Law Department are the same as those in the other departments.

PAST GRADUATE COURS E.

Bachelors of Arts, Science and Philosophy, will be admitted to the University as candidates for the degree of Doctor of Philosophy. They must devote two years to study under the direction of the President and Faculty, and pass a satisfactory examination before the Board of Examiners appointed by the Regents.

The studies are optional; but they must be selected from at least two sections, and the studies in some one section must be continued during the whole course.

Students who have successfully pursued this course for one year, on satisfactory examination, are entitled to the Master's Degree.

COURSE OF INSTRUCTION.

SECTION I. NATURAL HISTORY.

Botany.
Mineralogy.
Geology.
Mining.

II. CHEMISTRY.

Chemical Philosophy and Physics. Qualitative and Quantitative Analysis. Applied Chemistry.

III. MATHEMATICS AND PHYSICS.

Pure Mathematics.

Mechanics and Physics.

Astronomy.

Engineering.

IV. PHILOSOPHY AND HISTORY.

History and International Law.
Psychology and History of Philosophy.
History and Criticism of Eng. Literature.

V. PHILOLOGY.

Latin and Greek Languages and Literatures. Comparative Philology, Modern European Languages,

The object of this course is to secure a higher grade of scholarship in Literature and Science than it seems possible to attain in the present state of our Colleges, under the ordinary class system.

Those who enter upon it will receive all needed counsel and instruction; but they will be encouraged to pursue their studies as specialties, not limited as to time or interfered with by other duties, as in the College course.

UNIVERSITY OF WISCONSIN.

FEMALE COLLEGE.

FACULTY.

PAUL A. CHADBOURNE, M. D., LL. D.,
President.

T. N. HASKELL, A. M., Professor of Rhetoric and English Literature.

MISS ELIZABETH EARLE,
Preceptress.

MISS CLARISSA L. WARE,
Associate Preceptress.

MISS FRANCES BROWN,
Teacher of Music.

MISS ELIZA BREWSTER,
Teacher of Drawing and Painting.

STUDENTS.

SENIOR CLASS.

	Names.	Residence.
Miss	Clara D. Bewick,	Windsor.
1	Nellie L. Chynoweth,	Madison.
	Annie Hayden	Evansville, Indiana.
	Emma McManus,	Syene.
	Julia E. Pierce,	Spring Valley.
	Lizzie S. Spencer,	Evansville.
	Clara Tullis,	Madison.
	Hattie E. Willis,	Clinton.
	MIDDLE CLASS	
	MIDDLE CLASS	· Intelligible about
Miss	Carrie E. Adams,	Door Creek.
	Josie Bell,	Cottage Grove.
	Alice E. Bowen,	Beloit.
	Mary A. Brown,	Cottage Grove.
	Ida A. Brown	Cottage Grove.
	Alethe C. Church,	Madison.
	Julia L. Cook,	Avon, N. Y.
	Grace De Wolf,	Madison.
	Nettie F. Gorum,	Madison.
	Cora W. Gregory,	Madison.
	Mary E. Hall,	Burke.
	Olive L. Hoyt,	Madison.
	Helen E. Jones,	Madison.
	Annie W. Lester,	Madison.
	Alice A. Mears,	Madison.
	Genevive Mills,	Blooming Grove.
	Jane E. Nagle,	
	Helen V. Noble,	

