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Catalogue of the officers and students of the University of Wisconsin, for the year ending June 21, 1871: with a statement of the courses of instruction in the several departments. 1871

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

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CATALOGUE.

University of Wisconsin.

1870-71.

6082.
CHICAGO,
1884.
Historical Society.

CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF THE
UNIVERSITY OF WISCONSIN

For the year ending June 21, 1871,

WITH A STATEMENT OF THE
COURSES OF INSTRUCTION IN THE SEVERAL DEPARTMENTS.



MADISON, WIS.:
ATWOOD & CULVER, BOOK AND JOB PRINTERS, JOURNAL BLOCK.
1871.

RE-ORGANIZATION.

Chapter 114—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 application 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 discipline in military tactics, the requisite arms for which shall be furnished by the State.

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

BOARD OF REGENTS.

STATE SUPERINTENDENT OF PUBLIC INSTRUCTION.

Ex-officio Regent.

Terms expire first Monday in February, 1872.

1st Congressional District	H. K. SMITH	Milwaukee.
6thdo.....do.....	ANGUS CAMERON	La Crosse.
4thdo.....do.....	C. S. HAMILTON	Fond du Lac.
2ddo.....do.....	J. C. GREGORY	Madison.
2ddo.....do.....	N. B. VAN SLYKE	Madison.

Terms expire first Monday in February, 1873.

2d Congressional District	R. B. SANDERSON	Madison.
4thdo.....do.....	F. O. THORPE	West Bend.
1stdo.....do.....	J. R. BRIGHAM	Milwaukee.
3ddo.....do.....	W. W. FIELD	Boscobel.

Terms expire first Monday in February, 1874.

3d Congressional District	H. H. GRAY	Darlington.
5thdo.....do.....	AUG. L. SMITH	Appleton.
1stdo.....do.....	B. R. HINCKLEY	Oconomowoc.
5thdo.....do.....	JACOB S. BUGH	Wautoma.

OFFICERS.

C. S. HAMILTON,
President.

JOHN S. DEAN,
Secretary.

STATE TREASURER,
Ex-officio Treasurer.

Executive Committee,
N. B. VAN SLYKE, J. C. GREGORY, R. B. SANDERSON.

Farm Committee,
R. B. SANDERSON, B. R. HINCKLEY, H. H. GRAY.

Farm Superintendent.
H. H. McAFFE.

FACULTY AND INSTRUCTORS.

J. H. TWOMBLY, D. D.,

*President and Professor of Mental and Moral Philosophy.

JOHN W. STERLING, PH. D.,

Vice President and Professor of Natural Philosophy and Astronomy.

JOHN B. PARKINSON, A. M.,

Professor of Mathematics.

STEPHEN H. CARPENTER, LL. D.,

Professor of Logic, Rhetoric and English Literature.

WILLIAM F. ALLEN, A. M.,

Professor of Latin and History.

ALEXANDER KERR, A. M.,

Professor of Greek Language and Literature,
and Principal of Preparatory Department.

JOHN B. FEULING, PH. D.,

Professor of Modern Languages and Comparative Philology.

W. W. DANIELLS, M. S.,

Professor of Agriculture and Analytical Chemistry.

JOHN E. DAVIES, A. M., M. D.,

Professor of Natural History and Chemistry.

ROLAND D. IRVING, A. M., E. M.,

Professor of Geology, Mining and Metallurgy, and Curator of Cabinet.

MAJ. WM. J. L. NICODEMUS, A. M.,

Professor of Military Science and Civil Engineering.

R. B. ANDERSON, A. M.,

Instructor in Languages.

* Elected June, 1871.

HON. L. S. DIXON, LL. D.,
Chief Justice of the Supreme Court of Wisconsin.
Professor of Law.

HON. ORSAMUS COLE, LL. D.,
Associate Justice of the Supreme Court of Wisconsin,
Professor of Law.

HON. WILLIAM PENN LYON,
Associate Justice of the Supreme Court of Wisconsin.
Professor of Law.

HON. H. S. ORTON, LL. D.,
Dean of Law Faculty.

J. H. CARPENTER, Esq.,
Professor of Law.

WILLIAM F. VILAS, LL. B.,
Professor of Law.

D. B. FRANKENBURGER, Ph. B.,
Instructor.

A. C. PARKINSON, A. B.,
Instructor.

ROBERT M. BASHFORD, A. B.,
Instructor.

STEPHEN LEAHEY, Ph. B.,
Instructor.

MISS CLARISSA L. WARE,
*Preceptress.

Mrs. D. E. CARSON,
†Preceptress.

Miss JOSEPHINE MAGOON,
†Assistant Preceptress.

Miss LIZZIE S. SPENCER, Ph. B.,
Instructor.

MISS LOUISA BREWSTER,
Teacher of Drawing and Painting.

* Resigned.

† Elected June, 1871.

STUDENTS.

RESIDENT GRADUATE.

<i>Name.</i>	<i>Residence.</i>
Stephen Leahey - - - -	Portland.

SENIORS.

COLLEGE OF ARTS.

<i>Name.</i>	<i>Residence.</i>
Theodore Lee Cole - - -	La Crosse.
Dennis William Grady - -	Monchess.
Robert Orr - - - -	Bunker Hill.
Michael William Pepper - -	Cedarburg.
George Washington Raymer -	Monroe.
Henry Reid - - - -	Jeddo.
John Stewart - - - -	Farmington.
Quincy Orlin Sutherland - -	Syene.
Orvey J. Taylor - - - -	Middleton.
Volney Underhill - - - -	Eagle.
Albert Watkins - - - -	Linden.
John William Whelan - - -	Monchess. —12.

COLLEGE OF LETTERS.

John Wesley Bashford - -	Fayette.
Henry Smith Bassett - -	Carimona, Minn.
Leonard Wright Colby - -	Freeport, Ill.
John Alexander Gaynor - -	Sussex.
John Franklin Glover - -	Monroe.
Charles Noble Gregory - -	Madison. —6.

JUNIORS.

COLLEGE OF ARTS.

<i>Name.</i>		<i>Residence.</i>
Edward Daniel Adler	- - -	Milwaukee.
Albert Eugene Bourne	- - -	Kenosha.
Thomas Evans Bowman	- - -	Mazomanie.
Frank Green Brown	- - -	Madison.
Robert Henry Brown	- - -	Spring Creek.
Henry Martin Chittenden	- - -	Greenville, Ill.
Joseph Cover	- - -	Lancaster.
Henry William Deming	- - -	Leicester.
Michael Riordan Dinan	- - -	Prairie du Chien.
Phillip Eden, Jr.	- - -	Mineral Point.
William Alvaro Franklin	- - -	Fall River.
Warren Edwards Hill	- - -	Green River, Ill.
Henry Warrington Hoyt	- - -	Honey Creek.
John C. Keefe	- - -	Jackson.
Ernest Lackner	- - -	Racine.
Lewis R. Larson	- - -	Columbus.
Charles Edward Laverty	- - -	Milwaukee.
Charles Theophilus McElroy	- - -	Cedarburg.
Carroll Sinclair Montgomery	- - -	Sparta.
Daniel T. Newton	- - -	Middleton.
William Elijah Odell	- - -	McGregor, Iowa.
John Kimbal Parish	- - -	Waupaca.
Sigfried Rindskopf	- - -	Milwaukee.
Jacob S. Swartz	- - -	Orangeville, Ill.
Edmund Theodore Sweet	- - -	Sun Prairie.
Horace Martin Wells	- - -	Summit.

COLLEGE OF LETTERS.

<i>Name.</i>		<i>Residence.</i>
Edwin Charles Arnold	- - -	Madison.
Sidney Houghton Cole	- - -	Madison.
George Dumars Cline	- - -	Fayette.
Elmer Horace Craig	- - -	Madison.
Lewis Maturin Fisher	- - -	Farmersburg, Iowa.
Benjamin Wilkins James	- - -	Otsego.
George Fisk Merrill	- - -	Burnett.
John Bernard Slattery	- - -	Sandusky.
George Geer Sutherland	- - -	Syene.
Edward Perrine Vilas	- - -	Madison.

SOPHOMORES.

COLLEGE OF ARTS.

