



Catalogue of the officers and students of the University of Wisconsin, for the academic year 1876-7. 1876

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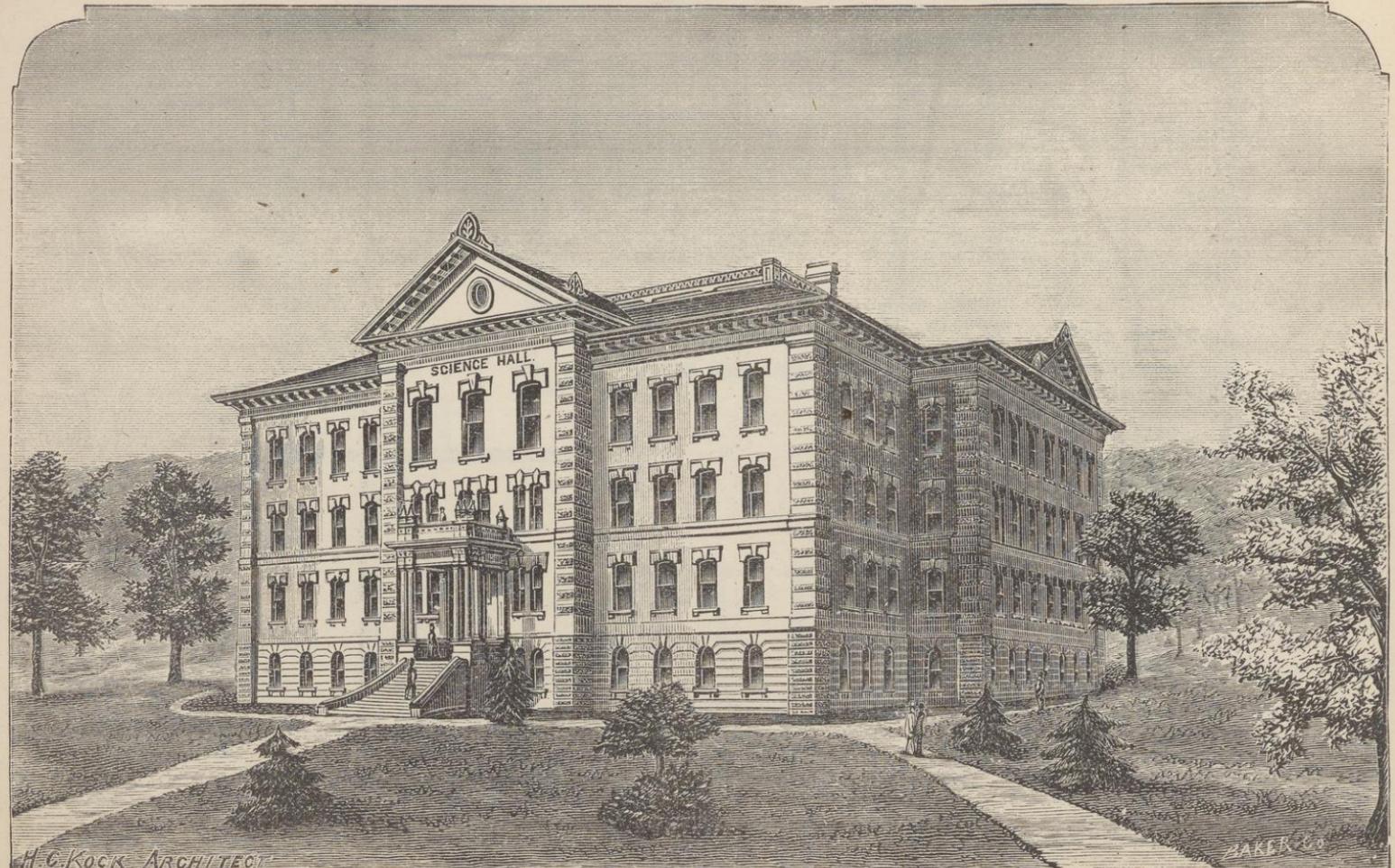
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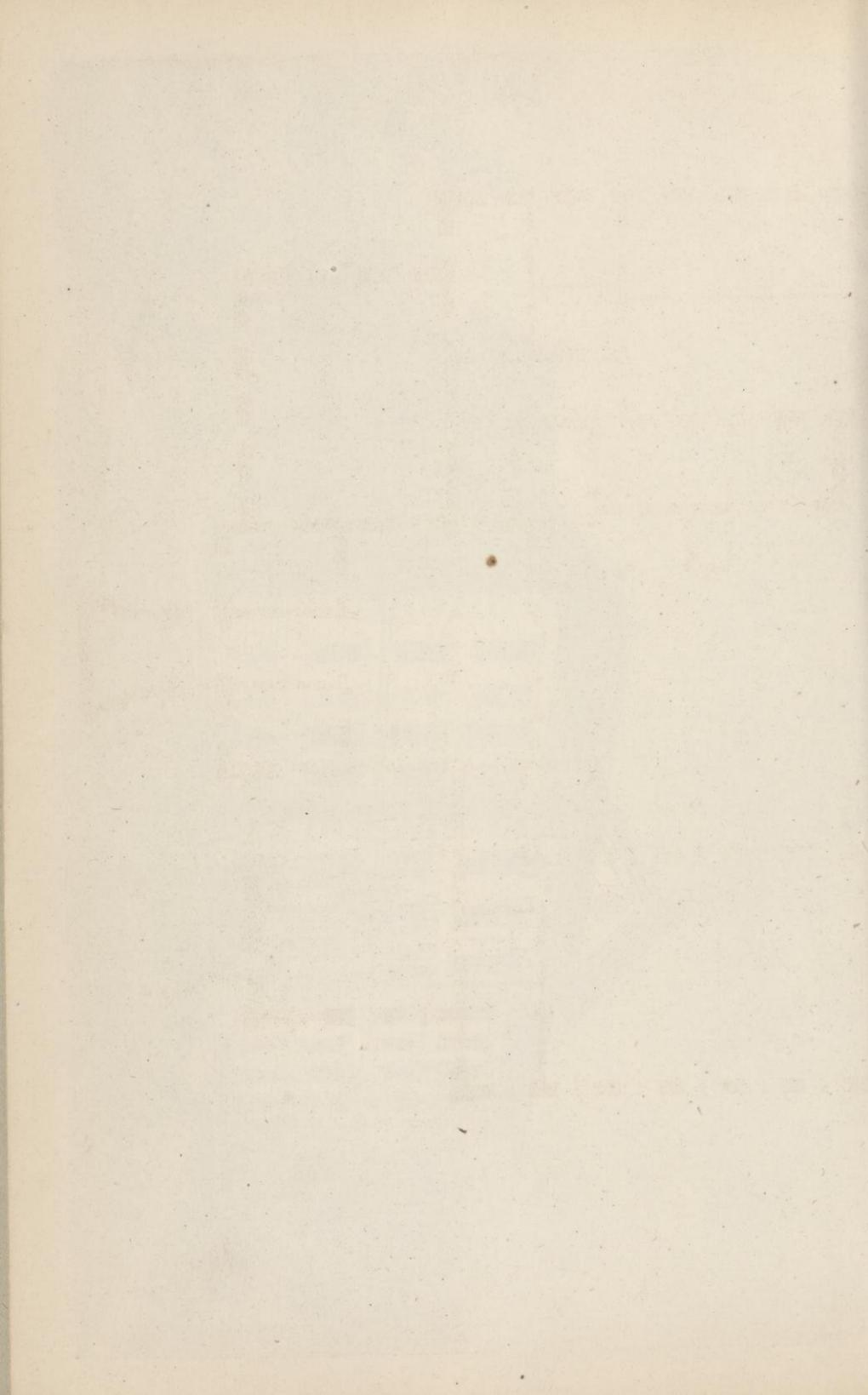
CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF THE
UNIVERSITY OF WISCONSIN,

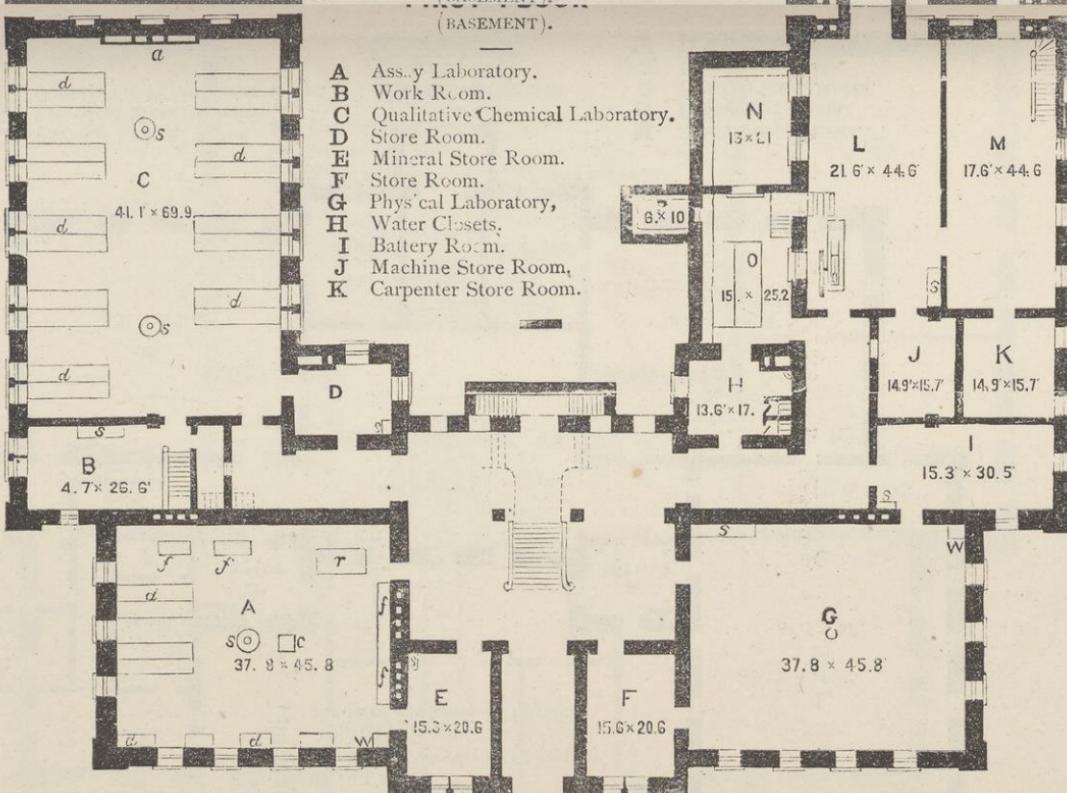
For the Academic Year, 1876-7.