	Names.	Residence.
Miss	Laura A. Newton,	Oregon.
	Adele M. Ovorton,	Harvey.
	Julia K. Proudfit,	Madison.
	Nellie M. Stone,	Fort Atkinson.
	Ella U. Turner,	Madison.
	Josie Vroman,	Madison.
	Millie Williams,	Madison.
	Lizzie Ward,	Madison.
	and the internal control of the cont	
	JUNIOR CLASS.	
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Miss	Clara A. Allen,	Black Earth.
	Fannie E. Allen,	Madison.
	Mary B. Anderson,	Pine Bluff.
	Loraine Bement,	Fitchburg.
	Sarah E. Bement,	Fitchburg.
	Lottie A. Blanchard,	Oregon.
	Ella A. Brainerd,,	Madison.
	Mary R. Brightman,	Mt. Sterling.
		Blooming Grove.
	Addie Brown,	Oregon.
	Aga Carpenter,	Milford.
	Carrie Carpenter,	Milford.
	Ida S. Carpenter,	Windsor.
	Mary S. Carpenter,	Windsor.
	Mahitabel Casselman,	Middleton.
	Ida J. Church,	Madison.
		Paoli.
	Edith W. Conover,	Madison.
	Ella L. Cook,	Avon, N. Y.
	Ella S. Coyle,	Cottage Grove.
	Nettie L. Crane,	
	Laurena Crawford,	Madison.
	Jennie De Forest	Madison.

Lucretia De Voe, McFarland.

	Names.	Residence.
Miss	Clara S. Drake,	Madison.
	Flora Eastman,	Madison.
	Alice Ellis,	Westport.
	Della O. Faye,	Oregon.
	Annie Findlay,	Madison.
	Frances Flick,	Verona.
	Sarah Flick,	Verona.
	Adah B. Foresman,	Madison.
	Sarah Fuller,	Madison.
	Mattie L. Goodwin,	Middleton.
	Catherine Griffiths,	Oregon,
	Mary A. Grinnell,	
	Emma L. Hammond,	
	Joanna C. Hammond,	
Mrs.	Angelina D. Harrington,	St. Albans, Vt.
Miss	Lucia M. Harris,	Cottage Grove.
	Clara M. Heeney,	Black Earth.
	Annie Heron,	
	Lizzie Hiestand,	
	Sarah A. Hill,	Blue Mounds.
	Louise Houston,	Kenosha.
	Lucy J. Howe,	Utica.
	Grace I. Jack,	Madison.
	Calla Johnson,	Stockholm.
	Charlotte A. Keenan,	McFarland.
	Emma A. Kellogg,	Madison.
	Ruth E, Kellogg,	Madison.
	Anna Kisselburg,	Madison.
	Ellen Kollock,	Belleville.
	Jennie Kollock,	Belleville.
	Isabella Lamont,	Verona.
	Irene Larkin,	Madison,
	Jennie Laurie	Madison,
	Annie Lee,	Evansville.
	Jennie Lee,	Evansville,

Names.	Residence.
Miss Ida Leitch,	Madison.
Ellen Lester,	Leicester.
Ella F. Litch,	Oregon.
Emma Lufkin,	Waukegan.
Annie M. Martin,	Blue Mounds.
Emma M. Martin,	Springfield.
Maria Maroney,	Richland Centre.
Mary McCristal,	Cottage Grove.
Maggie McCristal,	Cottage Grove.
Elisa Milem,	Paoli.
Etta Morey,	Madison.
Ellen J. Mors,	Sun Prairie.
Retta A. Orton,	Madison.
Jennie R. Perkins,	Madison.
Edna E. Phillips,	Sun Prairie.
Charlotte Plackett,	Leicester.
Mattie L. Poland,	Madison.
Kathleen E. Reynolds	Madison.
Ida M. Richards,	Castle Rock.
Lois Robbins,	. Madison.
Elisa A. Rouley,	Middleton.
Loretta A. Rouley,	Middleton.
Annie L. Shipman,	. Madison.
Elvira L. Smith,	Fort Atkinson.
Flora E. Smith,	Oregon.
Ida F. Smith,	Madison.
Alice Squire,	Oregon.
Clara S. Stevens,	Fitchburg.
Jane Lynon	Fitchburg.
Kate E. Ten Eyck	Brodhead.
Ida F. Tenney,	. Madison,
Eva E. Tower,	. Towerville.
Sarah J. Towne,	. Leicester.
Kittie Turner,	. Madison.
Mary Tuttle,	. Rockford, Mich.