<i>Name.</i>		<i>Residence.</i>
William Henry Baily	- - -	Grand Meadow, Iowa.
Frank Lemuel Boyce	- -	Brooklyn.
Thomas Brown Broughan	- -	Muskego Center.
Francis Austin Carle	- -	East Troy.
Wm. Henry Goodwin	- -	Wagener, Iowa.
Bradford Gillett	- - -	Springfield.
Hamilton Worth Hewitt	- -	Delafield.
Charles Albert Hoyt	- -	Chicago.
William Henry Howe	- -	Madison.
William Cornell Ladd	- -	Sugar Creek.
Glenway Maxon	- - -	Cedar Creek.
Clark Chadwick McNish	- -	Monroe.
Peter Davie McAndrew	- -	Monona, Iowa.
William Munroe	- - -	Union Grove.
Garret Jasper Patton	- -	Juda.
Duncan Reid	- - -	Jeddo.
Robert Fulton Taggart	- -	Weyauwega.
Newton Austin Sunderlin	- -	Dakota, Ill.
Abram Frederick Thompson	-	Sun Prairie.
Allen Francisco Warden	- -	Darlington.
Bernard Charles Wolter	- -	Greenville.
Charles Emerson Woodruff	-	Chippewa Falls.—22.

COLLEGE OF LETTERS.

James Whitford Bashford	- -	Fayette.
William Azro Lyman	- -	Bloomington.
George Henry Noyes	- - -	Delafield.
Ira Booth Smith	- - -	Fox Lake.
William Daniel Turvill	- -	Madison.

FRESHMEN.

COLLEGE OF ARTS.

<i>Name.</i>	<i>Residence.</i>
Henry Cullen Adams - - -	Door Creek.
Seymour Edgworth Bronson -	Mazomanie.
George Edward Brown - -	Blooming Grove.
Webster Everett Brown - -	Stevens Point.
Charles Wilson Bunn - - -	Sparta.
Thomas Francis Burke - -	Monchess.
Ezra Rolland Carr - - -	Warren, Ill.
George Madison Carnifex - -	Rock Run, Ill.
Joseph Washington Davis - -	Waukesha.
Lucius Manley Fay - - -	Oregon.
Charles Henry Fullerton - -	Mazomanie.
Mansir William Green - -	Albion.
Edward Leander Hills - - -	Madison.
Singleton Buell Hubbell - -	Milwaukee.
*James Henry Hurn - - -	Union Grove.
Elbridge S. Knight - - -	Markesan.
James Millend Morgan - - -	Ozaukee.
Frederick Richard Moss - -	Sun Prairie.
Hiram Allen Odell - - -	McGregor, Iowa.
George F. Pearsall - - -	McGregor, Iowa.
Eugene Adelbert Pollard - -	Liberty Pole.
Edward Henry Ryan - - -	Janesville.
Alfred Senior, Jr. - - -	Mazomanie.
John Joseph Swift - - -	Darlington.
Edward Wilber Thrall - - -	Monroe.
Thomas Scarber Thompson -	Sun Prairie.
Almond Worthy Uter - - -	Stoughton.
John F. A. Williams - - -	Prairie du Chien.
Charles Sumner Williams - -	Prarie du Chien.
Robert R. Williams, Jr. - -	Dodgeville.
Harold Walter Woodruff - -	Green Bay. —31.

* Deceased.

COLLEGE OF LETTERS.

<i>Name.</i>		<i>Residence.</i>
Albert Bjornson Anderson	- -	Albion.
Edward Chynoweth	- -	Madison.
Julian Clifford Janes	- - -	Darlington.
William Swift Noland	- -	Madison.
Ole E. Ostenson	- - -	Alderly.
David Augustus Sanford	- -	Alderly.
Charles Albert Wilkin	- -	Hannibal, Mo. —7.

UNIVERSITY STUDENTS.

<i>Name.</i>		<i>Residence.</i>
George Wilson Adams	- -	Lowell.
James Herbert Archer	- -	Springfield.
John Thomas Archer	- -	Springfield.
Harry Farwell Atwood	- -	Madison.
Frank Jehile Ayers	- -	Honey Creek.
Charles Galdo Bardeen	- -	Edgerton.
Edward George Barlow	- -	Darlington.
William Abbott Bartholomew	-	Lodi.
John Barton	- - -	Belleville.
Edwin Hawkins Bintliff	- -	Monroe.
John Brady	- - -	Rio.
Lenn Ober Brainard	- -	Lone Rock.
Anderson Wesley Brown	-	Stevens Point.
Charles Edwin Buell	- -	Sun Prairie.
William Norris Caldwell	- -	Belleville.
Charles Wesley Coleman	- -	Verona.
Allen Darst Conover	- -	Madison.
Fred King Conover	- -	Madison.
Fred William Coon	- -	Utica.
Beverly Crockett	- -	Plymouth.
Reuben Henry Darling	- -	Fox Lake.
John Dawson	- - -	Fayette.
Rufus Gulesberry Deming	-	Leicester.
Henry Woods Dixon	- -	Madison.
Henry Dorman	- -	Cottage Grove.
Dorr Dunning	- - -	Madison.
William Edwards	- - -	Arena.
Charles Egan	- - -	Paoli.
John Allif Eggen	- - -	Madison.
Ross Egbert	- - -	Monona, Iowa.
Edward Everett	- - -	Leeds Center.

<i>Name.</i>	<i>Residence.</i>
Roswald Dean Fairbanks - - -	Easton.
Henry Frawley - - -	Black Earth.
Michael Stephen Frawley - - -	Black Earth.
Henry Lewis Green - - -	Stevens Point.
Alfred Weed Gumaer - - -	Weyauwega.
Samuel Gunnison - - -	Whitewater.
James Cawin Haight - - -	Syene.
William Reeve Hamilton - - -	Fond du Lac.
George Patrick Harrington - - -	Saukville.
Spurzheim Ira Haseltine - - -	Richland Center.
Edwin E. Hegg - - -	Blue Mounds.
Homer Christopher Helms - - -	Fitchburg.
William Henry Jeffery - - -	Sussex.
Evan J. James - - -	Dodgeville.
George Hull Jewett - - -	Sun Prairie.
George Palmer Lake - - -	Clinton Junction.
Warren William Leaming - - -	Darlington.
Clinton Huntington Lewis - - -	Madison.
Edward Ludlow - - -	Monroe.
George Wilson Martin - - -	Blue Mounds.
George Smith Martin, Jr. - - -	Verona.
George Willis May - - -	Fort Atkinson.
Lewis Francis Mann - - -	Fitchburg.
Thomas Henry McConnell - - -	Columbus.
V. M. G. Mease - - -	Freeport, Ill.
John Moran - - -	Milwaukee.
William Byron Morehead - - -	Belleville.
James Moroney - - -	Richland Center.
Howard Morris - - -	Madison.
James Colie Page - - -	Stoughton.
George Palmer - - -	Eau Claire.
John Patterson - - -	Dayton.
Eliphalet Inthe Price - - -	Guttenburg, Iowa.
Frank Newland Pratt - - -	Warren, Ill.

<i>Name.</i>	<i>Residence.</i>
William Evarts Richards - -	Meriden, N. H.
Charles William Roby - -	Stoughton.
Jerome Henry Salisbury - -	Fitchburg.
Edwin William Sargeant - -	Oregon.
Charles Frederick Sheldon -	Madison.
Herbert Sylvester - - -	Madison.
David Nevins Starr - - -	Rockford, Ill.
Charles Wakeman Stone - -	Bloomington Grove.
Matthew Swanton - - -	Alderly.
George Cassius Synon - - -	Fitchburg.
Charles Simeon Taylor - -	Oxford.
George Augustus Tenney - -	Madison.
Abram Kelley Thompson - -	Sun Prairie.
George Tillotson - - -	Belleville.
George Henry Vernon - - -	Middleton.
Ira LeRoy Walbridge - - -	Cottage Grove.
Jefferson Herman Weber - -	Monroe.
Ellef Anderson Weigen - -	Sun Prairie.
Leroy Allen Woodle - - -	Monroe.
William Wraamann - - -	Madison.
Oliver Rye Wulfsburg - - -	Madison.
Edwin Dwight Wood - - -	Dane.

PREPARATORY STUDENTS.

