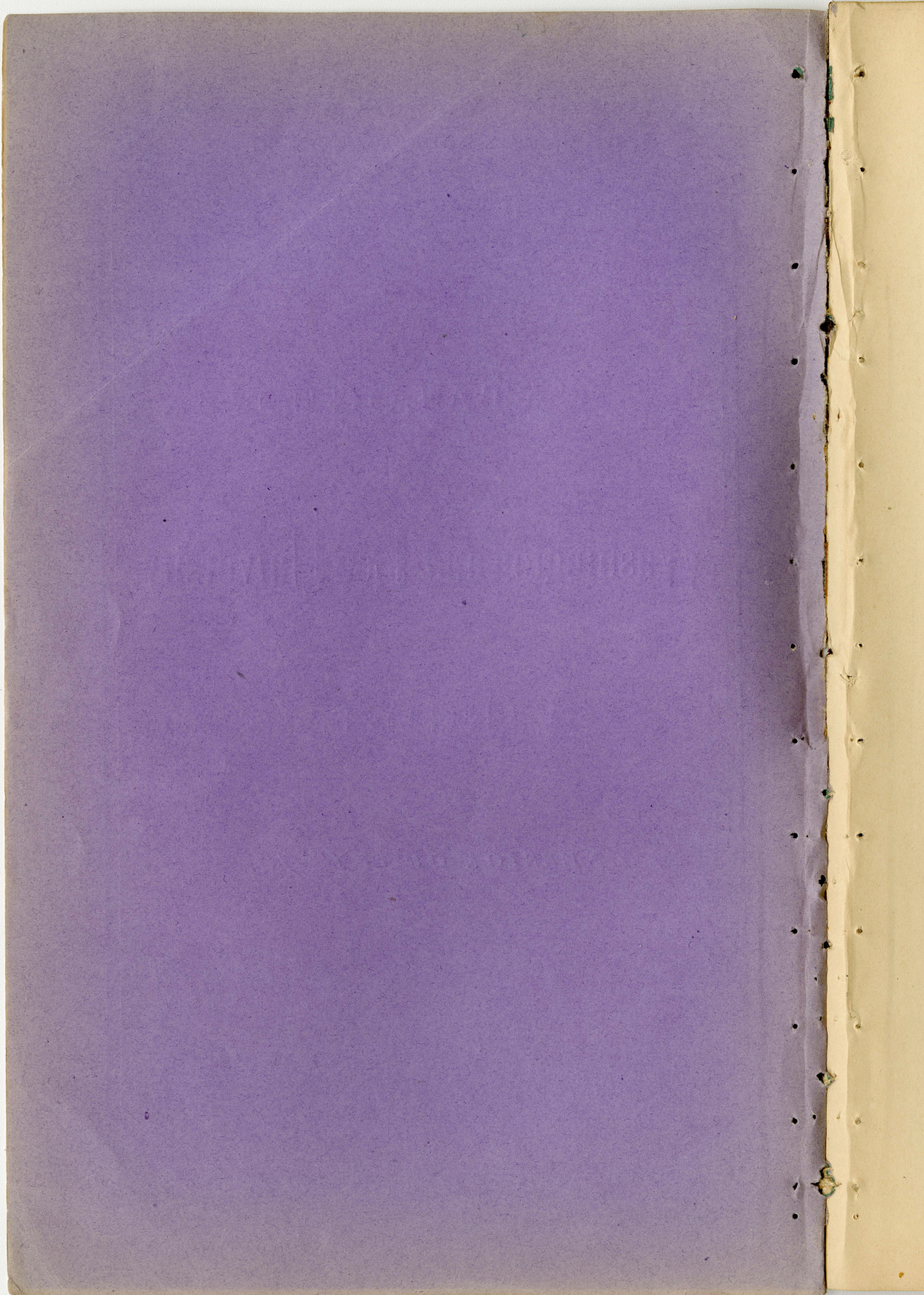


1872-73

CATALOGUE  
OF  
Washington and Lee University,  
VIRGINIA,  
*SESSION OF 1872-73.*







CATALOGUE

OF

Washington and Lee University,

VIRGINIA,

FOR THE

*YEAR ENDING JUNE, 1873.*

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Published by Order of Board of Trustees.  
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BALTIMORE:  
PRINTED BY JOHN MURPHY & Co.  
PUBLISHERS, BOOKSELLERS, PRINTERS AND STATIONERS.  
182 BALTIMORE STREET.  
1873.