Names.	Residence.
Miss Mattie M. Veeder,	Woodland.
Mary Wrebb,	Belleville,
Lucy M. Webster,	Oregon.
Alice Welsh,	
Ella Wheeler,	Leicester.
Mary Wheeler,	Me Farland.
Victoria Wheeler,	Mc Farland.
Lizzie White,	Retreat.
Ella Whitney	Middleton,
Sarah Wier,	Burke.
Hattie E. Woodbury	Blue Mounds.
Millie Wyman,	Madison.

TERMS OF ADMISSION.

Young Ladies desiring to enter upon the first year of the following course of instruction must pass a satisfactory examination in the Outlines of Geography, Elements of English Grammar, and in Arithmetic to Proportion.

Those applying for advanced standing must pass examination in all the studies to which the class which they propose to enter have attended, or others equivalent to them.

Ladies may be admitted to this department and allowed to select any three studies of the term which they are qualified to pursue; but no extra classes will be formed except in elective studies.

COURSE OF STUDY.

FIRST YEAR.

FIRST TERM.

Higher Arithmetic—Mental and Written. Grammar—Verbal and Sentential Analysis. Geography and Map Drawing. General Exercises.

SECOND TERM.

Arithmetic completed, Grammar—Verbal and Sentential Analysis. Geography and Map Drawing. General Exercises.

THIRD TERM.

Elementary Algebra begun.
Physical Geography.
History United States.
General Exercises.
Reviews.

SECOND YEAR.

FIRST TERM.

Elementary Alegebra completed. Analysis. Botany. History,

ELECTIVE-French or Latin.

SECOND TERM.

Plane Geometry.
Physiology.
History.
General Exercises.

ELECTIVE-French or Latin.

THIRD TERM.

Solid Geometry and Plane Trigonometry.
Rhetoric.
History.
Botanical Analysis.
Reviews.

ELECTIVE-French or Latin.

THIRD YEAR.

FIRST TERM.

Higher Algebra. Criticism and Eng. Literature. Zoology. General Exercises

ELECTIVE—Latin or German.

SECOND TERM.

Higher Algebra completed.
English Literature.
Constitution and Science of Government.
Political Economy.

Elective-Latin or German.

THIRD TERM.

Natural Philosophy.
Mental Philosopy.
Evidences.
Reviews.

Elective-Latin or German.

FOURTH YEAR.

FIRST TERM.

Spherical Trigonometry. Chemistry. Moral Philosophy.

SECOND TERM.

Astronomy. Geology. Moral Philosophy.

THIRD TERM.

Aesthetics.
Natural Theology.
Essays and Reviews.

SPECIAL INFORMATION.

The object of this college is to furnish a thorough education for ladies. It now embraces a four year's course in Language Literature and Science.

In addition to this prescribed course, young ladies will be instructed in any optional study taught in the College of Letters or Arts for which they are prepared. They may also attend all University lectures. Instruction in this department will be given by the different professors of the University whenever their services are required.

Those who complete the prescribed course of study are entitled to diplomas of graduation under seal of the University.

Students who do not desire to graduate may enter at any time, and pursue any study of the term for which they may be prepared.

ACCOMMODATIONS.

For the present the South College Building will be occupied by the members of this college, and will be under the immediate charge of the Preceptress, who, with her associate teachers, will reside in the building.

This edifice has rooms for the accommodation of about eighty ladies. Besides these private rooms, there are others for the use of pupils in Music, Painting and Drawing; also a commodious and well furnished hall for the use of the Castalian Society, organized by the ladies of the college.

BOARDING.

Board will be furnished in the building for \$3 per week, and furniture can be rented for one dollar per term.

Rooms will be rented in the building to ladies desiring to board themselves. They will be under the same regulations as those who board with the teachers.

SUMMARY.

Students in College Classes	66
University Students	64
Students in Preparatory Department	124
Students in Normal Department	140
Total 2	3:4

GENERAL INFORMATION.

COMMERCIAL EDUCATION.