<i>Name.</i>	<i>Residence.</i>
Edward Allen - - - -	Chippewa Falls.
Frederick William Aufderheide -	Darlington.
James Edwin Baker - - -	Madison.
Fenner Edwin Bement - -	Oregon.
Robert Cross Bennett - -	Oregon.
Russell Edward Berry - -	Milwaukee.
Elizezer David Bewick - -	Windsor.
Brigham Bliss - - - -	Madison.
Myron Addison Blackburn -	Perry.
Halver Johnson Bollone - -	Goodhue Center
Frank John Bort - - - -	Ossian, Iowa.
Thomas Bowker - - - -	Belleville.
Calvin Preston Boyd - - -	Rock Grove, Ill.
Isaac Samuel Bradley - - -	Madison.
David Buchanan - - - -	Rio.
David Rolche Bundy - - -	Rio.
Eugene Orvill Burgess - -	Sun Prairie.
John Bernard Campbell - -	Fort Wayne, Ind.
James Edward Conklin - -	Madison.
Ellis Cornwell - - - -	Crystal Lake, Iowa.
Charles Cox - - - -	Winslow, Ill.
Hermann Bjorn Daley - - -	Perry.
Joseph Francis Devlin - -	Madison.
Nelson Dunn Dewey - - -	Cassville.
Herman Edwin Dodge - - -	Madison.
Cephas Smith Driver - - -	Darlington.
Richard Ball Dudgeon - -	Oregon.
Charles Lowell Dudley - -	Madison.
Benjamin Franklin Dunwiddie -	Brodhead.
Charles Francis Eager - -	Mendota.
Halstein Ever - - - -	Blue Mounds.

<i>Name.</i>	<i>Residence.</i>
John Burnham Fairbanks - -	Easton.
Erick Truls Farnes - - -	North Windsor.
Edward Finnegan - - -	Barton.
Marcus Henry Fish - - -	Evansville.
John Welton Fisher - -	Terre Haute, Ind.
William Fitzgibbons - - -	Westport.
Daniel A. Foote - - -	Mondovi.
Charles Edgar Frank - - -	Boscobel.
Alfred Swift Frank - - -	Madison.
Cassius Martin Fuller - - -	Brooklyn.
Leonard Warren Gammons -	Middleton.
James Roland Gardner - - -	Fitchburg.
Evan John Godding - - -	Denver, Colorado.
Joseph Walter Green - - -	Vienna.
Thomas William Hanna - -	Cottage Grove.
Charles Ford Harding - -	Springfield.
George DeHaven - - -	Winslow, Ill.
John Wesley Henderson - -	Middleton.
John Higham - - -	Fitchburg.
William Hinrichs - - -	Madison.
Albert Hook - - -	Brooklyn.
Jacob Husel - - -	Springdale.
Herbert Gordon Howland -	Stoughton.
Charles Luther Hubbs - - -	Watertown.
George Robert Hull - - -	Oconto.
Frederick Sargent Huntington -	— — —
Amund Peterson Jardee - -	Pleasant Springs.
Richard Johnson - - -	Mount Vernon.
Erick Johnson - - -	Vienna.
John Clark Jones - - -	Madison.
William Frederick Kampmeier -	Madison.
Augustus Kampmeier - - -	Madison.
John Anslo Keenan - - -	Fitchburg.
Wm. Keenan - - -	McFarland.
Joseph Stearns Keyes - -	Madison.

<i>Name.</i>	<i>Residence.</i>
John Kiley - - - - -	Madison.
Moses Klauber - - - - -	Madison.
Ole H. Lee - - - - -	Christiana.
Knute Lewis - - - - -	Perry.
Charles Robinson Lewis - - - - -	Columbus.
John James Lyons - - - - -	Clark Mills.
Giles Phineas Martin - - - - -	Springfield.
Thomas McGrath - - - - -	Milwaukee.
James Melville - - - - -	Oregon.
Henry Martin Melvin - - - - -	Brooklyn.
Henry Josiah Miles - - - - -	Springdale.
Floyd Malachi Miller - - - - -	Columbus.
Duane Mowry - - - - -	Windsor.
Oliver Pixly Myers - - - - -	Elkhart, Ind.
Edwin Middleton Norton - - - - -	Madison.
Frank Fairfield Nye - - - - -	Syene.
Ole Ollison - - - - -	Vienna.
Edward O'Neil - - - - -	Monchess.
Lewis Ostenson - - - - -	Alderly.
George F. Ott - - - - -	Madison.
Ossian Marsh Pettit - - - - -	Kenosha.
Thomas Henry Phillips - - - - -	York.
Charles Ernest Pickard - - - - -	Madison.
Joseph Pinkham - - - - -	Union.
Samuel Robert Pollock - - - - -	Orangeville, Ill.
Jerman Post - - - - -	Madison.
Lewis Post - - - - -	Madison.
William T. C. Potter - - - - -	Cambridge.
Millard Fillmore Pritchard - - - - -	Jordan.
William Quirk - - - - -	Linden.
Elling Reierson - - - - -	Spring Grove.
William Henry Rogers - - - - -	Waterloo.
James Lewis Seaman - - - - -	Milwaukee.
Augustus F. Selberg - - - - -	Howard's Grove.
Lyman Robert Sholes - - - - -	Madison.

<i>Name.</i>	<i>Residence.</i>
Irving Simmons - - - -	Springfield.
Dolphus Smith - - - -	Belleville.
Thomas Alexander Stewart -	Verona.
Andrew Wallace Storer - -	Madison.
Charles Henry Story - - -	Belleville.
Richard Francis Stapleton -	Ten Mile House.
Joseph Croft Sunderland - -	Beaver Dam.
Albert Willis Sutherland - -	Syene.
John Torrey Swain - - - -	Madison.
George Thomas Taft - - - -	La Fayette.
Johnson C. Taylor - - - -	Mount Hope.
Charles Hooker Taylor - - -	Middleton.
Harris R. Thompson - - - -	Sun Prairie.
Albert Trussell - - - -	Providence, R. I.
Horace Mortimer Tusler - - -	Stoughton.
William Grant Van Horn - -	Madison.
Ole Nelson Wagley . - - -	Plymouth.
William Warner - - - -	Oregon.
Ole Sever Walen - - - -	Primrose.
John Camp Ward - - - -	Blue Mounds.
George William Wolfe - - -	Rock City, Ill.
Franklin Joseph Wood - - -	Grand Rapids.
Israel George Wise - - - -	Orangeville, Ill.
William David Welch - - - -	Madison.
Arthur LeRoy Wheeler - - -	Westport.
Samuel White - - - -	Hazel Green.
Rinaldo Flavius Wilbur - - -	Winslow, Ill.
Joseph Everet Wildish - - -	Waukesha.
Thomas Winterbotham - - -	York.
Edward Vernon Whiton - - -	Janesville. —131.

LAW STUDENTS.

<i>Name.</i>				<i>Residence.</i>
Robert M. Bashford	-	-	-	Fayette.
Edward B. M. Browne	-	-	-	Esperjes, Hungary.
Robert Catlin	-	-	-	Portland, Oregon.
Henry Coe	-	-	-	Watertown.
David B. Frankenburger	-	-	-	Monroe.
Charles E. Freeman	-	-	-	Delton.
Stephen S. Gregory	-	-	-	Madison.
Harry Hackney	-	-	-	Boscobel.
Thomas C. Hardy	-	-	-	Lowell.
Henry H. Helms	-	-	-	Fitchburg.
Justin Jacobs, Jr.,	-	-	-	Waupun.
Burr W. Jones	-	-	-	Evansville.
D. Lloyd Jones	-	-	-	Madison.
John T. Jones	-	-	-	Mifflin.
Fernando J. Knight	-	-	-	Markesan.
Peter McGovern	-	-	-	Waterloo.
Nils Michelet	-	-	-	Madison.
Otho H. Orton	-	-	-	Madison.
Alfred C. Parkinson	-	-	-	Fayette.
Frederick Schweppe	-	-	-	Reedsburg.
Clark A. Smith	-	-	-	Belleville.
Clement H. Van Wermer	-	-	-	Burns.
F. E. Watson	-	-	-	Berlin.

FEMALE COLLEGE.

RESIDENT GRADUATE.

<i>Name.</i>				<i>Residence.</i>
Nellie W. Chynoweth	-	-	-	Madison.

SENIORS.

<i>Name.</i>				<i>Residence.</i>	
Carolyn E. Adams	-	-	-	Cottage Grove.	
Sarah J. Hardenberg	-	-	-	Lone Rock.	
Adele M. Overton	-	-	-	Dane.	
Ada M. Robson	-	-	-	Evansville.	—4.

JUNIORS.

<i>Name.</i>				<i>Residence.</i>	
Mary B. Anderson	-	-	-	Pine Bluff.	
Maria E. Byrne	-	-	-	Madison.	
Cora W. Gregory	-	-	-	Madison.	
Annie M. Martin	-	-	-	Blue Mounds.	
Ellen J. Moss	-	-	-	Sun Prairie.	
Jennie Muzzy	-	-	-	Clinton.	
Jennie Stewart	-	-	-	Farmington.	
Libbie Stewart	-	-	-	Farmington.	—4.