H.C. KOCK ARCHITECT

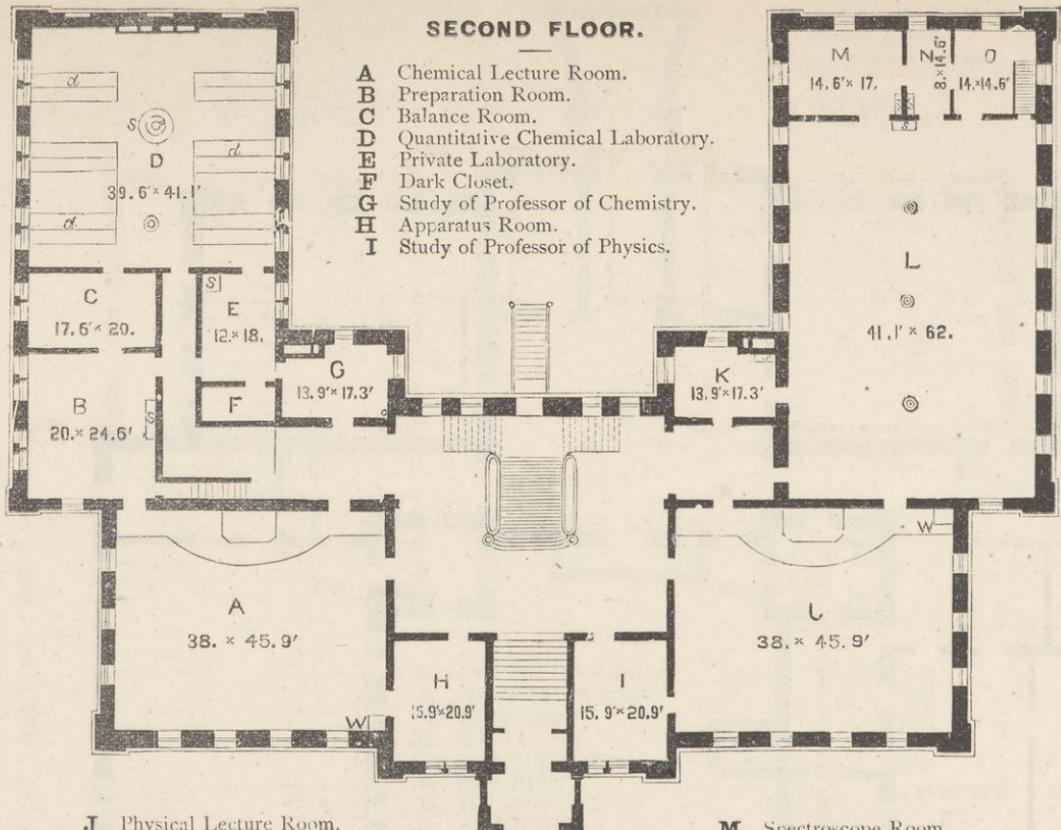
BAKER & CO





O Boiler Room.
P Ash Pit.
ss Sinks.
dd Laboratory Desks.
W Dumb Waiters.
c Ore Crushing Apparatus.

SECOND FLOOR.



J Physical Lecture Room.

K Electrical Measurements.

L Cabinet for Physical Apparatus.

ss Sinks.

M Spectroscopic Room.

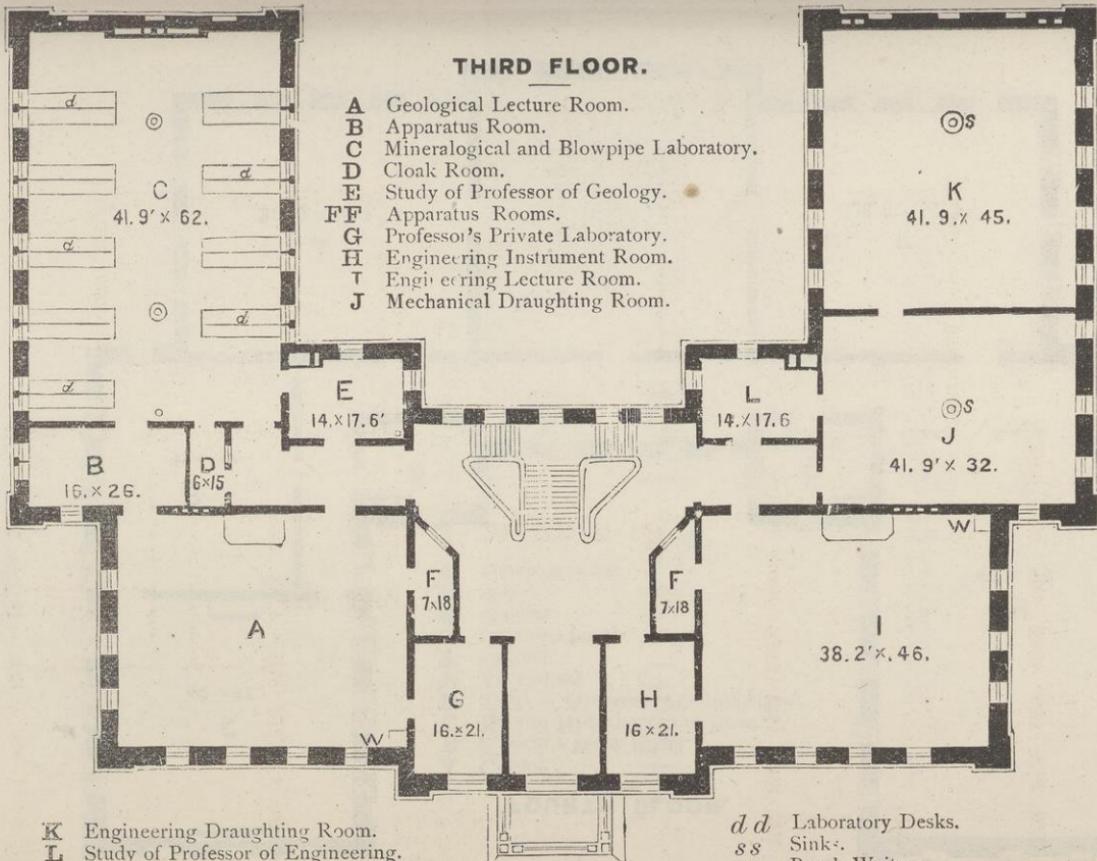
N Photometer Room.

O Physical Store Room.

dd Laboratory Desks.

W Dumb Waiters.

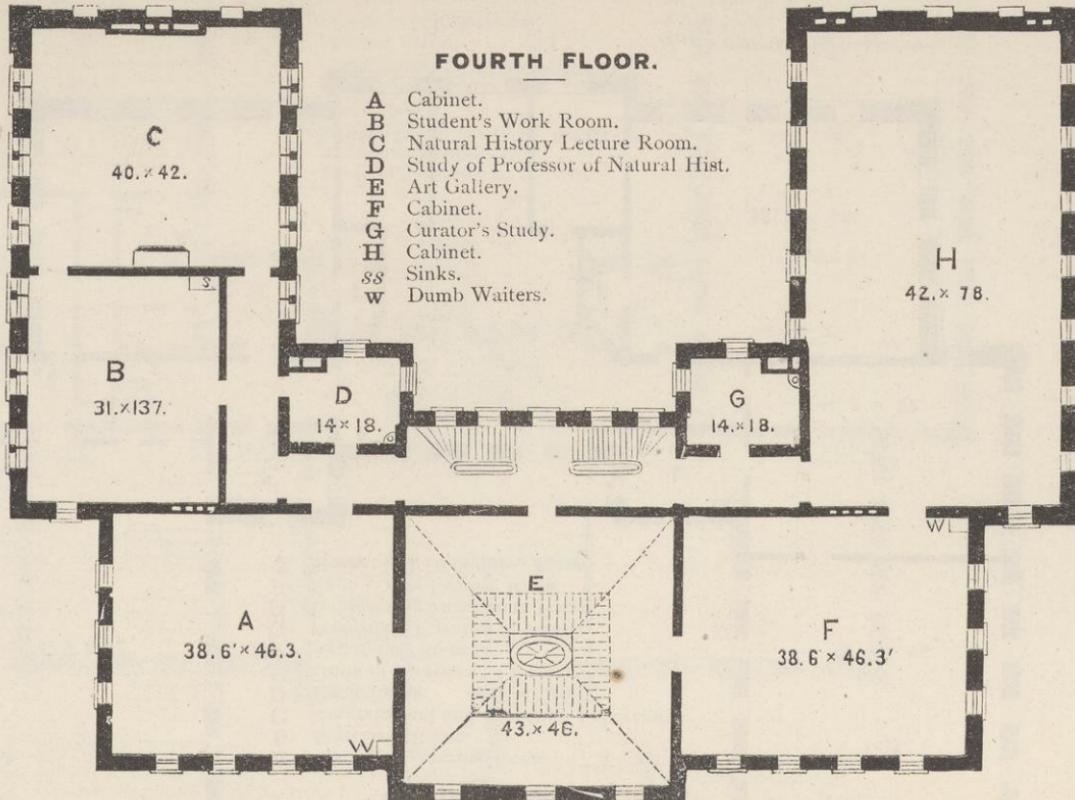
THIRD FLOOR.



K Engineering Draughting Room.
L Study of Professor of Engineering.

d d Laboratory Desks.
ss Sink.
w Dumb Waiters.

FOURTH FLOOR.



CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF THE

UNIVERSITY OF WISCONSIN,

For the Academic Year, 1876-7.

MADISON, WIS.:

DEMOCRAT PRINTING COMPANY, PRINTERS.

1876.

100 pattern of 1000

REORGANIZATION.

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 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 fitting 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 shall 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.

BOARD OF REGENTS.

STATE SUPERINTENDENT OF PUBLIC INSTRUCTION.

Ex-officio Regent.

Term expires first Monday in February, 1877.

State at Large.....	GEORGE H. PAUL.....	Milwaukee.
1st Congressional District.....	H. G. WINSLOW.....	Racine.
3d.....do.....	J. K. WILLIAMS.....	Shullsburg.
6th.....do.....	THOS. B. CHYNOWETH.....	Green Bay.

Term expires first Monday in February, 1878.

7th Congressional District.....	T. D. STEELE.....	Sparta.
5th.do.....	CONRAD KREZ.....	Sheboygan.
2d.....do.....	J. C. GREGORY.....	Madison.
4th.....do.....	M. KEENAN.....	Milwaukee.

Term expires first Monday in February, 1879.

State at Large.....	N. B. VAN SLYKE.....	Madison.
8th Congressional District.....	H. D. BARRON.....	St. Croix Falls.

OFFICERS.

GEORGE H. PAUL,
President.

JOHN S. DEAN,
Secretary.

STATE TREASURER,
Ex-officio Treasurer.

Executive Committee,

J. C. GREGORY,	N. B. VAN SLYKE,	T. D. STEELE,
	H. G. WINSLOW.	
		<i>Farm Committee,</i>
J. C. GREGORY,	M. KEENAN,	T. B. CHYNOWETH.

Committee on Library, Course of Study, and Text Books,
E. SEARING, T. D. STEELE, H. G. WINSLOW.

Committee on Law Department,
H. D. BARRON, J. K. WILLIAMS, CONRAD KREZ.