Arrangements have been made so that any students in the University who desire to study Book Keeping, or any other branch taught in the Madison Business College, can do so, for two-thirds the usual fees.

EXAMINATIONS.

At the close of the first and second terms there is a public examination of all the classes of the University in the studies of the term.

During the week preceding commencement, the several classes are examined, in presence of a Board of Visitors, in the studies of the year.

Promotion from class to class is made to depend on these examinations.

DEGREES.

Students who complete the course of study prescribed in the College of Letters are entitled to the degree of Bachelor of Arts, and, after the expiration of three years from the time of graduation, on recommendation of the Faculty to the Regents, receive the degree of Master of Arts.

Students who complete the course of study in the College of Arts, are entitled to the degree of Bachelor of Philosophy, and after the expiration of three years from the time of graduation, on recommendation of the Faculty to the Regents, receive the degree of Master of Science.

Students who complete the prescribed course of study in the Law Department, upon examination and recommendation of the Law Faculty are entitled to the degree of Bachelor of Laws.

Students who remain one year in the University after graduation, devoting their time to study under the direction of the Faculty, are, on their recommendation to the Regents, entitled to the Master's degree. Those who remain two years, devoting themselves to Literature or Science, on recommendation of the Faculty, are entitled to the degree of Doctor of Philosophy.

Students who hold a first grade certificate, approved by the State Superintendent of Common Schools for the State of Wisconsin, and also all graduates of Normal Schools of the State, are, after one year's study under direction of the Faculty, entitled to appropriate University degrees.

Graduates of the Female College receive such appropriate degrees as the Regents may determine.

APPARATUS AND CABINETS.

The University is provided with extensive and valuable Geological and Mineralogical Cabinets and collections in Natural History; also with well selected Philosophical and Chemical Apparatus.

LIBRARY.

The University Library comprises nearly four thousand volumes.

All the students have access to it free of charge. Valuable additions have been made during the past year.

Students also have opportunity free of expense, to consult the State Historical and State Libraries, the former numbering thirty-five thousand volumes, and the latter comprising a choice collection of miscellaneous works and a very complete Law Library. Each is furnished with commodious rooms kept comfortable at all hours of the day. These are Library privileges unsurpassed in the West and equaled in very few institutions in the country.

LITERARY SOCIETIES.

The two Literary Societies—Athenæan and Hesperian—are sustained with great interest, and furnish valuable aid in the intellectual training of the student. Each has a library of several hundred volumes. Spacious and commodious rooms in University Hall have been provided and furnished at the expense of the institution, for the use of these societies.

These societies admit to membership students connected with the regular classes only. Another, called the *Philomathe-* an Society, has just been organized for Preparatory and University students.

RELIGIOUS EXERCISES.

The students and Faculty are assembled for prayers daily fifteen minutes before the morning hour for commencing recitations.

It is a rule of the institution that all students attend church at least once on Sabbath, unless specially excused.

ROOMS.

Private Rooms in the North Dormitory Building, under certain restrictions, can be secured by gentlemen on application to the locating officer at the opening of each term.

No student will be allowed to occupy a room until his bills for the term are settled.

Students from abroad have the preference in the assignment of rooms.

Those in the regular classes are allowed the choice of rooms, and in the order of the classes.

Regular Students, in previous occupancy, if on the ground at the opening of the term, are permitted to retain their rooms, unless needed for those in higher classes. Rooms are furnished, except stoves, at the expense of the students, who should bring their own bedding, towels, etc. Other furniture can be obtained here second-hand, or new, at moderate prices.

Occupants of rooms are held responsible for all damages to to the same.

Students not accommodated in the University, and not residing with their parents in Madison, will lodge and board in town, under such regulations as the Faculty may prescribe.

Students of suitable age, in the Preparatory Department, are allowed to occupy rooms in the Dormitory Building.

TERMS AND VACATIONS.

The commencement anniversary is on the Wednesday preceding the last Tuesday of June, and is followed by vacation of nine weeks.