SOPHOMORES.

<i>Name.</i>				<i>Residence.</i>
Minnie L. Atwood	-	-	-	Madison.
Hattie D. Barker	-	-	-	Madison.
Sarah E. Bement	-	-	-	Oregon.
Clara M. Chase	-	-	-	Verona.
Henrietta L. Crane	-	-	-	Rutland.
Kate D. Dewey	-	-	-	Cassville.
Nettie F. Dodge	-	-	-	Madison.
Marilla J. Douglas	-	-	-	Stoughton.
Mary S. Dwight	-	-	-	Oregon.
Madeline Fairman	-	-	-	Madison.
Theresa S. Faville	-	-	-	Madison.
Lizzie M. Foresman	-	-	-	Madison.
Mary Attie Gantt	-	-	-	Cottage Grove.
Alice J. Gantt	-	-	-	Cottage Grove.
Alice E. Gilbert	-	-	-	Madison.
Delia Gilman	-	-	-	Sun Prairie.
Hattie M. Gray	-	-	-	Darlington.
Mattie A. Gray	-	-	-	Darlington.
Josephine Hawes	-	-	-	Madison.
Ella Henry	-	-	-	McFarland.
Kate A. Ketchum	-	-	-	Cottage Grove.
Lena Klauber	-	-	-	Madison.
Ellen J. Kollock	-	-	-	Belleville.
Isabella Lamont	-	-	-	Verona.
Emma M. Martin	-	-	-	Springfield.
Mary McCoy	-	-	-	Dayton.
Kate G. McGonegal	-	-	-	Chicago, Ill.
Annie L. Mears	-	-	-	Madison.
Mary E. Muir	-	-	-	Portage.
Eliza Nagle	-	-	-	Patch Grove.
Lillian De F. Park	-	-	-	Black Earth.

<i>Name.</i>	<i>Residence.</i>
Sarah C. Peck - - - -	Black Earth.
Viola Rogers - - - -	Juda.
Emma E. Sabine - - - -	Windsor.
Ella M. Shultz - - - -	Patch Grove.
Chloe Simmons - - - -	Springfield.
Grace Simmons - - - -	Springfield.
Eva E. Swaine - - - -	Madison.
Florence E. Taylor - - - -	Cottage Grove.
Mertilla M. Wieler - - - -	Pierceville.
Susan B. Williamson - - - -	Madison.
Libbie M. Wood - - - -	Fond du Lac. —42.

FRESHMEN.

<i>Name.</i>	<i>Residence.</i>
Hattie L. Andrews - - - -	Madison.
Emma S. Atwood - - - -	Madison.
Lizzie G. Atwood - - - -	Madison.
Alice H. Barker - - - -	Blooming Grove.
Mary J. Brennan - - - -	Madison.
Alice I. Bullock - - - -	Springfield.
Rosa Byrne - - - -	Fitchburg.
Lizzie M. Camack - - - -	Madison.
Florence Campbell - - - -	Cottage Grove.
Honora Collins - - - -	Verona.
Delia Cummings - - - -	Fitchburg.
Katie Davis - - - -	Bristol.
Annie W. Dean - - - -	Sauk City.
Rosa Deming - - - -	Vienna.
Carrie M. Engesaether - - - -	Vienna.
Delia W. Fish - - - -	Evansville.
Ella Fitzgibbons - - - -	Westport.
Hattie B. French - - - -	Madison.

<i>Name.</i>	<i>Residence.</i>
Mary French - - -	Madison.
Euphemia Fuller - - -	Evansville.
Lucinda W. Gammons - - -	Middleton.
Carrie S. Grinch - - -	Windsor.
Ellen J. Hazeltine - - -	Mazomanie.
Mary McH. Henry - - -	McFarland.
Mary Herron - - -	Madison.
Elisabeth A. Herrick - - -	Middleton.
Mary A. Hill - - -	Madison.
Bridget Hines - - -	Madison.
Eloise Hurd - - -	Blooming Grove.
Emma E. Johnson - - -	Vienna.
Mary E. Johnson - - -	Springfield.
Hattie E. Koacher - - -	Rutland.
Susan S. Litch - - -	Oregon.
Addie M. Litch - - -	Oregon.
Matilda M. Malone - - -	Mount Vernon.
Ellen C. Malone - - -	Mount Vernon.
Mary McCracken - - -	Monroe.
Sarah J. McKinney - - -	Springdale.
Sarah J. Miles - - -	Springdale.
Sarah A. Mitchell - - -	Fitchburg.
Ellen A. Mowry - - -	Madison.
Florence M. Morrow - - -	Madison.
Electa A. Nye - - -	Syene.
Mary A. Nye - - -	Syene.
Nettie P. Page - - -	Stoughton.
Mina L. Parkinson - - -	Fayette.
Mary Palmer - - -	Chippewa Falls.
Mary H. Parmeley - - -	Center.
Amy E. Pelton - - -	Spring Green.
Donna S. Raymond - - -	Vienna.
Katie Roberts - - -	Bristol.
Jennie M. Robertson - - -	Dane.
Jennette Salisbury - - -	Algoma Iowa.

<i>Name.</i>					<i>Residence.</i>
Abby J. Shankland	-	-	-	-	Verona.
Grace F. Sterling	-	-	-	-	Madison.
Dora Foote	-	-	-	-	Blooming Grove.
Clara E. Truesdale	-	-	-	-	Juda.
Mary A. Tipple	-	-	-	-	Rutland.
— Whitney	-	-	-	-	
Nellie M. Williams	-	-	-	-	Summit.
Kate Woodbury	-	-	-	-	Blue Mounds.
Hattie P. Woods	-	-	-	-	Prairie du Sac.—62.

UNIVERSITY STUDENTS.

<i>Name.</i>					<i>Residence.</i>
Caroline Carter	-	-	-	-	Newburyport, Mass.
Alice H. Durrie	-	-	-	-	Madison.
Florence Hastings	-	-	-	-	Madison.
Helen Jones	-	-	-	-	Madison.
Jennie R. Perkins	-	-	-	-	Madison.
Lizzie Ward	-	-	-	-	Madison.
Alice D. Welch	-	-	-	-	Arlington. —7.

SUMMARY.

College of Arts—

Resident Graduate	-	-	-	-	-	1
Seniors	-	-	-	-	-	12
Juniors	-	-	-	-	-	26
Sophomores	-	-	-	-	-	22
Freshmen	-	-	-	-	-	31

College of Letters—

Seniors	-	-	-	-	-	6
Juniors	-	-	-	-	-	10
Sophomores	-	-	-	-	-	5
Freshmen	-	-	-	-	-	7
University Students	-	-	-	-	-	87
Preparatory Students	-	-	-	-	-	131
Law Students	-	-	-	-	-	23

Female College—

Resident Graduate	-	-	-	-	1
Seniors	-	-	-	-	4
Juniors	-	-	-	-	8
Sophomores	-	-	-	-	42
Freshmen	-	-	-	-	62
University Students	-	-	-	-	7

Total	-	-	-	-	485
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UNIVERSITY OF WISCONSIN.



COLLEGES AND DEPARTMENTS.

I. COLLEGE OF ARTS.

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 of instruction in the mathematical, physical and natural sciences, with their application 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.

The plain object of this section is to provide, not only for a general scientific education, but also for 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 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, Mining and Metallurgy, and Engineering are branches of this college.

Those who wish to make Agriculture, Mining and Metallurgy or Engineering specialties, pursue the courses of study prescribed in those Departments, but all the scientific instruction in

this College is given with special reference to Agriculture and other useful arts.

DEPARTMENT OF AGRICULTURE.

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.

METEOROLOGY.—Besides the general principles of Physical Geography, and the laws of the formation and disposition of dews, frosts, etc., 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.

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 be seen 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 applications to the various operations of the farm.

ZOOLOGY.—The entire course of 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 application 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 may be regarded as an experiment. An institution, or any department of instruction in it, must be modified until it meets the wants of the people. Their wants will be learned by the de-

mands 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 abundant 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 present themselves, as well as the reasonable demands of the people.

DEPARTMENT OF MILITARY SCIENCE.

Physical culture, so long neglected in the schools of this country, is now everywhere claiming the attention of educators. Cultivated intellect, in the absence of muscular energy, is inadequate to promote the welfare of society, or the happiness of its possessor. Aware of this fact, the Regents have adopted means to secure the physical training of the students. The Military Department is thoroughly organized and placed under the direction of Major W. J. L. NICODEMUS, late of the United States Army. By action of the Board of Regents, military drill is required of all the members of the Sophomore and Freshman Classes, who must provide themselves with the prescribed uniform, on consultation with Major NICODEMUS. This uniform is cheap, neat, and suitable for ordinary wear. It is expected that many students not connected with these classes, will join the battalion. This is earnestly recommended as furnishing a most healthful exercise. Students will be required to drill only three hours a week. Those who join the battalion will be subject to all the rules of the Department, and cannot withdraw without special action of the Faculty.