Building Committee,
N. B. VAN SLYKE, M. KEENAN, T. B. CHYNOWETH.

FACULTY AND INSTRUCTORS.

JOHN BASCOM, D.D., LL D.,
President and Professor of Mental and Moral Philosophy.

JOHN W. STERLING, PH. D.,
Vice President and Professor of Mathematics.

WILLIAM F. ALLEN, A. M.,
Professor of Latin and History.

STEPHEN H. CARPENTER, LL. D.,
Professor of Logic and English Literature.

ALEXANDER KERR, A. M.,
Professor of the Greek Language and Literature.

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

WILLIAM J. L. NICODEMUS, A. M. C. E.,
Professor of Military Science, and Civil and Mechanical Engineering.

JOHN B. PARKINSON, A. M.,
Professor of Civil Polity and International Law.

JOHN E. DAVIES, A. M., M. D.,
Professor of Astronomy and Physics.

W. W. DANIELLS, M. S.,
Professor of Agriculture and Chemistry.

ROLAND IRVING, A. M., E. M.,
Professor of Geology, Mining and Metallurgy, and Curator of Cabinet.

R. B. ANDERSON, A. M.,
Professor of Scandinavian Languages and Instructor in Greek.

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

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

J. H. CARPENTER, LL. D.,
Dean of Law Faculty.

HON. J. C. HOPKINS, Esq.,
Professor of Law.

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

I. C. SLOAN,
Professor of Law.

S. U. PINNEY, Esq.,
Professor of Law.

J. B. CASSODAY, Esq.,
Professor of Law.

JOHN M. OLIN, A. M.,
Instructor in Rhetoric and Oratory.

EDWARD A. BIRGE, A. B.,
Instructor in Natural History and Assistant Curator of Cabinet.

ALLAN D. CONOVER, C. E.,
Assistant in Civil Engineering.

MILTON R. FRENCH,
Instructor in Vocal and Instrumental Music.

MRS. D. E. CARSON,
Preceptress.

MISS S. A. CARVER,
Instructor in French and German.

MISS M. MURDOCK,
Instructor in English and Elocution.

STUDENTS.

RESIDENT GRADUATES.

<i>Name.</i>	<i>Residence.</i>	
Delia Gilman, Ph. B.,	Sun Prairie.	
Frederick S. Huntington, Ph. B.,	Marshal.	—2.

SENIOR CLASS.

ANCIENT CLASSICAL COURSE.

Brigham Bliss,	Madison.	
Charles Lowell Dudley,	Madison.	
Franklin Fisher,	Monroe.	
Howard Morris,	Madison.	
Samuel Whitney Trousdale,	Fayette.	—5.

MODERN CLASSICAL COURSE.

Alexander Craven,	Sussex.	
Mary Hill,	Madison.	—2.

COURSE IN GENERAL SCIENCE.

Carrie Belle Carpenter,	Geneva, N. Y.	
Seymour Henry Cook,	Fayette.	
Alba W. Dennett,	Prairie du Sac.	
Thomas Henry Gill,	Madison.	
Benedict Goldenberger,	Madison.	
Fred. N. Hendrix,	Elkhorn.	
Hattie Maria Hover,	Mazomanie.	
Edward Mallory Lowry,	Lancaster.	
Florence Emma Mitchell,	Mazomanie.	
Frank Moore,	Lancaster.	
Annie Augusta Porter,	Somers.	
Anson Clay Prescott,	Plymouth.	
John Chauncey Rathbun,	Gilmanton.	

Name.	Residence.	
Matilda Reul,	Mazomanie.	
Alice Stickney,	Mazomanie.	
Nellie Marian Tate,	Viroqua.	
William Elmir Todd,	Columbus.	
Samuel Marshall Williams,	Baraboo.	—18.

IN CIVIL ENGINEERING.

John F. Albers,	New Holstein.	
James Percy Paine,	Madison.	
Norman Francis Phillips,	Hudson.	
Joseph Marston Turner,	Columbus.	
James Whelan, Jr.,	Monches.	—5.

IN MINING AND METALLURGY.

William Adgate Hover,	Mazomanie.	
Henry J. Smith,	New Lisbon.	—2.
		—32.

JUNIOR CLASS.

ANCIENT CLASSICAL COURSE.

Louis Chynoweth,	Madison.	
Fred. King Conover,	Madison.	
William Adolph Germain,	Delafield.	
Culver E. Hooker,	Waupun.	
Orson Wells Ray,	Janesville.	
Henry James Taylor,	Black Earth.	—6.

MODERN CLASSICAL COURSE.

Alexander Berger,	Burlington.	
Arthur Daniel Hall,	Watertown.	—2.

COURSE IN GENERAL SCIENCE.

Charles Edwin Buel,	Sun Prairie.	
Will. Albert Corson,	Monroe.	
Harlow Warren Eaton,	Lodi.	
Walter Scott Field,	Hillsborough.	
Alice Francis Frisby,	West Bend.	
Willard Judson Fuller,	Geneva Lake.	

<i>Name.</i>	<i>Residence.</i>	
Burton Frank Gilman,	Gilmanton.	
Everett Anson Hayes,	Waterloo.	
William Evan Keeley,	Fox Lake.	
Thornton P. Lindley,	Waunakee.	
Alice Theresa Porter,	Somers.	
Nettie Louisa Porter,	Madison.	
Albert D. Prideaux,	Mineral Point.	
Frederick Byron Robinson,	Mineral Point.	
Robert George Siebecker,	Sauk City.	
Louis Edward Walker,	Lodi.	—16.

IN CIVIL ENGINEERING.

William Henry Bradley,	Madison.	—1.
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COURSE IN MECHANICAL ENGINEERING.

Ellery William Davis,	Oconomowoc.	—1.
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IN AGRICULTURE.

William West Brown,	Merton,	—1.
		—27.

SOPHOMORE CLASS.

ANCIENT CLASSICAL COURSE.

John Anderson,	Tomah.	
George Mooar Bascom,	Madison.	
Clarence Dennis,	Sharon.	
Julian Arthur Dubois,	Lake Mills.	
Archibald Durrie,	Madison.	
Oliver George Ford,	Madison.	
Howard Henry Hoyt,	Madison.	
Charles Francis Lamb,	Madison.	
Frederic George Mand,	Milwaukee.	
Harry C. Martin,	Darlington.	
David Mason,	Genesee Depot.	
Herbert Jaques Miller,	Stoughton.	
Jefferson Beard Simpson,	Shullsburg.	
Charles Gordon Sterling,	Madison.	—14.

MODERN CLASSICAL COURSE.

<i>Name.</i>	<i>Residence.</i>
Jennie Bascom,	Madison.
Edward O. Brown,	Stevens Point.
Mary Bunn,	Sparta.
Belle Case,	Baraboo.
Lulu Celeste Daniels,	La Crosse.
Waldo Emerson Fisher,	Monroe.
Emma J. Heller,	Sauk City.
Abby Wilder Jewett,	Jewett's Mills.
Katie C. Paul,	Milwaukee.
Arthur Puls,	Mayville.
Susie Adelaide Sterling,	Madison.
George Lester Voorhees,	Ludlowville, N. Y.

—12.

COURSE IN GENERAL SCIENCE.

Peter Amley,	Barnum.
Mattie Barnett,	Boscobel.
John Gilbert Conway,	Hillsborough.
Alonzo Gustin Dennett,	Sextonville.
Wilber Eugene Dennett,	Sextonville.
Otto Fred. Geiger,	Cassville.
Jay Hayes,	Waterloo.
Ida Maria Hoyt,	Hudson.
John Harvey Hutchison,	Rock Run, Ill.
Kemper Knapp,	Winneconne.
Herbert Melville Knowlton,	Waterloo.
Jessie Martha Meyer,	Lancaster.
Peter Larson Norman,	Madison.
Edward Barton Oakley,	Madison.
Joseph Fremont Peck,	Sun Prairie.
Jennie Evelyn Phelps,	Delavan.
Jermain Post,	Madison.
Edith M. Stearns,	Monroe.
John Wix Thomas,	Dodge's Corners.

—19.

IN CIVIL ENGINEERING.

Paul Blount,	Byron, Ill.
Sam. Henderson Lamar,	Darlington.
Charles Lapham,	Oconomowoc. —3.

IN MINING ENGINEERING.

<i>Name.</i>	<i>Residence.</i>
Clarence Benj. Stevens,	Salt Lake City, Utah.
	—1.

FRESHMAN CLASS.

ANCIENT CLASSICAL COURSE.

Don Thompson Fargo,	Lake Mills.
Henry Baird Faville,	Madison.
Henry Decker Goodwin,	Milwaukee.
Euphemia J. Henry,	Madison.
George Hofstetter,	Sabula, Iowa.
John Thomas Morgans,	Plain.
Lewis Ostenson,	Alderly.
Alfred Patek,	Milwaukee.
Stanley Proudfit,	Madison.
Alvin Franklin Grote,	Monroe.
Frank S. Sawyer,	Oconomowoc.
Philip Daniel Schunck,	Merton.
Alfred Durrell Smith,	Sun Prairie.
Darwin Milford Smith,	Sun Prairie.
Ole Urdahl,	West Middleton.
Henry Ogden Wilkinson,	Madison. —16.

MODERN CLASSICAL COURSE.

Edith Jane Crosse,	Sun Prairie.
Maria Morrison Dean,	Madison.
Sarah R. Dudgeon,	Madison.
Edward Francis Gleason,	Waukesha.
Carrie Lucretia Howe,	Madison.
Hattie Huntington,	Madison.
Julia Maria Johnson,	Madison.
Louise Martiu,	Darlington.
Annette Bartine Nelson,	Madison.
Sidney Wayne Richardson,	Brodhead.
Frederick William Roggenbau,	Racine.
Andrew Lewis Rothe,	Nora. —12.

IN GENERAL SCIENCE.

<i>Name.</i>	<i>Residence.</i>
Merton Augustus Anderson,	Janesville.
Eli N. Bailey,	Postville, Iowa.
Albert H. Burns,	Grand Rapids.
Margaret J. Coyne,	Madison.
Edward L. Everingham,	Milwaukee.
Horace Clarence Gibbs,	Pardeeville.
Stella E. Ford,	Madison.
James Hamilton Gray,	Darlington.
Jay William Hicks,	Eureka.
Annie Isabella Horne,	Genessee.
Charles Hudson,	Madison.
Frank Reynolds Huntington,	Madison.
James Gardiner Johnston,	Milwaukee.
W. H. Lindwurm, Jr.,	Milwaukee.
Lars E. Lynne,	Madison.
Henry Freeman Mason,	Madison.
Leon McDonald,	Lockport, Ill.
George Edward Morgan,	Madison.
Mary Agnes Nelson,	Manitowoc.
Leonora Northrop,	Madison.
Michael Harrison O'Connell,	Erin.
Louis William Pierce,	Milwaukee.
Carrie Weland Potter,	Baraboo.
Andrew E. Proudfit,	Madison.
Myron G. Rood,	Stevens Point.
Hiram Norton Sager,	Lockport, Ill.
Charles Goodrich Shipman,	Chicago, Ill.
Edwin Coly Smith,	Wauwatosa.
Lynn Boyd Squier,	Trempealeau.
Magnus Swenson,	Janesville.
George S. Thompson,	Appleton.
Etna J. Wiswall,	Prairie du Sac —32.