There are three terms in each year, and three vacations.

The first term opens on Wednesday, nine weeks from commencement, and continues until the Friday preceding the last Thursday in November. The second term commences on the third Wednesday after the close of the preceding term, and continues till the Friday preceding the second Wednesday of March. The third term commences on the second Wednesday after the close of the term and continues till Wednesday preceding the last Tuesday in June.

EXPENSES.

Tuition,	\$6	00
Room rent,	2	00
Tuition and room rent for one-half term,	5	00
Tuition for half term,	4	00
To students not occupying private rooms, an additional		
charge for use of heat of public room, 1st and 3d term,	1	00
And for winter term,	2	00

Payment of the above charges is required strictly in advance.

Students will be charged for not less than half a term, and no deduction will be made for voluntary absence.

Board, in clubs or private families, may be had at a cost not exceeding \$3 per week.

Wood is furnished to students at cost.

Tuition free to one student from each Assembly district in the State; such pupil to be nominated by the member of Assembly for that District.

Blank forms for such nominations can be had upon application to the Secretary of State or the President.

CALENDAR FOR 1868-9.

FIRST TERM begins August 26, 1868, and closes November 20, 1868.

SECOND TERM begins December 9, 1868, and closes March 12, 1869.

THIRD TERM begins March 24, 1869, and closes June 23, 1869.

Anniversary of Literary Societies, Monday evening before Commencement.

Graduating Exercises of Female College, Tuesday P. M. before Commencement.

ALUMNI ADDRESS, Tuesday evening before Commencement.

COMMENCEMENT, Wednesday, June 23, 1869.

UNIVERSITY OF WISCONSIN.

GRADUATES.

UNIVERSITY OF WISCONSIN

GRADUATES

COLLEGE CLASSES.

JULY, 1856.	
Samuel S . Benedict, A. M	Madison.
James M. Flower, A. M	Madison.
Sidney Foote, A. M	Madison.
Burgess C. Slaughter, A. M	
JULY, 1857.	
Sinclair W. Botkin, A. M	Madison.
Thomas D. Coryell, A. M	
Charles Fairchild, A. M	
William C. Jenckes, A M	
John F. Smith, A. M	
JULY, 1858.	Robbinski
Richard W. Hubbell, A. M	Milwaukee.
John W. Slaughter, A. B	
William F. Vilas, A. M	
JULY, 1859.	
Alexander C. Botkin, A. M	Milwaukee.
Hill C. Bradford, P. B.,	
Leonard S. Clarke, A. M.,	Sanfrancisco Cal.
Samuel Fallows, A. M.,	Milwaukee.
Edward B. Guild, A. M.,	Kansas.
Elbert O. Hand, A. M.,	Racine.
Edwin Marsh, A. M.,	
Phillip C. Slaughter, P. B,	
6	

JUNE, 1860.

001.13, 1000.	
George W. Bird, A. M	Jefferson.
*Thomas J. Hale, A. M.,	
William P. Powers, A. M.,	Madison.
*John E. Sutton, A. M.,	Madison.
*Leander M. Comins, A. M.,	Maine.
John B. Parkinson, A. M.,	Madison
Milan W. Searl, P. B.,	Farfield.
Fred. T. Starkweather, A. M ,	New York City.
JUNE, 1861.	
Farlin Q. Ball, P. B.,	Madison.
Aenry Vilas, A. M	Madison.
John D. Parkinson, A. M.,	Greenfield, Mo.
James B. Britton, A. M	Chillicothe, O
William E. Spencer, A. M.,	Washington City.
William W. Church, A. M.,	Madison.
Almerin Gillett, P. B ,	Emporia, Kansas.
S. Azariah Hall, A. M.,	Eau Claire.
Michael Leaby, P. B.,	Chicago.
THNE 1960	
JUNE, 1862.	
Michael Leahy, A. M.,	
Isaac N. Stewart, P. B.,	Waukesha.
JUNE, 1863.	
Phineas J. Clawson, A. M.,	Juda.
Pitt Cravath, P. B.,	Whitewater.
Milton S. Griswold, AM.,	Waukesha.
Joseph Dwight Tredway, A. M.,	New York City.
Levi Madison Vilas, A. M.,	Madison.
Frank Waterman, P. B.,	Tes Moines, Iowa.
JUNE, 1864.	