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A commodious building has been erected for a *Drill Room and Gymnasium*.

Rules and Regulations for the Government of the Department of Military Science in the University of Wisconsin.

ARTICLE I.

Organization.

1. All students of the Sophomore and Freshman and those of the other classes who may so elect, shall be organized into a Battalion of two or more companies under the command of the Professor of Military Science.

2. Each company shall be designated by a letter of the alphabet and officered by one Captain, two Lieutenants, five Sergeants and eight Corporals.

3. The number of officers and non-commissioned officers as provided for in the preceeding paragraph will be appointed by the President of the University in consultation with the Professor of Military Science.

ARTICLE II.

Uniform.

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

2. The sack coat shall be single breasted of dark blue cloth; one row of four buttons on the breast; turn-over collar; three small buttons on each cuff; pockets on the inside; top button on breast to be well up to the throat.

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

4. *Cap*.—The forage cap to be of the same material and color as the coat, of the army pattern with a gold wreath enclosing the letters U. W. The wreath to be worked on black velvet and the letters to be embroidered in silver.

5. *Button*.—The button of the 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 U. W., stamped upon it over the eagle.

6. *Equipments*.—The equipments and insignia of rank shall be like those worn by officers and non-commissioned officers of the same rank in the U. S. Infantry.

ARTICLE III.

Military Exercises.

Practical instruction in the School of the Soldier, Company and Battalion; Skirmish Drill and Target Practice.

ARTICLE IV.

Military Science.

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

Smith's Topography.

Mahan's Military Engineering.

Mahan's Advanced Guards, Out Posts, etc.

Benet's Military Law and Practice of Courts Martial.

Benton's Ordinance and Gunnery.

Upton's Infantry Tactics.

United States Tactics for Field and Garrison, Artillery and Cavalry.

United States Manual of Signals.

United States Army Regulations.

ARTICLE V.

The Board of Regents at its Annual Sessions will forward to the Governor of the State, the names of five students who have gone through the above course, 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.

DEPARTMENT OF ENGINEERING.

This Department is in charge of Prof. W. J. L. NICODEMUS a graduate of the United States Military Academy.

The object of this department is to give its students such instruction in the practice of Civil Engineering as to fit them, after a moderate amount [of practice, in the field, to fill the higher positions in the profession.

This department has lately been reorganized by Prof. NICODEMUS. The course of instruction is full and practical. Means have been taken for securing the best European instruments and Models for teaching Engineering.

Students are permitted to take any part of the course for which they are fitted.

The requirements for commencing the Engineering Course are the same as those for entering the Junior class of the College of Arts.

DEPARTMENT OF MINING AND METALLURGY.

This department was established by the Board of Regents at their last annual meeting. It will be fully organized during the fall term, beginning August 21, 1871. The object of this department is to furnish instruction in those branches of science a thorough understanding of which is essential to the intelligent worker either in mining or metallurgy.

ADMISSION.—Students who have completed the Freshman and Sophomore years of the College of Arts, may enter at once upon the studies of this department. Persons wishing to pursue this course who have not previously been students of the University, and who are candidates for a degree, must pass examination on the studies of the Freshman and Sophomore years.

THE COURSE OF STUDY will be arranged in detail at the beginning of the collegiate year. The course will occupy two years, and will be so arranged that all studies which should precede

the course required in this department will be given in the Freshman and Sophomore years of the College of Arts.

Laboratories completely equipped have been prepared for practical instruction in Analytical Chemistry, Assaying, Determinative Mineralogy, etc. Collections of Minerals, Ores, Rocks, Fossils, etc., are available to the student, and will be added to from time to time. The above information merely gives an outline of the work to be done by the new department. In some particulars, and especially in the large Assay Laboratory, just fitted up, the University has advantages not possessed by any other western institution.

DEPARTMENT OF LAW.

THE LAW DEPARTMENT of the State University was organized and put in practical operation in the year 1868, and its success has been gratifying in the highest degree. The great advantage of professional schools for the rapid and thorough elementary training of professional men has been long since completely demonstrated, and no profession has more entirely accepted and heartily acknowledged the benefits of such schools than the legal profession.

The learning of this profession embraces almost all the relations of life, and as it is the result of the experience of many ages, is scattered through very numerous volumes of treatises, reports, statutes and digests. To obtain the mastery of the numerous topics embraced within the limits of the body of the law in such degree of perfection as marks the learned lawyer, requires many years of diligent study and practical experience.

This result is not to be attained by any mere student. What the beginner wants is to gain a comprehensive general view and analysis of the whole system, then to learn, without the careful reading which would occupy a lifetime, what the books contain and where to search for more particular and detailed information; and to acquire the habits and modes of legal study and thought.

Superadd to this, an acquaintance with the rules and princi-

ples of practice in the Courts, and the Student is prepared to begin the work of life.

This degree of attainment can be reached in the professional school in at least half the time that the student can otherwise acquire it, and with the additional advantage that there is no incumbrance of obsolete ideas or mistaken impressions, which are so difficult for any but a lawyer to distinguish from living doctrine among the great mass of legal writings.

To afford to the young men of Wisconsin and the Northwest ready facilities for such acquirements, this Department has been established by the State University.

THE METHOD OF INSTRUCTION

Is for the most part by lectures, and by reading under the direction of the professors, with moot court practice. The lecture system is peculiarly adapted to the study of law. Few text books are written for students. The most elementary works are designed as exhaustive treatises for the use of lawyers and embrace not only the history of the growth of the doctrines, but also a discussion of the subject in far more detail than the student can advisably pursue so early. The lectures give a clear analysis of the subject under discussion, not involved with that which is obsolete or too minute.

The practising lawyer, acting as instructor, can refer the student to just such parts of the text books and to such adjudications in the reports, as present in the best manner the principles which it is important to know. This system of reading cases in connection with text books is of the first usefulness.

The Moot Court will be held weekly; and here the students are taught to perform, as students, just what they will be required to do as lawyers. The preparation of pleadings and the argument of questions—all selected from actual cases occurring in practice and designed to illustrate the subjects discussed in the lectures—under the direction of the Dean of the Faculty, formerly one of the Circuit Judges of the State, will afford to the student unsurpassed facilities for acquiring a practical familiarity

with the modes of administering the law. To those who know the difficulty with which the young lawyer acquires the easy confidence necessary to successful practice, this part of the school will especially commend itself.

An additional means to the same end consists in the forming of Clubs by the Students themselves, for which the Instructors will afford every assistance and the use of the lecture room is granted.

A certificate of graduation from this Department, will entitle the student to admission to practice, in all the courts of the State.

The peculiar advantages which the City of Madison, as the capital of the State, affords to the student of law deserve mention.

All sessions of the Supreme Court are held here, and also one term of the U. S. Circuit and District Courts annually. The Circuit Court for the county of Dane holds three terms annually; so that there is almost constantly some court in session.

The Law Library of the State, which is probably the largest collection of the kind in the Northwest, is at all times accessible to the Students. The advantage of this library to the Student can hardly be overestimated. He can here become familiarized with series of reports and with many treatises which are rarely found in private libraries.

The Miscellaneous Library of the State Historical Society, numbering over 30,000 volumes, is also open to the Students of this school.

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,
Matriculation fee \$25.

Tuition, per term, \$10.

II. COLLEGE OF LETTERS.

The course pursued in this College is the usual classical course, consisting of a complete course in Classics, Mathematics, Science and Literature, and is intended to be fully equal to that pursued in the best colleges in the country. While great care is taken by the authorities of the University to furnish young men with the means of obtaining a thorough preparation for the various departments of business, those studies which enable the student to secure the treasures of ancient wisdom and bring him into sympathy with the great thinkers of past ages will receive a requisite share of the time of instructors and students.

PREPARATORY DEPARTMENT.

The object of this Department is to fit young men for entering either the College of Arts or the College of Letters. It is not designed to do the work of Common Schools. Each member of the Faculty has a general direction of the studies pertaining to his department, and renders such assistance as may be required. Those who enter this Department are subject to the same rules, and allowed the same privileges as College Students. Many apply who are not fitted to enter. To prevent disappointment, application should be made by letter, stating the age and acquirements of the applicant.