SUB-FRESHMAN CLASS.

ANCIENT CLASSICAL COURSE.

<i>Name.</i>	<i>Residence.</i>
Edward Brady,	Rio.
Florence Campbell,	Madison.
Flora Rosetta Carr,	Madison.
Charles Henry Carter,	Monroe.
Effie Grace Covert,	Clinton.
John Milton Dodson,	Berlin.
Lynford S. Getts,	Fitchburg.
James Sheldon Ingalls,	Reedsburg.
William Henry Jacobs, Jr.,	Madison.
Hans S. Peterson,	Scandinavia.
Frank Monroe Porter,	Madison.
Henry Lewis Richardson,	Berlin.
John Tenney,	Chicago, Ill.
Joseph Meyer Witmer,	Juda. —14.

MODERN CLASSICAL COURSE.

Iver Amundson,	Rushford, Minn.
Charles Bamford,	Plymouth.
James Brady,	Rio.
Edmund J. Collins,	Verona.
Romaine Elliot Davis,	Allen's Grove.
Rose Gifford,	Reedsburg.
Helen M. Gillett,	Springfield.
Stephen Warren Gilman,	Sun Prairie.
William Herbert Goodell,	Lodi.
Jens Berger Gulsten,	Madison.
Otto Hottelman,	Manitowoc.
George Keenan, Jr.,	McFarland.
William J. Moroney,	Richland Centre.
Edward Jerome Murphy,	Pine Bluff.
Charles Ohlerking, Jr.,	Highland.
Julius Emil Olsen,	Madison.
Mary Grant O'Sheridan,	Madison.
Edward Henry Ozman,	Janesville.
Charles Sumner Parker,	Pleasant Valley.

<i>Name.</i>	<i>Residence.</i>
William Piper,	Madison.
Bradley Phillips, Jr.,	Hudson.
Wilson Schunck,	Sharon.
Edward Benjamin Steensland,	Madison.
Warner Bryant Strong,	Baraboo.
Frank Miller Sutherland,	Syene.
Janet M. Tappan,	Madison.
William George Thwaites,	Milwaukee.
Charles Robinson Warren,	Madison.
Samuel Wilfred Wheeler,	Superior.
Charles Vining White,	La Crosse.
Alvin Webster Wohlford,	Orangeville, Ill.
Carrie Elizabeth Young,	Reedsburg. —32.

COURSE IN GENERAL SCIENCE.

Paul William Browne,	Waupaca.
Helen Louise Clark,	Madison.
Guy Luther Cole,	Watertown.
Irenacus T. Crisler,	Madison.
William Henry Earles,	Kellnersville.
Charles Fremont Geer,	La Crosse.
Lester Geer,	Melrose.
Alva Jarrie Grover,	Wauwatosa.
Thomas Williamson Haight,	Syene.
Carrie Keenan,	McFarland.
Edna Amanda Kelley,	Marshal.
Byron Cook Lamont,	Verona.
Daniel O. Mahoney,	Windsor.
Nelson Harrington McGregor,	Milwaukee.
Walter Hoppen Neilson,	Good Hope.
James O'Connor,	Hartford.
Clarence Henry Palmer,	Westboro.
Byron B. Park,	Stevens Point.
Orin R. Pomroy,	Edgerton.
Anna Estella Smart,	Manitowoc.
Louise Stuart,	Baraboo.
Harry Brown Sturtevant,	Delevan.
Thomas Henry Synon,	Fitchburg.
Arthur Levant Travis,	Syene.

<i>Name.</i>	<i>Residence.</i>
Lillie Martha Webber,	Walworth.
James Edgar Wood,	Savannah, Ill. —26.
	—72.

STUDENTS IN SPECIAL STUDIES.

William Clayton Albertson,	Rockford, Ill.
Alfred H. Anderson,	La Crosse.
William S. Bliss,	Ryron.
Clara Luella Boyce,	Madison.
Lizzie Bright,	Madison.
Albert Broker,	Little Prairie.
Frank Benton Brundage,	Grand Rapids.
Henry E. Combacker,	Somerset.
Bertha Elizabeth Cook,	Columbus.
Mary Seabury Dean,	Madison.
Nelson Dunn Dewey,	Madison.
Clara Leila Dietrich,	Cairo, Ills.
Anna Beck Dinsdale,	Madison.
Gertrude Evelyn Dubois,	Lake Mills.
Lizzie Duncan,	Madison.
Almah Jane Frisby,	West Bend.
William Thomas Gilman,	Belvidere, Ill.
Bernard R. Grogan,	Elkhart Lake.
Mary Frances Hall,	Hudson.
Samuel Albert Harper,	Hazel Green.
Nellie Louise Hatch,	New Lisbon.
Alvirus Nelson Hitchcock,	Fennimore.
Judson Elijah Hoyt,	Menomonee Falls.
Henry Seward Hulse,	Johnstown.
D. Bartlett Jencks,	Highland.
George Kane,	Belleville.
Sophie Klauber,	Madison.
Rachel Klauber,	Madison.
Jennie Mary Knowlton,	Waterloo.
William E. Kollock,	Madison.
Aaron Ludwig Kumlein,	Albion.

<i>Name.</i>	<i>Residence.</i>
Robert Marion La Follette,	Madison.
Bertha Clarissa Lewis,	Madison.
Frederick W. Loomis,	Portage.
John J. McAnaw,	York.
Lavinia Alice Mills,	Hazel Green.
Susan Ann Mills,	Hazel Green.
Nettie C. Mills,	Baraboo.
William Edward Morgan,	Madison.
William Daniel Murphy,	Waunakee.
Jennie Belle Northrop,	Madison.
Julia A. Otis,	Hudson.
Edward J. Paul,	Milwaukee.
William James Pearce,	Dodgeville.
Josiah Washington Peck,	Walkerville, Iowa.
Emma Kate Porter,	Sandwich, Ill.
Ida O. Powell,	River Falls.
Harry L. Smith,	Milwaukee.
Lizzie C. Smith,	New Lisbon.
Barney Hoskinett Standish,	Evansville.
Charles Bion Swan,	Monroe.
Rosa Trautman,	Sauk City.
Viola Imogene Troy,	Monroe.
Maggie Vaupell,	Madison.
William Windsor, Jr.,	Madison.
Herbert Charles Wood,	Clinton.
Paul H. Wood,	Madison.

LAW STUDENTS.

<i>Name.</i>	<i>Residence.</i>
Homer William Bingham,	Monroe.
Henry Hale Curtis,	Mauston.
Chester Augustus Caswell,	Fort Atkinson.
Garret Conover, Jr.,	Madison.
John Jasper Fruit,	La Crosse.
Frank W. Hall,	Medina.
Ledyard Park Hale, B. S.,	Canton, N. Y.
Willis Wilson Haseltine,	Flandreau, Dakota.
Mons Pederson Jerdee,	Madison.
John Taylor Kean,	Whitewater.
P. V. Lawson,	Menasha.
William F. McArthur,	Appleton.
Herman Pfund,	La Crosse.
Frank E. Purple,	Stevens Point.
William F. White,	Manitowoc.
Rinaldo Flavius Wilbur,	Madison.
John Todd Yule,	Portage.

—17.

SUMMARY.

RESIDENT GRADUATES,	2
SENIOR CLASS—	
Ancient Classical,	5
Modern Classical,	2
Scientific,	18
Civil Engineering,	5
Mining and Metallurgy,	2
	— 32
JUNIOR CLASS—	
Ancient Classical,	6
Modern Classical,	2
Scientific,	16
Civil Engineering,	1
Mechanical Engineering,	1
Agriculture,	1
	— 27
SOPHOMORE CLASS—	
Ancient Classical,	14
Modern Classical,	12
Scientific,	19
Civil Engineering,	3
Mining Engineering,	1
	— 49
FRESHMAN CLASS—	
Ancient Classical,	16
Modern Classical,	12
Scientific,	32
	— 60
SUB-FRESHMAN,	
Ancient Classical,	14
Modern Classical,	32
Scientific,	26
	— 72
SPECIAL STUDENTS,	
	57
LAW STUDENTS,	
	17
Total,	
	316

I. COLLEGE OF ARTS.

The College of Arts is organized under the following section of the General Laws of 1866, Ch. 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 fitting 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 shall 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 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 courses of study are 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 re-organization.

The College embraces the Departments of General Science, Agriculture, Civil Engineering, Mechanical Engineering, Mining and Metallurgy, and Military Science.

DEPARTMENT OF GENERAL SCIENCE.
FRESHMAN YEAR.

FIRST TERM.

Mathematics—Higher Algebra. Loomis.
English—Anglo-Saxon, and English Analysis.
German—Whitney's Grammar and Reader.
Optional—Norse.

SECOND TERM.

Mathematics—Solid Geometry. Loomis.
English—Carpenter's English of the XIVth Century.
German—Schiller.
Optional—Norse.

THIRD TERM.

Mathematics—Plane Trigonometry and its Applications. Loomis.
Botany—Gray's Manual.
German—Lessing.
Themes and Declamations throughout the year; also, German Composition.

SOPHOMORE YEAR.

FIRST TERM.

Conic Sections and Analytical Geometry—Loomis.
Practical Surveying—[Six weeks].
Rhetoric—Abbott's How to Write Clearly. [Nine weeks].
History.
Optional—French.
Optional—Icelandic.

SECOND TERM.

Zoology—Orton.
Analytical Geometry and Calculus—Loomis.
Rhetoric—Abbott's English Lessons. [Four weeks].
Crystallography—Lectures. [Eight weeks].
Optional—Icelandic.

THIRD TERM.

Calculus—Loomis.
Zoology—completed.
German—Goethe.
Optional—History and French Literature.
Composition and Conversational Exercises in French and German throughout the year.

JUNIOR YEAR.

FIRST TERM.

Mechanics—Peck and Lectures.*Chemistry*—Thorpe, Lectures, and Laboratory Practice.*English Literature*—Shaw and Lectures.

SECOND TERM.

Physics—Deschanel and Lectures.*Chemistry*—Thorpe, Lectures, and Laboratory Practice.*History*—Hallam's Middle Ages, and Lectures.

THIRD TERM.

Physics—Deschanel and Lectures.*Mineralogy*.*Analytical Chemistry*.—Laboratory Practice.

SENIOR YEAR.

FIRST TERM.

Mental Philosophy—Bascom and Lectures.*Spherical Trigonometry and Astronomy*—Loomis.*Geology*—Dana and Lectures.*Lectures*—Science of Language.*Optional*—Metallurgy, Assaying.

SECOND TERM.