Eugene M. Congar, P. B.,.... Whitewater. James Lambert High. A. M..... Chicago.

Augustus H. Salisbury, A. M., John Coit Spooner, P. B., Washington Irving Wallace, A. M., JUNE, 1865.	Mazomanie. Madison. Lebanon, Mo.
James Bryne, A. M., James Maden Jones, P. B, Geo, H, Pradt, P. B., Philip Stein, A. M., Chas. Harrison Vilas. A. M.,	Oshkosh. New York Madison. Milwaukee. Madison.
JUNE, 1866. Jas. Augustus Blake, A. B., Arthur Peck, A. B, Fred. Scheiber, P, B., Wm. Henry Spencer, P. B., John Adams Spencer, P. B.,	Elliota, Minn. Monroe. West Bend. Evansville. Evansville.
JUNE, 1867. George Cross, P. B.,	Hart's Prairie. Monroe. Juda. Mondovi. Wautoma.
Thomas Bradford Chynoweth, A. B., Herbert Wm. Chynoweth, A. B., Geo. Washington Holland, P. B., Isaac Stephen Leavett, P. B., Morgan Johnston Smith, P. B., Frederick Stephen Stein, P. B., John G. Taylor, P. B., James Turner, P. B., Charles Edward Vroman, P. B.,	Madison. Madison. Mazeppa. Burns. Fairplay. West Salem. Black Earth. Maxville. Madison,

^{*}Deceased.

NORMAL CLASSES.

JUNE, 1865.

Mary A. Allen,	Geneva.			
Clara J. Chamberlain,	Milwaukee.			
Anne E. Chamberlain,	Milwaukee.			
Hettie M. Rusk,	Viroqua.			
Lydia Sharp,	Madison.			
Annie E. Taylor,	Middleton.			
JUNE, 1866.				
Ellen Byrne,	Madison.			
Abba Gilbert,	Kenosha.			
Anna J. Pickard,	Dixon, Ill.			
Mary B. Read,	Madison.			
Agnes J. Sawyer,	Tunnel City.			
Maggie J. Spears,	Fond du Lac.			
JUNE, 1867,				
	N. 11			
Mary L. Craig,	Madison.			
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Isabel Durrie,	Madison.			
Annie M. Gorum,	Madison.			
Annie M. Gorum,	Madison. Delevan.			
Annie M. Gorum, Delia M. Isham, Ella Larkin,	Madison. Delevan. Madison.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman,	Madison. Delevan. Madison. Madison.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman, Anna McArthur,	Madison. Delevan. Madison. Madison. Waupacca.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman, Anna McArthur, Carrie Nelson,	Madison. Delevan. Madison. Madison. Waupaeca. Madison.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman, Anna McArthur, Carrie Nelson, Emma R. Phillips,	Madison. Delevan. Madison. Madison. Waupacca. Madison. Sun Prairie.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman, Anna McArthur, Carrie Nelson, Emma R. Phillips, Lizzie Robson,	Madison. Delevan. Madison. Madison. Waupacca. Madison. Sun Prairie. Syene.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman, Anna McArthur, Carrie Nelson, Emma R. Phillips, Lizzie Robson, Charity Rusk,	Madison. Delevan. Madison. Madison. Waupacca. Madison. Sun Prairie. Syene. Viroqua.			
Annie M. Gorum, Delia M. Isham, Ella Larkin, Mary S. Lyman, Anna McArthur, Carrie Nelson, Emma R. Phillips, Lizzie Robson,	Madison. Delevan. Madison. Madison. Waupacca. Madison. Sun Prairie. Syene.			