Candidates must not be under twelve years of age, and will be examined in Reading, Spelling, Penmanship, Arithmetic through Interest, English Grammar, and Descriptive Geography.

The Preparatory Course for the College of Arts, is as follows:

- | | |
|---------------------|--|
| <i>First Term.</i> | Physical Geography.
History of the United States—Scott.
Elementary Algebra—Robinson. |
| <i>Second Term.</i> | Arithmetic—Robinson.
Modern History—Labberton's Outlines.
Elementary Algebra—finished. |

Third Term. Sentential Analysis—Greene.
History of England—Smith.
Plane Geometry—Loomis.

The Preparatory Course for the College of Letters, consists of the studies given above, and also of the following:

Allen's Latin Grammar, Lessons, Reader (to p. 174) and Composition; four Orations of Cicero; Leighton's Greek Lessons; Goodwin's Greek Grammar and Reader; History of Greece and Rome, (Smith); Classical Geography and Antiquities.

NOTE.—The following three years course is recommended to students who prepare for the College of Letters:

First Year. Latin begun; Physical Geography; Arithmetic; Sentential Analysis; History of United States, Modern *Europe and *England.

Second Year. Latin, cont'd; Greek, begun; Ancient History, Geography, &c.

Third Year. Latin and Greek, cont'd; Elementary Algebra; Plane Geometry.

POST GRADUATE COURSE.

Bachelors of Art, 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 pursued this course for one year, on satisfactory examination, are entitled to the Master's Degree.

The object of this course is to secure a higher degree 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 studies as in the College course.

*Anderson's General History and History of England are recommended as substitutes for those above.

III. FEMALE COLLEGE.

The course of study in this College is similar to that in the College of Arts, and is designed to be fully equivalent to it.

In addition to the prescribed course, young ladies will be instructed in any study taught in the College of Letters or Arts, for which they are prepared. They may also attend all University lectures.

Ladies and gentlemen will unite in class exercises when, in the judgment of the Faculty, such an arrangement shall be desirable.

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.

The Female College building now in process of erection will be completed early in October; until that time 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.

The new building will be spacious and elegant, and will furnish accommodations for at least eighty students. It will also contain rooms for the accommodation of the female teachers, and for general exercises and instruction in music. This edifice, by furnishing the means of relief to apartments now overcrowded, will greatly increase the educational facilities of the University. The annual rental of furnished rooms in the new building has not yet been fixed by the Regents.

Mrs. D. E. CARSON, favorably known as Preceptress in the High School at Beloit, has been elected Preceptress in this College, and will assume the duties of her new position at the commencement of the next term.

The Department of Boarding, both in the South College building and in the new building will be under the direction of a judicious matron. Board will be furnished at \$3 per week, and no students will be allowed to board themselves in either of these buildings after the next term. Students who wish to board themselves can readily find rooms for their purpose, convenient to the University.

It is designed to give much greater attention to the Fine Arts than they have heretofore received. A thoroughly trained and skilful teacher of music will be employed, and pianos will be furnished at reasonable rates to students desiring to practice. Instruction will also be given in Drawing and Painting. A knowledge of these arts is essential to a complete education, and every necessary effort will be made to furnish the young ladies of this State the means of acquiring a finished culture.

TERMS OF ADMISSION.

COLLEGE OF ARTS.—Candidates for admission to the College of Arts are examined in the studies prescribed in the Preparatory course or their equivalent.

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 studies equivalent to them.

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

No one can be admitted to this College 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.

COLLEGE OF LETTERS.—Candidates for admission to the Freshman Class are examined in the studies recommended as a Preparatory Course, or their equivalents. It is desired that Latin and Greek be pronounced with the continental sounds of the vowels, and that Greek be pronounced according to accent. Students must show sufficient thoroughness in these studies to make it apparent that they can successfully pursue all the studies of the 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 dismissal.

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 the examination of candidates is the first day of each term.

FEMALE COLLEGE—Young ladies desiring to enter upon the first year of the following course of instruction must pass the examination required for entering the College of Arts.

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.

Ladies are admitted to the Preparatory classes on the same terms as gentlemen.

TECHNICAL COURSES.—For terms of admission to Technical Courses, see under each Department.

COURSE OF INSTRUCTION.

FRESHMAN YEAR.

College of Letters.

College of Arts.

First Term.

MATHEMATICS, - - - -	Higher Algebra begun. Loomis.
LATIN—Cicero's Philippic and Verrine Orations.	ENGLISH—Mulligan's Structure of the English Language.
GREEK—Greek Historians.	FRENCH—Otto's French Grammar.
OPTIONAL, - - - -	Scandinavian.

Second Term.

MATHEMATICS, -	Algebra completed, Solid Geometry begun. Loomis
LATIN—Livy.	ENGLISH—Mulligan completed. Craik's English of Shakspeare.
GREEK—Xenophon's Memorabilia.	FRENCH—Otto's Grammar.
	NATURAL PHILOSOPHY—Norton.

Third Term.

MATHEMATICS, -	Geometry completed. Plane Trigonometry. Loomis.
BOTANY, - -	Gray's Manual and Lessons.
GREEK—Homer's Iliad.	FRENCH—Otto's French Reader.
	NATURAL PHILOSOPHY—Norton.

Themes and Declamations throughout the year; also Latin and Greek Composition in College of Letters.

SOPHOMORE YEAR.

First Term.

MATHEMATICS, -	Conic Sections and Analytical Geometry. Loomis.
GERMAN, -	Comfort's Course.
LATIN—Horace.	SCIENCE—Agriculture, Lectures.
	Meteorology. Loomis.
LECTURES, - - - -	History of Roman Empire.

College of Letters.

College of Arts.

Second Term.

SCIENCE, - - - -	Anatomy and Physiology. Hitchcock.
	Zoology begun. Agassiz.
LATIN—Germania and Agricola of Tacitus.	MATHEMATICS—Calculus. Loomis.
GREEK—Prometheus of Aeschylus.	GERMAN—Comfort's Course.
	FRENCH—Otto's Reader.
LECTURES, - - - -	Medieval History.

Third Term.

MATHEMATICS, - - -	Spherical Trigonometry. Loomis.
LATIN—The Latin Poets.	MATHEMATICS—Surveying, etc. Loomis.
GREEK—Demosthenes de Corona.	SCIENCE—Zoology completed.
REVIEW—Latin and Greek Grammar.	GERMAN—Comfort's Course.
LECTURES—Greek and Roman Literature.	FRENCH—Fleury's Histoire de France.
LECTURES, - - - -	Modern History.

Themes and Declamations throughout the year; also Latin and Greek Composition in the College of Letters.

JUNIOR YEAR.

First Term.

CHEMISTRY, - - - -	Fownes or Barker.
MECHANICS, - - - -	Snell and Lectures.
RHETORIC, - - - -	Bain and Lectures.
GREEK—	GERMAN—Whitney's Reader.
OPTIONAL - - - -	French, Historical Geography.

Second Term.

PHYSICS, - - - -	Snell and Lectures.
HISTORY - - - -	Hallam's Middle Ages.
LATIN—The Rudens of Plautus. Harrington.	CHEMISTRY—
GREEK—The Clouds of Aristophanes. Felton.	GERMAN—Whitney's Reader.
OPTIONAL, - - - -	French.

Third Term.

ASTRONOMY, - - - -	White.
CONSTITUTIONAL AND INTERNATIONAL LAW—	
LATIN—Juvenal.	ANALYTICAL CHEMISTRY.
GREEK—Plato's Gorgias.	GERMAN—Whitney's Reader.
OPTIONAL, - - - -	French, History of Government.

FEMALE COLLEGE.

The course of studies for the Female College, is the same as that of the College of Arts, with the following substitutes allowed:

SOPHOMORE.

First Term. Elementary Rhetoric (Hart) in place of Agriculture and Meteorology.

Second Term. Elementary English Literature, (Gilman) in place of Calculus,

JUNIOR.

Third Term. German Literature in place of Analytical Chemistry.

SENIOR.

First Term. Studies in Early English (Chaucer) in place of Determinative Mineralogy; or some Elective Study, approved by the Faculty.

TABULAR VIEW *showing studies and recitations of each class for the Academical year ending June 19, 1872.*

SCHEDULE OF RECITATIONS FOR 1871-2.

FIRST TERM.