Moral Philosophy—Hickok.*Natural Theology*—Chadbourne.*Logic*—Deductive, Jevons and Lectures.*Political Economy*—Walker and Lectures.*International Law*—Lectures.

THIRD TERM.

Æsthetics—Bascom.*Logic*—Inductive—Fowler and Lectures.*Constitutional Law*—Story and Lectures.*Optional*—Economic Geology.

DEPARTMENT OF AGRICULTURE.

It is the design of the University to give in this Department a thorough and extensive course of scientific instruction, in which the leading studies shall be those that relate to agriculture. The instruction in this course will be given with constant reference to its practical applications, and the wants of the farmer.

The University farm is used to aid this department in conducting experiments in Agriculture and Horticulture.

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

The analytical laboratories are connected with this department.

COURSE OF STUDY.

FRESHMAN AND SOPHOMORE YEARS.

Same as the course in the Department of General Science.

JUNIOR YEAR.

FIRST TERM.

Mechanics—Peck and Lectures.

Drawing—Mapping farm.

Chemistry—Thorpe, Lectures, and Laboratory Practice.

English Literature—Shaw and Lectures.

SECOND TERM.

Agriculture—General Farm Economy, Mixed Husbandry, Special Farming; Natural History; Breeding and Care of Farm Animals; Characteristics of different breeds; beneficial and injurious insects.

Materials Used in Building.

Physics—Deschanel and Lectures.

Chemistry—Lectures and Laboratory Practice.

THIRD TERM.

Agricultural 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 orchards and nurseries. Landscape Gardening. Forestry.

Veterinary Science.

Analytical Chemistry.

Physics—Deschanel and Lectures.

Architecture—Drafting Farm Buildings.

SENIOR YEAR.

FIRST TERM.

Analytical Chemistry—Quantitative.

Mental Philosophy—Bascom and Lectures.

Geology—Dana and Lectures.

History of Agriculture.

SECOND TERM.

Agricultural Chemistry—Soils, etc.

Political Economy—Walker and Lectures.

Logic—Deductive, Jevons and Lectures.

International Law—Lectures.

THIRD TERM.

Agricultural Chemistry—Food, etc.

Road Building.

Draining and Draining Engineering.

Economic Geology.

Two original papers, each on the relation of some branch of science to Agriculture, will be required during the Senior Year.

DEPARTMENT OF CIVIL ENGINEERING.

The object of this department is to give students such instruction in the theory and practice of Engineering as to fit them, after a moderate amount of work in the field, to fill the most responsible positions in the profession of the Civil Engineer.

The requirements for commencing the course are the same as those for entering the Sophomore Class of the Department of General Science.

Drawing instruments required will cost from \$15 to \$30. Students are advised, for obvious reasons, not to purchase any until they can do so under direction of the Professor.

The course embraces lectures, recitations, field and laboratory practice, and drawing exercises.

Under the head of Descriptive Geometry, instruction is given in both Elementary and Higher Plane Problems, Shades, Shadows, and Perspective.

Stereotomy is taught in the drawing room. Drawing serves not only to illustrate subjects taught in the lecture room, but also to supply such necessary instruction as is not there given.

Great stress is laid upon the proper use of the instruments, and as much time as possible is devoted to field practice. In addition to this, students are required to visit, in company with the Professor, such works as are accessible, and during the summer vacation to prepare a memoir on some selected subject.

The following are given as specimens of the projects for which the degree of Civil Engineer has been conferred:

Designs and specifications for Water Works for the City of Madison, Wis.

The effect produced on rivers by the erection of Wing Dams for their improvement.

Report of surveys made for a Narrow Gauge Railway from Madison to East Middleton, State of Wisconsin.

COURSE OF STUDY.

SOPHOMORE YEAR.

FIRST TERM.

Descriptive Geometry—Church and Lectures.

Conic Sections and Analytical Geometry—Loomis.

Practical Surveying and Rhetoric.

Drawing—Descriptive Geometry Problems.

SECOND TERM.

Analytical Geometry and Calculus—Loomis.

Zoology—Orton.

Rhetoric and Crystallography

Drawing—Mapping by the Polyconic and other methods.

THIRD TERM.

Stereotomy—Warren and Lectures.

Calculus—Loomis.

German—Goethe.

Drawing—Stereotomy Problems.

JUNIOR YEAR.

FIRST TERM.

Elements of Mechanics—Peck and Lectures.

General Chemistry—Thorpe, Lectures and Laboratory Practice.

Drawing—Topographical and Geometrical.

SECOND TERM.

Physics—Deschanel and Lectures.

Strength of Materials—Wood and Lectures.

Analytical Chemistry—Laboratory Practice and Lectures.

THIRD TERM.

Geodesy and Railroad Engineering.

Physics—Deschanel.

Mineralogy—Determinative.

Drawing—Architectural.

VACATION WORK.

Memoir on some selected subject.

SENIOR YEAR.

FIRST TERM.

Prime Movers—Rankine and Lectures.

Mental Philosophy—Bascom and Lectures.

Geology—Dana and Lectures.

Drawing—Steam Engine and other Prime Movers.

SECOND TERM.

Theory of Structures—Rankine and Lectures.

Logic—Jevons.

Metallurgy—Lectures.

Drawing—Bridges.

THIRD TERM.

Water Engineering—Rankine and Lectures.

Economic Geology—Lectures.

Constitutional Law—Story and Lectures.

Drawing—Drawings to accompany Thesis.

Practical exercises, with the use of the instruments, and the preparation of projects of machines and structures continue through the entire course.

Theses are required for graduation.

DEPARTMENT OF MINING AND METALLURGY.

The object of this department is to furnish instruction in those branches of science a thorough knowledge of which is essential to the intelligent Mining Engineer or Metallurgist.

It is designed to give the student the option of making either Mining Engineering or Metallurgy the most important part of his course. To this end the following parallel courses have been laid out.

To render the instruction as practical as possible, visits will be made with the Professor of Mining and Metallurgy to various metallurgical works and mines, and during the long vaca-

tion students are required to prepare a memoir on some selected subject.

Well equipped laboratories are provided for practical instruction in Assaying, Analytical Chemistry, and Determinative Mineralogy. Collections of minerals, ores, rocks, fossils, and technical products are available to the students, and are constantly increased. In some particulars this department of the University has facilities obtainable at only one or two other western institutions.

Students will be allowed to take any part of the course for which they are fitted.

To enter this course a thorough knowledge of all the studies pursued by the Freshman Class of the College of Arts will be required.

COURSE OF STUDY.

SOPHOMORE YEAR.

[Same course as in Civil Engineering.]

JUNIOR YEAR.

FIRST TERM.

<i>Mining Engineering.</i>		<i>Metallurgy.</i>
<i>Astronomy</i>	- - -	<i>Loomis.</i>
<i>Chemistry, Inorganic,</i>	- - -	<i>Thorpe, Lectures and Laboratory Practice.</i>
<i>Elements of Mechan'cs</i>	- - -	<i>Peck.</i>
<i>Drawing,</i>	- - -	<i>Topographical and Geometrical.</i>

SECOND TERM.

<i>Metallurgy,</i>	- - -	<i>Lectures.</i>
<i>Mechanics</i> —Rankine.	- - -	<i>Physics</i> —Deschanel.
<i>Physics.</i>	- - -	<i>Analytical Chemistry</i> —Qualitative.
<i>Drawing,</i>	- - -	<i>Shades, Shadows, Perspective.</i>

THIRD TERM.

<i>Mineralogy,</i>	- - -	<i>Determinative.</i>
<i>Physics,</i>	- - -	<i>Deschanel.</i>
<i>Analytical Chemistry,</i>	- - -	<i>Qualitative.</i>
<i>Drawing,</i>	- - -	<i>Furnaces, Machines, etc.</i>

SENIOR YEAR.

FIRST TERM.

<i>Geology,</i>	Lectures.
<i>Mental Philosophy,</i>	Bascom and Lectures.
<i>Mining Engineering—</i>	<i>Assaying.</i>
Lottner and Lectures.	<i>Metallurgy—Lectures.</i>
<i>Drawing,</i>	Furnaces, Machines, etc.

SECOND TERM.

<i>Metallurgy,</i>	Lectures.
<i>Mining Engineering—</i>	<i>Quantitative Analysis.</i>
Lottner and Lectures.	
<i>Mineralogy,</i>	Lectures
<i>Drawing,</i>	Mining Machinery.

THIRD TERM.

<i>Economic Geology,</i>	Lectures.
<i>Railroad Engineering.</i>	
<i>Water Engineering,</i>	Rankine.
<i>Constitutional Law.</i>	<i>Quantitative Analysis.</i>

DEPARTMENT OF MECHANICAL ENGINEERING.

The instruction in this department is comprised under three heads: First, lectures and recitations in the lecture room; second, exercises in the drawing room; third, workshop practice.

The requirements for entering this course are the same as for entering the Sophomore Class, of the Department of General Science.

COURSE OF STUDY.

SOPHOMORE YEAR.

[Course same as in Civil Engineering.]

JUNIOR YEAR.

FIRST TERM.

Mechanics—Peck and Lectures.

General Chemistry—Thorpe, Lectures and Laboratory Practice.

English Literature—Shaw and Lectures.

Drawing—Geometrical.

SECOND TERM.

Mechanics of Engineering—Rankine.

Physics—Deschanel and Lectures.

Building Materials—Lectures.

Analytical Chemistry—Laboratory Practice.

Shop Work.

THIRD TERM.

Mechanics of Engineering—Rankine.

Physics—Deschanel.

Mineralogy—Determinative.

Drawing—Machines.

Shop work.

SENIOR YEAR.

FIRST TERM.

Prime Movers—Rankine and Lectures.
Mental Philosophy—Bascom and Lectures.
Astronomy—Loomis.
Architecture—Lectures.
Drawing—Projects.
Shop work.

SECOND TERM.

Mechanical Engineering—Lectures and Recitations.
Metallurgy—Lectures.
Geology—Lectures.
Drawing—Projects.
Shop work.

THIRD TERM.

Mechanical Engineering—Lectures and Recitations.
Economic Geology—Lectures.
Constitutional Law—Story and Lectures.
Drawing—Projects.
Shop work.
Theses are required for graduation.

DEPARTMENT OF MILITARY SCIENCE.

The object of this department is to fit its graduates to perform the duties of subaltern officers in the Regular Army.

The following are the text-books used in this department:

Smith's Topography.
Mahan's Military Engineering.
Mahan's Advanced Guards, Outposts, etc.
Benet's Military Law and Practice of Courts Martial.
Benton's Ordnance 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.

The Board of Regents, at its annual session, 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.

All graduates of this course receive a suitable diploma.

Military drill is required of all able-bodied male members of the Sophomore and Freshman Classes, who must provide themselves with the prescribed uniform. 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.

Those joining the Battalion will be subject to all the Rules and Regulations, and cannot withdraw without special action of the Faculty. The following are the Rules and Regulations for the government of the

UNIVERSITY BATTALION.

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 preceding 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 dresss, 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; turnover collar; three small buttons on the cuff; pockets on the inside; top button on the 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; in Skirmish Drill and Target Practice.

COLLEGE OF LETTERS.

DEPARTMENT OF ANCIENT CLASSICS.

The course embraces the Ancient Classics, Mathematics, Natural Science, English Literature, and Philosophy, and is intended to be fully equivalent to the regular course in the best classical colleges in the country.

COURSE OF STUDY.

FRESHMAN YEAR.

FIRST TERM.

Mathematics—Higher Algebra, Loomis.

Latin—Livy and Latin Composition.

Greek—Homer's *Odyssey* Grammar and Composition.

Optional—Norse.

SECOND TERM.

Mathematics—Solid Geometry. Loomis.

Latin—Cicero de *Officiis*. Composition.

Greek—Herodotus. Grammar and Composition.

Optional—Norse.

THIRD TERM.

Mathematics—Plane Trigonometry and its Applications.

Botany—Gray's Manual.

Greek—Thucydides. Grammar and Composition.

Optional—Latin.

Themes and Declamations throughout the course.

SOPHOMORE YEAR.

FIRST TERM.

Conic Sections—Loomis. [Six weeks].*Rhetoric*—Abbott's How to Write Clearly. [Nine weeks].*Latin*—Horace. [Six weeks].*History*—[Nine weeks].*French*.*Optional*—Greek.

SECOND TERM.

Zoology—Orton. [Eight weeks].*Rhetoric*—Abbott's English Lessons. [Four weeks].*Greek*.—Demosthenes.*French*.*Optional*—Latin.

THIRD TERM.

Latin—Tacitus.*Greek*—Tragedies. Goodwin's Moods and Tenses.*Anglo-Saxon*—Carpenter's Reader.

JUNIOR YEAR.

FIRST TERM.

Mechanics—Peck and Lectures.*Chemistry*—Thorpe and Lectures.*English Literature*—Shaw and Lectures.*Optional*—Greek.

SECOND TERM.

Physics—Deschanel and Lectures.*History*—Lectures.*Greek*—Plato—Apology and Crito.*Optional*—Latin.

THIRD TERM.

Physics—Deschanel and Lectures.*Latin*—Quintilian or Juvenal.*Comparative Philology*—Papillon and Lectures.

SENIOR YEAR.

FIRST TERM.

Mental Philosophy—Bascom and Lectures.

Geology—Dana and Lectures.

Spherical Trigonometry and Astronomy—Loomis.

SECOND TERM.

Moral Philosophy—Hickok.

Natural Theology—Chadbourne.

Logic, Deductive—Jevons and Lectures.

Political Economy—Walker and Lectures.

International Law—Lectures.

THIRD TERM.

Aesthetics—Bascom.

Constitutional Law—Story and Lectures.

Logic, Inductive—Fowler.

History of Civilization—Lectures.

DEPARTMENT OF MODERN CLASSICS.

In this course German and French take the place of Greek. The studies are arranged to give students a good knowledge of those languages and their literature, to fit them to engage in the duties of instruction, or to prosecute to advantage professional studies.

COURSE OF STUDY.

FRESHMAN YEAR.

FIRST TERM.

Mathematics—Higher Algebra. Loomis.

Latin—Livy and Latin Composition.

German—Whitney's German Grammar and Reader.

Optional—Norse.

SECOND TERM.

Mathematics—Solid Geometry. Loomis.
Latin—Cicero de Officiis. Composition.
German—Schiller.
Optional—Norse.

THIRD TERM.

Mathematics—Plane Trigonometry and its Applications.
Botany—Gray's Manual.
German—Lessing.
Optional—Latin.
Themes and Declamations throughout the course; also French and German Composition.

SOPHOMORE YEAR

FIRST TERM.

Conic Sections—Loomis. [Six weeks].
Rhetoric—Abbott's How to Write Clearly. [Nine weeks].
History—Swinton's Outlines. [Nine weeks].
Latin—Horace. [Six weeks].
French—Grammar.
Optional—Icelandic.

SECOND TERM.

Zoology—Orton. [Eight weeks].
Abbott's English Lessons.—[Four weeks].
French—Select Prose and Poetry.
German.—Goethe.
Optional—Icelandic.

THIRD TERM.

Latin—Tacitus.
Anglo-Saxon—Carpenter's Reader.
German—Goethe.
Optional—History of French Literature.

JUNIOR YEAR.

FIRST TERM.

Mechanics—Peck and Lectures.*Chemistry*—Thorpe and Lectures.*English Literature*—Shaw and Lectures.

SECOND TERM.

Physics—Deschanel and Lectures.*History*—Lectures.*German*—H. Grimm's Raphael and Michael Angelo.*French*—La Litterature Française Classique.*Optional*—Latin.

THIRD TERM.

Physics—Deschanel and Lectures.*Latin*—Quintilian or Juvenal.*Comparative Philology*—Papillon and Lectures.*Optional*—History of German Literature.

SENIOR YEAR.

FIRST TERM.

Mental Philosophy—Bascom and Lectures.*Geology*—Dana and Lectures.*Spherical Trigonometry and Astronomy*—Loomis.

SECOND TERM.

Moral Philosophy—Hickok.*Natural Theology*—Chadbourne.*Logic*—Deductive, Jevons and Lectures.*Political Economy*—Walker and Lectures.*International Law*—Lectures.

THIRD TERM.

Æsthetics—Bascom.*Logic*—Inductive, Fowler.*Constitutional Law*—Story and Lectures.*History of Civilization*—Lectures.

SUB-FRESHMAN COURSE.

The Sub-Freshman Course of the College of Arts consists of one year's studies.

FIRST TERM.

German—Comfort's Course.

Algebra—Robinson's.

Natural Philosophy—Norton.

SECOND TERM.

German—Comfort's Course.

Algebra—Robinson.

Physiology.

THIRD TERM.

German--Whitney's Reader.

Plane Geometry—Loomis—5 books.

Botany—Gray's Manual,

The Sub-Freshman Class of the College of Letters consists of two years' studies.

FIRST YEAR.

FIRST TERM.

ANCIENT CLASSICS.

MODERN CLASSICS.

Latin, - - - - - Allen & Greenough's Grammar.
Latin, - - - - - Leighton's Lessons. (Twice a day).
Ancient History—Thalheimer. Algebra—Loomis' Higher.

SECOND TERM.

Latin,	as first term.
Greek—Goodwin's Grammar.	Algebra—as first term.
Greek—Leighton's Lessons.	Physiology.

THIRD TERM.

<i>Latin</i> ,	Allen & Greenough's Selections.
<i>Latin</i> ,	Allen's Composition.
<i>Greek</i> —as before. (Twice a day).	<i>Plane Geometry</i> —Loomis. <i>Botany</i> —Gray's Manual.

SECOND YEAR.

FIRST TERM.

<i>Latin</i> ,	Cicero's Select Orations.
<i>Latin</i> ,	Composition and Grammar through the year
<i>Greek</i> —Goodwin's Reader.	<i>German</i> —Comfort's Course.
<i>Composition</i> —(Twice a day).	<i>Anc. History</i> —Thalheimer.

SECOND TERM.

<i>Latin</i> ,	Cicero, Virgil's <i>Æneid</i> . (Twice a day).
<i>Greek</i> —as before.	<i>German</i> —as before.

THIRD TERM.

<i>Latin</i> ,	as before. (Twice a day).
<i>Greek</i> —as before.	<i>German</i> —Whitney's Reader.

SCHEDULE OF RECITATIONS FOR 1876-7.

Fall Term 1876.

CLASS.	9-10	10-11	11-12	12-1	2-3
SENIOR.	Astronomy.	Geology.	Psychology.	Rhetoricals, Tu. \$*Sci. of Lang., M.	
JUNIOR.	Mechanics.	English Literature.	Chemistry.	Rhetoricals, M., Tu.	
SOPHOMORE.	†† French.	Mathematics.	†† Latin, 2d half. Rhetoric.	History.	Rhetoricals, Tu., F.
FRESHMAN.	†† Latin. * Anglo-Saxon.	† Greek. †* German.	Mathematics.	Rhetoricals, W., F.	
SUB-FRESHMAN.	* Greek, I. †† Latin, II.	†* German.	* Natural Philosophy History, II.	Latin, I. †* Algebra.	Greek, I. Latin, II.

Winter Term 1877.

SENIOR.	Political Economy.	Logic.	Moral Philosophy. Natural Theology.	§ Interna'l Law, Th. Rhetoricals, M.	
JUNIOR.	Physics.	History.	* Chemistry. † German. + Greek.	Rhetoricals Tu., Th.	
SOPHOMORE.	†† French. *Analytical Geometry and Calculus.	† Greek. * Zoology.	Rhetoric, 4 weeks. †† Zoology, 8 weeks. *Crystallography, 4 w	Rhetoricals, W., F. † German.	

* Scientific Course.

† Ancient Classical Course.

‡ Modern Classical Course.

§ Lecture.

SCHEDULE OF RECITATIONS FOR 1876-7—*continued.*

Winter Term 1877—continued.

CLASS.	9-10	10-11	11-12	12-1	2-3
FRESHMAN.	* English. †‡ Latin.	‡* German	Mathematics.	Rhetoricals, M., W. † Greek.	
SUB-FRESHMAN.	Greek, I. Latin, II.	‡* German.	* Physiology. † Greek.	Latin, I. §* Algebra.	Latin, I. Latin, II

Spring Term 1877.

SENIOR.	Constitutional Law.	Logic.	Aesthetics.		
JUNIOR.	Physics.	* Mineralogy. †‡ Latin.	* Analyt'l Chemistry.	Rhetoricals, Tu., F. †‡ Compar. Philology.	
SOPHOMORE.	* Calculus. †‡ Anglo-Saxon.	* Zoology. †‡ Latin.	† Greek †‡ German.	Drill.	Rhetoricals, W., F.
FRESHMAN.	‡* German. † Greek	Mathematics.	Botany.	Drill.	Rhetoricals, Tu., Th. Drill.
SUB-FRESHMAN.	Greek, I. Latin, II.	‡* German.	Greek, II. * Geometry.	* Botany. Latin, I.	Latin, I. Greek, II.

* Scientific Course.

† Ancient Classical Course.

‡ Modern Classical Course.

§ Lecture.

DEPARTMENT OF CIVIL ENGINEERING—1876-7.

First Term.

CLASS.	9-10	10-11	11-12	12-1	2-3	3-4
SOPHOMORE.	Conic Sections.	Rhetoric and Surveying.	Descrip. Geometry.		Drawing.	
JUNIOR	Mechanics.	Descrip. Geometry.	Chemistry.		Drawing and Field Practice	
SENIOR,	Astronomy.	Geology.	Mental Philosophy.	Godesy and Prime Movers.	Drawing and Field Practice.	

Second Term.