CLASS.	9-10.	10-11.	11-12.	12-1.
SENIOR	Astronomy	English Literature and Aesthetics	Mental Philosophy	
JUNIOR	Rhetoric, M., Tu., W., Th.	Mechanics	Chemistry	German, Tu., F.
SOPHOMORE .	*Agriculture and Meteorology ..	Higher Algebra finished	German	Homer, M., W. Horace, Tu., Th. History, F.
FRESHMAN..	Higher Algebra begun	Greek	Latin	
		*Mulligan, M., Tu., Th., F.	*History of U.S., Tu., W., Th., F.	*French, M., W.

SECOND TERM.

SENIOR	Geology	Logic	Moral Philosophy	
JUNIOR	History, M., W., F. Latin, Tu., Th.	Physics, M., Tu., Th., F.	*Chemistry, Tu., W., Th., F. Greek, M.	Anatomy, Physiology and Zoology, M., Tu., W., Th. *German, F.
SOPHOMORE .	Prometheus, M., W. Quintilian, Tu., Th.	Trigonometry	*German	Anatomy, Physiology and Zoology, M., Tu., W., Th. History, F.
FRESHMAN..	Higher Algebra and Solid Geometry	Greek	Latin	
		*Craik's English of Shakespeare, M., Tu., Th., F.		*Natural Philosophy, Tu., W., Th., F. *French, 2 P. M., M., W.

*College of Arts, instead of Latin and Greek.

Schedule of Recitations for 1871-2—continued.

THIRD TERM.

CLASS.	9-10.	10-11.	11-12.	12-1.
SENIOR	Science of Language, M., Tu., Th., F.....	Philosophy of Rhetoric, M., Tu., W., Th.....	Natural Theology, Tu., W., Th., F.....	History, M., W., F.
JUNIOR	Constitutional and International Law	Astronomy.....	† Latin, M., Tu., W., Th.....	* Zoology, M., Tu., W., Th. German, F. † Greek, M., Tu., W., Th.
SOPHOMORE ..	Botany, M., W., F.....	Analytical Geometry, Tu., W., Th., F.....	* German, M., Tu., Th., F..... Latin, M., Tu., W., Th.....	* Zoology, M., Tu., W., Th. Greek, M., Tu., W., Th.
FRESHMAN..	Botany, M., W., F..... * English, Tu., Th.....	Greek..... * Physical Geography, M., Tu., Th., F.....	Solid Geometry and Plane Trigonometry	Latin, Tu., Th. * French, M., W.

* College of Arts, instead of Latin and Greek.

† Elective—the student required to make a choice.

TECHNICAL COURSES.

DEPARTMENT OF AGRICULTURE.

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.

METEOROLOGY.—Dews, Frosts, Fogs, Clouds, Rain, Hail, Snow, 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. Meteorological 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.

HORTICULTURE.—Hot beds, their construction and use. Methods of propagation of plants, by layers, by cuttings, by budding or grafting, etc. Transplanting. Varieties of small fruits and the best means of cultivating them. General management of nurseries. Landscape gardening.

SECOND YEAR.

First Term.

CHEMISTRY.—The forces, Heat, Light, Electricity and Magnetism. 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, etc. 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. Care and feeding of Stock. 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, etc. 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, etc. Preparation, preservation and composition of manures. Artificial manures. Methods of improving soils by chemical means, by mineral manures, by animal manures. Chemical composition of the various crops. Chemistry of the dairy.

Third Term.

ANIMAL HUSBANDRY.—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 sometimes occurs in different parts of the course. In some cases this has been found necessary in properly arranging the studies into terms. In other cases this necessity arises from the different methods in which the same subject will be discussed; these 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.

DEPARTMENT OF ENGINEERING.

JUNIOR YEAR.

First Term.

ROADS AND RAILROADS	-	Gillespie and Lectures.
DESCRIPTIVE GEOMETRY	-	Church.
CHEMISTRY	- - -	Lectures.
TOPOGRAPHICAL DRAWING	-	Elementary Topography.
GEOMETRICAL DRAWING	-	Orthographic, Spherical, Isometric projections.
ELECTIVE	- - - -	Rhetoric, German.

Second Term.

BUILDING MATERIALS	-	Mahan and Lectures.
THEORETIC MECHANICS	-	Rankine.
ANALYTICAL CHEMISTRY	-	Qualitative.
TOPOGRAPHICAL DRAWING	-	Maps of Farm, Topographical and Hydro- graphical Surveys.
GEOMETRICAL DRAWING	-	Shades, Shadows, Perspective, Colors.
ELECTIVE	- - - -	History, German.

Third Term.

STRUCTURES	- - -	Mahan and Lectures.
PRACTICAL MECHANICS	-	Rankine.
ANALYTICAL CHEMISTRY	-	Quantitative.
ASTRONOMY	- - -	White and Lectures.
TOPOGRAPHICAL DRAWING	-	Plans, Profiles, Sections of Roads, Railroads, Canals.
GEOMETRICAL DRAWING	-	Stereotomy, Structures.
ELECTIVE	- - - -	Qualitative Analysis, Constitutional Law, Ger- man.

SENIOR YEAR.

First Term.

PRIME MOVERS	-	-	Rankine and Lectures.
GEODESY	-	-	Rankine.
MINERALOGY	-	-	Determinative.
METALLURGY	-	-	Lectures.
AESTHETICS	-	-	
GEOMETRICAL DRAWING	-		Steam Engine, other Prime Movers, Machines, Projects.
ELECTIVE	-	-	Quantitative Analysis, English Literature Science of Language.

Second Term.

BRIDGES	-	-	Haupt and Lectures.
COMBINED STRUCTURES	-		Rankine.
ASSAYING	-	-	Lectures and Practical Exercises.
GEOLOGY	-	-	Lectures,
GEOMETRICAL DRAWING	-		Bridges, Machines, Projects.
ELECTIVE	-	-	Moral Philosophy, Logic.

Third Term.

WATER ENGINEERING	-		Bresse and Lectures.
RAILROAD ENGINEERING	-		Scribner and Lectures.
ECONOMICAL GEOLOGY	-		Lectures.
GEOMETRICAL DRAWING	-		Hydraulic Motors and Works.
GENERAL REVIEW.			

Practical exercises, such as field practice, with the use of instruments, laying out railroad curves, preparing projects, with drawings and specifications of machines and structures, etc., continue through the entire course.

Theses are required for graduation.

DEPARTMENT OF MINING AND METALLURGY.

The Course of Study in this Department, will be fully arranged at the beginning of the coming Collegiate Year. Instruction will be given in the following subjects:

Descriptive Geometry.
Shades, Shadows and Perspective.
Mechanics.
Civil Engineering.
Mining Engineering.
Drawing.
Chemistry.
Qualitative Analysis.
Quantitative Analysis.
Blowpipe Analysis.
Determinative Mineralogy.
Assay of Ores.
Metallurgy.
Geology.
Economic Geology.

LAW DEPARTMENT.

First Term.

JUDGE ORTON	- -	Personal Property, Partnership, Corporations. Contracts of Sale.
PROF. CARPENTER	-	Criminal Law.
JUDGE COLE	- -	Domestic Relations.
PROF. VILAS	-	The Constitution and Jurisdiction of Courts. Common Law Pleadings.

Second Term.

JUDGE ORTON	- -	The Law Merchant, covering negotiable paper, suretyship and guaranty. Insurance. Fixtures.
PROF. CARPENTER	-	Contracts.
JUDGE ———	- -	Practice.
PROF. VILAS	- -	Equity Pleading. Pleading under the Code.

Third Term.

JUDGE ORTON	- -	The Law of Real Estate, Uses, Trusts, Powers, and Wills.
PROF CARPENTER	-	Bailment and Agency.
JUDGE DIXON	- -	Equity Jurisprudence.
PROF. VILAS	- -	Law of Evidence.

POST GRADUATE COURSE.

SECTION I. NATURAL HISTORY.

Botany.
Mineralogy.
Geology.
Mining.

II. CHEMISTRY.

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

III. MATHEMATICS.

Pure Mathematics.
Mechanics and Physics.
Astronomy.
Engineering.

IV. PHILOSOPHY AND HISTORY.

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

V. PHILOLOGY.

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

GENERAL INFORMATION.

POLICY.

It is the aim of the University to meet the educational wants of every student in the State. The courses of study as laid down are intended to be the mere outlines of work. In the optional studies and post-graduate course there is provision for all the demands of higher scholarship which are now made upon the Institution. And it is confidently expected that by the sale of lands and in other ways, provision will be made for the constant growth of the University as greater demands are made upon it.

It is advisable that students should pursue the prescribed courses if possible, adding to them as they are able, from the optional studies; but, by special vote of the Regents, the Faculty may excuse a student from any study in either course and substitute for it any other of equal educational value, such action of the Faculty being a matter of record.