SOPHOMORE.	Analytical Geometry.	Rhetoric and Crystallography.	Zoology.		Drawing.
JUNIOR.	Physics.	Strength of Materials.	Analytical Chemistry.	Building Materials.	Laboratory Practice.
SENIOR.	Political Economy or Metallurgy.	Logic.	Civil Engineering.		Drawing and Field Practice.

Third Term.

SOPHOMORE.	Calculus.	Stereotomy.	German.		Drawing.
JUNIOR.	Mechanics of Engineering.	Physics.	Mineralogy.		Drawing and Field Practice.
SENIOR.	Constitutional Law.	Economic Geology.	Water and Railroad Engineering.		Drawing and Field Practice.

DEPARTMENT OF MINING AND METALLURGY—1876-7.

First Term.

CLASS.	9-10	10-11	11-12	12-1	2-3	3-4
SOPHOMORE.	Conic Sections.	Surveying or Rhetoric.	Descrip. Geometry.			
JUNIOR.	Elements of Mechanics.	Descrip. Geometry.	Chemistry.	Drawing.	Drawing and Qualitative Analysis.	
SENIOR.	Mining Engineering [‡]	Geology.	Mental Philosophy.	Drawing.	Drawing.	Quantitative Analysis, Assaying.*

Second Term.

SOPHOMORE.	Analytical Chemistry.	Rhetoric and Crystallography.	Zoology.		Drawing.
JUNIOR.	Physics.	Strength of Materials [‡]	Analytical Chemistry.	Metallurgy.	Drawing and Qualitative Analysis.
SENIOR.		Mining Engineer'g. [‡]	Advanced Mineral'g.	Metalurgy.	Drawing and Quantitative Analysis.*

Third Term.

SOPHOMORE.	Calculus.	Stereotomy.	German.		Drawing.
JUNIOR.	Mechan. of Engr'g. [‡]	Physics.	Mineralogy.		Drawing and Qualitative Analysis.*
SENIOR.	Constitutional Law. [‡]	Economic Geology.	Railroad Engineer'g.	Drawing.	Drawing and Quantitative Analysis.*

[‡] Mining Course only.

* Metallurgical Course only.

POST-GRADUATE COURSE.

Bachelors of Art, Science, and Philosophy will be admitted to the University as candidates for an appropriate degree. 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.

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.

COURSE OF INSTRUCTION.

SECTION I.—*Philosophy and History.*

History of Philosophy.

History of Institutions.

International Law and Jurisprudence.

II.—*Philology.*

Sanskrit.

Ancient and Modern Classic Languages.

Critical Study of English Literature.

Anglo-Saxon.

Comparative Grammar.

Science of Language.

III.—*Mathematics and Physics.*

Calculus of Variations.

Analytical Mechanics.

Dynamical Theory of Heat, Light, etc.

Practical Astronomy and Geodesy.

IV.—*Natural History.*

Botany.

Zoology.

Comparative Anatomy.

V.—*Natural Sciences.*

- Mineralogy.
- Geology.
- Chemical Philosophy and Analysis.

VI.—*Applied Sciences.*

- Mining Engineering.
- Civil Engineering.
- Mechanical Engineering.
- Architecture.
- Chemical Technology.
- Metallurgy.
- Economic Geology.

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 lecture as from a text-book.

The following are the regular Courses of Lectures:

To the SENIOR CLASS—On Mental and Moral Philosophy and Æsthetics, by the President; on Logic, by Prof. Carpenter; on History, by Prof. Allen; on Political Economy, Civil Polity and International Law, by Prof. Parkinson; on Geology and Economic Geology, on Mining Engineering, and on Metallurgy, by Prof. Irving; on Science of Language, by Prof. Feuling.

To the JUNIOR CLASS—On Physics and Astronomy, by Prof. Davies; on History, by Prof. Allen; on English Literature, by Prof. Carpenter; on General, Analytical, and Applied Chemistry, by Prof. Daniells; on Metallurgy and Assaying, by Prof. Irving; and on Comparative Philology, by Prof. Feuling.

To the SOPHOMORE CLASS—On History, by Prof. Allen.

To the FRESHMAN CLASS—On the Laws of Health and Methods of Study, by the President.

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

DEPARTMENT OF LAW.

FACULTY.

JOHN BASCOM, LL. D.,
President.

HON. ORSAMUS COLE, LL. D.,
Associate Justice of the Supreme Court of Wisconsin.
Rights of Married Women as affected by recent legislation.

HON. WILLIAM PENN LYON, LL. D.,
Associate Justice of the Supreme Court of Wisconsin.
Practice.

J. H. CARPENTER, LL. D.;
Criminal Law and Contracts, including Contracts of Agency, Bail-
ment and Partnership.

WILLIAM F. VILAS, LL. B.,
Practice, Pleadings, and Evidence.

I. C. SLOAN, Esq..
Equity Jurisprudence and Real Estate.

S. U. PINNEY, Esq.,
Corporations and Real Estate.

HON. J. C. HOPKINS, Esq.,
Federal Jurisprudence (including Admiralty and Bankruptcy Pro-
ceedings), and Negotiable Instruments.

J. B. CASSODAY, Esq.,
Wills, Torts, Patent and Copy Rights, and Trade Marks.

COURSE OF INSTRUCTION.

FIRST TERM.

J. H. CARPENTER.—Contracts, including Contracts of Agency and Bailment.

WM. F. VILAS.—Constitution and Jurisdiction of Courts and Common Law Pleadings.

I. C. SLOAN.—Equity Jurisprudence.

J. C. HOPKINS.—Federal Jurisprudence, including Admiralty and Bankruptcy Proceedings.

S. U. PINNEY.—Corporations.

SECOND TERM.

J. H. CARPENTER.—Contracts, including Contracts on Partnership.

WM. F. VILAS.—Equity and Code Pleading.

I. C. SLOAN.—Real Estate.

J. C. HOPKINS.—Negotiable Instruments.

S. U. PINNEY.—Real Estate.

J. B. CASSODAY.—Wills and Torts.

ORSAMUS COLE.—Rights of Married Women, as affected by recent legislation.

CLARK GAPEN, M. D.—Poisons, Wounds, and Exceptional Cases of Death.

THIRD TERM.

J. H. CARPENTER.—Criminal Law.

WM. F. VILAS.—Law of Evidence.

I. C. SLOAN.—Real Estate.

J. C. HOPKINS.—Negotiable Instruments.

S. U. PINNEY.—Real Estate.

J. B. CASSODAY.—Patent Rights, Copy Rights, and Trade Marks.

WM. P. LYON.—Practice.

H. S. ORTON.—The Legal Responsibility of Insane Persons in Civil and Criminal Cases.

Judge Orton and Dr. Gapen, though not members of the Faculty, have agreed to give a few lectures each to the class.

REMARKS.

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 the result of the experience of many ages is scattered through numerous treatises, reports, statutes, and digests. To obtain the mastery of the topics embraced within the limits of the body of the law in such a degree of perfection as marks the learned lawyer, requires many years of diligent study and practical experience.

The beginner needs 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 methods of legal study and thought.

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 the young men of Wisconsin and the Northwest ready facilities for such acquirements, this Department has been established.

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 doctrines, but also a discussion of subjects in more detail than the student requires so early. The lectures give a clear analysis of the subject under discussion, while the instructor can refer the student to 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. The system of reading cases in connection with text-books and lectures is of the first importance.

The Moot Court is held weekly. Here the students are taught to perform, as students, what they will be required to do as lawyers. The preparation of pleadings and the argument of questions—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, 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. Additional means to the same end consist in the forming of clubs by students themselves, to which the instructors will afford every assistance.

A certificate of graduation from this Department entitles the student to admission to practice in all of 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 United States 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 fifty thousand 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 twenty years of age to enter this Department. Candidates will be examined in the ordinary English branches. Credentials of good moral character must be furnished.

Every candidate for graduation is required to "prepare and read before the class and Faculty, within six weeks before the close of the collegiate year, a dissertation on some legal subject, or some subject connected with the history, science, or practice of the law, which shall be approved by the Faculty."

The following resolution was adopted by the Regents at their last meeting:

Resolved, That no student shall hereafter be graduated from the Law Department who has not devoted two years to the study of the Law; one year of which shall be under the direction and supervision of the Faculty of said Department; and that no student shall be graduated until he shall have passed a satisfactory examination after the completion of said two years of study, which examination shall be conducted by the Law Faculty in the presence of the Annual Board of Visitors.

LIBRARIES.

The University Library contains about seven thousand volumes, and is open to the students every day for drawing books, and two hours every afternoon for consultation. The best American and Foreign periodicals are taken.

Students also have opportunity, free of expense, to consult the State Historical and State Libraries, the former numbering over fifty thousand volumes, the latter comprising a choice a 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.

The students, by special arrangement, are enabled to take out books from the Circulating Library of the Madison Institute, at a very low rate. This is a very well-selected collection of about 5,500 volumes.

APPARATUS, CABINETS, LABORATORIES.

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.

There are also Chemical, Mineralogical and Assay Laboratories, well supplied with Apparatus and Chemicals, affording excellent facilities for the prosecution of studies in their respective departments of science.

The Regents have recently made liberal appropriations for apparatus in the several departments of Natural Science.

TERMS OF ADMISSION.

Candidates for admission to the University will be examined on Thursday and Friday preceding the Annual Commencement; also on Tuesday of the first week of each term. We wish them to present themselves promptly at nine o'clock.

SUB-FRESHMAN CLASS.

COLLEGE OF ARTS.

Candidates will be examined in the following studies: Reading, Spelling, Penmanship, Arithmetic, Civil and Descriptive Geography, Physical Geography, English Grammar (including Sentential Analysis), and History of the United States.

COLLEGE OF LETTERS.

The requirements for admission to the Sub-Freshman Class of the Modern Classical Course are the same as for the College of Arts.

For admission to the Sub-Freshman Class of the Ancient Classical Course, there are also required Elementary Algebra and Plane Geometry.

FRESHMAN CLASS.

Candidates for the Freshman Class in each course will first be examined in the studies required for admission to the Sub-Freshman Class of that course as specified above. They will then be examined upon the corresponding Sub-Freshman studies, as follows:

COLLEGE OF ARTS.—Elementary Algebra, Plane Geometry, Natural Philosophy, Physiology, Botany.

German.—Comfort's Course and seventy-five pages of Whitney's Reader.

COLLEGE OF LETTERS.—Ancient Classical Course.

Latin.—Grammar, Composition (the amount indicated by thirty-five lessons of Allen's Composition), Allen & Greenough's Selections or four books of Cæsar's Gallic War, six books of Virgil's *Æneid*, eight Orations of Cicero.

Greek.—Grammar, Composition (Jones'), four books of the *Anabasis* and two books of Homer, Ancient History and Geography.

Modern Classical Course.—Latin, as above; German, Comfort's Course, and seventy-five pages of Whitney's Reader; Algebra, Physiology, Plane Geometry, Botany, Ancient History.