The whole policy of the Institution is determined by the Regents who as a body represent the people and no particular sect or party.

GOVERNMENT.

Students are held responsible only for good order and the diligent use of their time. Those who fail to conform to this simple requirement are at once dismissed. The University is no place for idlers, for disorderly persons or for those who do not propose to give their *whole time* to the work prescribed for them by the Faculty. The loss of a single recitation not only injures the student, but those connected with him.

Leave of absence will not be granted except in cases of absolute necessity.

Each Faculty has special care of its own College or Department, but all the instructors teach wherever their services are required. Weekly reports are made by each Professor to the Faculty of the work in his own department and of all cases of delinquency.

The students and Faculty are assembled for prayers daily fifteen minutes before the morning hour for commencing recitations. At this time all public announcements are made and the President also gives directions and instruction to the students in regard to all their general duties as members of the University.

No student is required to attend any religious exercises of any kind, but all directions in regard to this matter, given by parents or guardians, will be cheerfully followed.

LECTURES.

In addition to the lectures given in connection with the recitations, some subjects are taught entirely by lectures, the students being required to take notes, and to recite upon the lectures the same as when a text-book is used.

The following are the regular courses of lectures:

To the SENIOR CLASS on Mental and Moral Philosophy, by the President; on Geology and Mining, by Prof. Irving; on English Literature, Logic and Evidences, by Prof. Carpenter; on Astronomy, by Prof. Sterling; on Comparative Philology, by Prof. Feuling; on History of Civilization, by Prof. Allen.

To the JUNIOR CLASS, on Chemistry, Physiology and Comparative Zoology, by Prof. Davies; on History, by Prof. Allen; on Civil Polity and International Law, by Prof. Parkinson; on Mechanics and Physics, by Prof. Sterling, and on Rhetoric and English Composition, by Prof. Carpenter.

To the SOPHOMORE CLASS, on Structural and Systematic Botany, by Prof. Davies; on Practical Botany and Agriculture, by Prof. Daniells, and on History by Prof. Allen.

To the FRESHMAN CLASS, on the Laws of Health and Methods of Study, by the President; on History, by Prof. Allen; and on Natural History in its relations to the Arts, by Prof. Davies.

TO SPECIAL STUDENTS, on Analytical Chemistry, by Prof. Daniells.

In addition to these courses, other Lectures are delivered on Special Subjects, by members of the Faculty and other Scientific Gentlemen.

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 equalled in very few institutions in the country.

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 the 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, upon application to the Faculty, accompanied with evidence of satisfactory proficiency, are recommended to the Regents to 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, as in the case of Master of Arts, 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 complete the prescribed course in Civil Engineering are entitled to the degree of Civil Engineer.

Students who complete the course in Mining and Metallurgy are entitled to the degree of Mining Engineer.

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 the direction of the Faculty, entitled to appropriate University degrees.

Graduates of the Female College receive the same degrees as graduates of the other colleges for the same course of study.

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.

Important additions have been made, the past year, to the means for teaching Chemistry and other Natural Sciences. As funds increase from the sale of lands, constant additions will be made to the Board of Instruction and to the means for teaching the sciences in all their applications to the Arts.

COMMERCIAL EDUCATION.

Arrangements have been made so that students in the University who desire to study any branch taught in the MADISON BUSINESS COLLEGE can do so for two-thirds the usual fees.

LITERARY SOCIETIES.

The Literary Societies—Athenæan, Hesperian and Castalian—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 have been provided and furnished at the expense of the institution for the these societies.

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

ROOMS.

Private rooms, 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.

Students will not be allowed to board themselves, except in the North Dormitory Building.

Occupants of rooms are held responsible for all damages 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.

TERMS AND VACATIONS.

The Commencement Anniversary is on the Wednesday preceding the last Tuesday of June, and is followed by a 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 third Wednesday of March. The third term commences on the second Wednesday after the close of the second term and continues till the Wednesday preceding the last Tuesday in June.

EXPENSES.

Tuition, per term.....	\$6 00
Room rent, per term, (except in new Female College Building)	2 00
Heating of public rooms, 1st and 3 terms.....	1 00
Heating of public rooms, 2d term.....	2 00

For Music, Painting and Drawing, the usual extra charge.

Payment of the above charges is required strictly in *advance*.

Students will be charged for not less than one 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 suitably qualified student from each Assembly District in the State; such pupil to be nominated by the member of the Assembly for that District.

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

CALENDAR FOR 1871-2.

FALL TERM begins August 23, 1871, and closes November 24, 1871.

WINTER TERM begins December 13, 1871, and closes March 15, 1872.

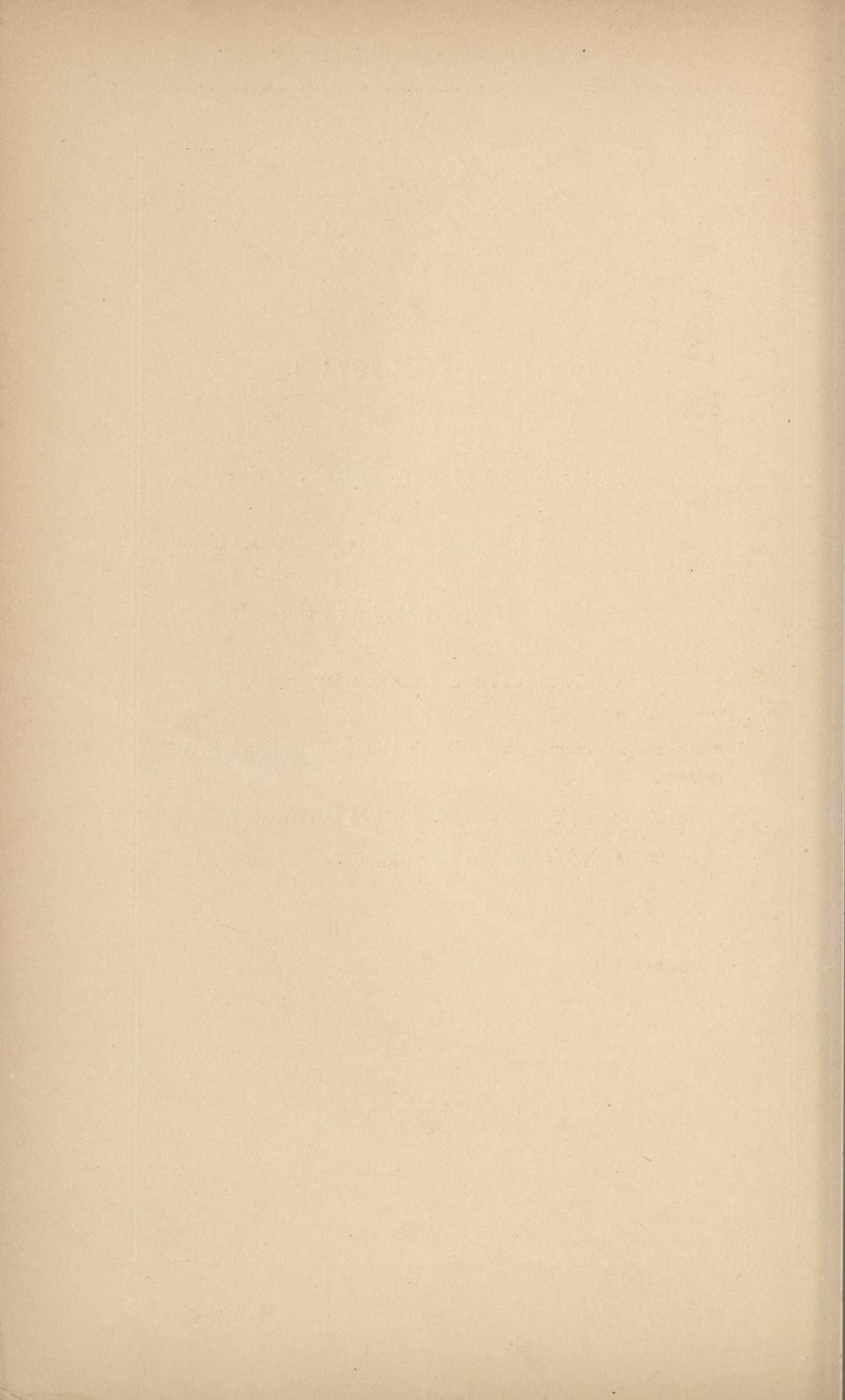
SUMMER TERM begins March 27, 1872, and closes June 19, 1872.

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 19, 1872.



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