N. B.—Real equivalents will be taken for any of the above.

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

Students who do not desire to graduate may enter at any time, and take any study which they are prepared to prosecute to advantage, provided they can pass an examination in the English branches required for admission to the scientific course of the College of Arts. No students with elective studies are admitted to the Sub-Freshman Classes. Any student who maintains a standing of not less than 85 in each of his three studies, is allowed, if he chooses, to take a fourth study.

Ladies pursue any course or elective study in the University, and the same degree is conferred upon them as upon the gentlemen for the satisfactory completion of any course of study. 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.

TECHNICAL COURSES.—The requirements for commencing any Technical Course are the same as those for entering the Sophomore Class of the College of Arts.

Applicants for admission from other colleges must present certificates of honorable dismission. The University is open to students from other States.

GRADUATES OF GRADED SCHOOLS.—The following regulations have been adopted by the Faculty for the guidance of Graded Schools fitting students for the University:

1. The principal of the Graded School shall prepare, each year, the questions for the examination of graduates of his school making application for admission to the University.
2. The examination shall be in writing.
3. In preparing a paper let the candidate (1) write on but one side; (2) leave one or more lines blank after each answer; (3) number answers to correspond with questions; (4) write with ink; (5) write each question before its own answer.
4. The number of questions submitted shall be: In Arithmetic, 20; English Grammar, 10; Civil and Descriptive Geography, 20; Physical Geography, 20; United States History, 10; Sentential Analysis, 20; Elementary Algebra, 10; Plane Geometry, 10; Natural Philosophy, 10; Physiology, 10; Botany, 10; German, a passage translated and analysed.
5. Orthography and Penmanship will be determined and marked from the papers,
6. The Principal shall examine the papers and mark them on a scale of 100. Candidates must obtain at least 75 per cent. in each study, and an average of 85 per cent.
7. It shall be the duty of the Principal to forward to the President of the University the questions, the examination papers of the candidate, and a certificate of the following form:

— *Graded School*, — *County, Wis.*
—, 187—.

This is to certify that —— ——, a graduate of this School, has prepared the accompanying papers under my su-

pervision, and that, to the best of my knowledge and belief, the examination has been fairly conducted.

Signed,

—————, *Principal.*

The examination papers so prepared should, in no case, be entrusted to the student, but should be sent directly to us. If they reach us previous to the expiration of the spring term, the Principal will be immediately notified of the result; if they arrive in the vacation, we will endeavor to report on them one week before the opening of the fall term.

We have given, in the above examination, the studies requisite for admission to the College of Arts, an equivalent examination in those fitting the student for the Ancient or the Modern Classical Course will be accepted in its place. The student must, however, be completely fitted for one or other of the three courses.

Notwithstanding the recent law which extends free tuition in the University to all citizens of the State, we have concluded to retain the above method of examination by High Schools. We do this as an assistance to these schools. Many of them take pleasure in presenting us their own work, and this method is found to exert a favorable influence on their students. These examinations more frequently fail through the character of the questions than of the answers. The questions should be broad and searching enough to constitute a test of knowledge in the department considered.

We have also concluded to add a third method of admission: Any High School in the State, whose course of instruction covers the branches requisite for admission to one or more of the Colleges of the University, may make application to be entered on its accredited list. On such application, the University will send a Professor to examine the course and methods of instruction in the school, and on his favorable report

will enter it in the accredited High School list of the University. The graduates of High Schools so entered will be received by the University into any of its Colleges for which they have been fitted, without further examination. This arrangement will hold good until the administration of the High School is changed, or until notice is given by the University of unsatisfactory results. The necessary expenses attending the visit of the Professor will be paid by the High School. The accredited list will be published each year in the Catalogue of the University.

We greatly desire a thoroughly good understanding with the High Schools of the State, and hope that this method may aid us in reaching that result. We are looking for the opportunity to discontinue our preparatory work, and shall do so soon as the High Schools are able to take it up.

EXPENSES.

The matriculation fee in the Law Department is	\$50 00
Tuition to all residents of the State of Wisconsin,	FREE
Tuition for all non-resident students,	6 00
Room rent in North and South (gentleman's) Halls,	3 00
Heating University Hall, 1st and 2d terms,	2 00
" " " 3d term,	1 00

Board can be had in clubs from \$1.75 to \$2.25 per week. In private families from \$2 to \$4 per week. Washing from 60 to 75 cents per dozen.

Room rent in Ladies' Hall (furnished)	5 00
First and third terms, heating and lighting public rooms in Ladies Hall,	2 00
Second term, heating and lighting public rooms in Ladies' Hall,	4 00
First term, " " " students' rooms	5 00
Second term, " " " " "	6 00
Third term, " " " " "	4 00
Board in Ladies' Hall, including washing of bedding, towels and napkins, per week,	3 00
Personal washing, 60 cents per dozen.	

Instrumental music, 20 lessons,	-	-	-	10 00
Use of instrument, per term,	-	-	-	2 00
Vocal music, 20 lessons,	-	-	-	10 00

NOTE.—\$3 is charged for each Diploma.

Students will be charged for not less than one term, and no deduction will be made for voluntary absence. Students are allowed twelve and a half cents per hour for work on the University farm. Payment of all University charges for tuition, room rent, heating, etc., is required strictly *in advance*.

SCHOLARSHIPS.

The University is indebted to the liberality of Hon. John A. Johnson, of Madison, for ten scholarships of \$50 each, established under the following conditions:

The sum received by one student in one year shall not exceed \$50, nor the sum received during his College course exceed \$200. Until the year 1900 the fund will be limited to students speaking one of the Scandinavian languages (Norse, Swedish, Danish, or Icelandic). No student can receive aid from this fund unless he has attended a common school one year, or has attended the University one year. The recipient of aid will be expected to return the money received by him to the fund if he shall at any time be able to do so. The income of the fund will be dispensed by a committee of three members of the Faculty. For the present this committee is constituted as follows: The President of the University, Prof. Sterling and Prof. Anderson.

LADIES' HALL.

The Ladies' Hall, erected by the munificence of the State, is an elegant and commodious building. It contains a chapel, teachers' rooms, recitation rooms, study and lodging rooms for about eighty students, and ample accommodations for boarding.

Students' rooms are neatly carpeted and furnished with heavy furniture. Occupants are expected to provide the toilet sets needed in their rooms; also, towels, napkins, sheets, pillow-cases, blankets and counterpanes, all of which should be marked with the name of the owner. Students occupying this building are under the immediate charge of the preceptress.

The Department of Boarding is under the direction of an experienced Matron. Ladies occupying rooms in the building are required to board with the Matron, and are expected cheerfully to conform to the rules requisite for a quiet and orderly household. We assume no responsibility for pupils rooming in the city, beyond that involved in good scholarship and general deportment. The rooms are in suits to accommodate four students; if *unnecessarily* occupied by a less number, the additional expense of fuel, light and room-rent will be charged to the occupants *pro rata*.

Gas has been introduced into Ladies' Hall; an abundant supply of water has also been provided.

Competent teachers give instruction in Vocal and Instrumental Music.

GENERAL INFORMATION.

POLICY.

It is the aim of the University to meet the highest educational wants of every student in the State. 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. It is confidently expected that 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 will be dismissed. The University is no place 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 gives directions and instruction to the students in regard to their general duties as members of the University.

No student is required to attend any religious exercises of any kind.

GROWTH AND PROSPECTS.

Since the reorganization of the University, in 1867, it has had constant prosperity. The Gymnasium and Ladies' Hall have been erected, Laboratories fitted up, and the Instructional force greatly increased. The requirements for admission have been increased and the courses of study improved and extended. The Law Department has already gained a high position among the law schools of the country; and the University has been placed in immediate connection with the graded schools of the State. The prospects of continued growth are of a most cheering character. Science Hall, now nearly finished, will furnish ample and very superior conveniences for instruction in the physical sciences. The advantages offered in these departments are of a very unusual order.

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.

A. — ACADEMIC.

The degree of *Bachelor of Sciences* is conferred upon such persons as satisfactorily complete the course in General Science — College of Arts.

The degree of *Bachelor of Arts* is conferred upon such persons as satisfactorily complete the course in Ancient Classics — College of Letters.

The degree of *Bachelor of Letters* is conferred upon such persons as satisfactorily complete the course in Modern Classics — College of Letters.

The degrees of *Master of Science*, *Master of Arts* and *Master of Letters*, are conferred respectively upon Bachelors of Science, Arts, and Letters, upon either of the following conditions:

After three years spent in scientific or literary pursuits, upon passing a satisfactory examination, and presenting to the Faculty an acceptable thesis upon some subject previously agreed upon.

After one year spent at the University in the pursuit of scientific or literary studies, under the direction of the Faculty, upon passing the requisite examinations and presenting a satisfactory thesis upon some subject within the line of study to which they have chiefly devoted their attention.

B. — SPECIAL AND PROFESSIONAL.

The degrees of *Bachelor of Agriculture*, *Bachelor of Civil Engineering*, *Bachelor of Mining Engineering*, and *Bachelor of Mechanical Engineering*, are conferred respectively upon

persons who satisfactorily complete the courses of study in Agriculture and in Civil, Mining and Mechanical Engineering—College of Arts.

The degrees of *Civil Engineer*, *Mining Engineer* and *Mechanical Engineer*, are conferred respectively upon such bachelors of Civil, Mining and Mechanical Engineering as, after one year of additional study and practice, present a suitable project and pass the requisite examinations. Residence at the University will not be required during the year.

The degree of *Bachelor of Laws* is conferred upon those who satisfactorily complete the course of study prescribed in the Department of Law.

LITERARY SOCIETIES.

The Literary Societies—Athenæan, Hesperian, Calliopean, Linonian, Castalian and Laurean—are sustained with great interest, and furnish valuable aid in the intellectual training of the student. These societies admit to membership only students connected with the regular classes.

THE LEWIS PRIZE.

The Lewis prize fund, the fruits of a donation made by Ex-Governor James T. Lewis, now yields annually \$20. This sum is bestowed on the student furnishing the best commencement piece. It was given for the year 1875 to Fannie West, of Milwaukee; and, for 1876, to A. S. Ritchie, of Racine.

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.

Those in the regular classes are allowed the choice of rooms, 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 for gentlemen are furnished, except stores, 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 Hall. Occupants of rooms are held responsible for 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.

CALENDAR.

'76—'77.

FALL TERM begins Wednesday, September 6, and closes Wednesday, December 20—15 weeks.

WINTER TERM begins Wednesday, January 3, and closes Wednesday, March 28—12 weeks.

SPRING TERM begins Wednesday, April 4, and closes Wednesday, June 20—11 weeks.

ANNIVERSARY OF LITERARY SOCIETIES, Tuesday evening before Commencement.

COMMENCEMENT, Wednesday A. M., June 20.

'77—'78.

FALL TERM begins Wednesday, September 5, and closes Wednesday, December 19—15 weeks.

WINTER TERM begins Wednesday, January 2, and closes Wednesday, March 27—12 weeks.

SPRING TERM begins Wednesday, April 3, and closes Wednesday, June 19—11 weeks.