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## Organization of the University.

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THE essential features of this Organization are:—1. The arrangement of the course of study into distinct elective Schools. Students may elect their own studies; but in each School there is a prescribed course, which the student is required to pursue according to the degree of his preparation. Promotion is accorded only upon actual attainments, and certificates are conferred only at the end of the complete course, upon rigorous and thorough examination.

2. The adaptation of the several Schools to certain *courses of study*, to each of which is attached a corresponding Degree. Students are encouraged, as far as possible, to pursue and complete some one of these several courses. The degrees of BACHELOR OF ARTS, BACHELOR OF SCIENCE, and BACHELOR OF PHILOSOPHY, which are the Collegiate degrees of the University, are founded upon these respective courses of study, and each embraces a combination of required with elective studies, so as to allow the largest liberty consistent with a thorough culture. The degree of MASTER OF ARTS, which is the University degree proper in the academic course, is founded upon the highest attainments in the several Schools, and is open to the graduates in any of the Baccalaureate degrees. The degree of DOCTOR OF PHILOSOPHY is intended to encourage post-graduate study. The professional degrees of CIVIL ENGINEER, MINING ENGINEER, and BACHELOR OF LAW are attached to the several professional Schools. No degrees are conferred *in course*; but all are based upon actual attainments in a completed course of study.

3. A system of Honors, Prizes, &c., adapted to the encouragement of general scholarship as well as of distinguished proficiency in particular branches. These are increased in number as fast as the funds of the University or the liberality of friends render it possible.



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CAPTAIN WALTER BOWIE,  
PROCTOR.



## Catalogue of Students.

### ABBREVIATIONS.

L.—Latin.	H.—History.	N. P.—Natural Philosophy.
G.—Greek.	M. P.—Moral Philosophy.	C.—Chemistry.
E.—English.	LIT.—Literature.	GEO.—Geology & Mineralogy.
F.—French.	M.—Mathematics.	T. CH.—Technical Chemistry.
GER.—German.	A. M.—Applied Mathematics.	PH'Y.—Physiology.

NAME.	RESIDENCE.	STUDIES.	SESS.
Allen, Richard Henry	<i>Memphis, Tenn.</i>	GER., M. P., C., LIT.,	3
Allen, Thomas Hampton	<i>Memphis, Tenn.</i>	GER., F., E., LIT.,	2
Anderson, Charles Wesley	<i>Brownsville, Tenn.</i>	L., G., F., M., A. M.,	1
Anderson, James Polk	<i>Waco, Texas</i>	L., F., GER., E., M.,	1
Anderson, William Fred'k	<i>New Orleans, La.</i>	F., M., H.,	1
Anderson, Chas. Beauchamp	<i>New Orleans, La.</i>	L., F., M.,	1
Antrim, Charles Bezaleel	<i>Lexington, Va.</i>	L., G., F., M.,	2
Ayres, William Cook	<i>New Orleans, La.</i>	M., A. M., GEO., T. CH.,	5
Ayers, Brown	<i>New Orleans, La.</i>	GER., M., C., A. M.,	2
Bacon, William Lewis	<i>Lexington, Va.</i>	F., E., M.,	1
Banister, John Monroe	<i>Huntsville, Ala.</i>	L., G., F., H.,	2
Barclay, Howard Williams	<i>Lexington, Va.</i>	L., G., M., H.,	4
Barnard, George Mervin	<i>Waco, Texas.</i>	GER., F., E., M.,	1
Bateman, Andrew Quintilian	<i>Jefferson, Texas.</i>	L., GER. F., M.,	3
Beall, Frank Charles	<i>Frostburg, Md.</i>	GER., M., C., GEO., A. M.,	3
Bell, Robert John	<i>Lexington, Va.</i>	L., F., G.,	2
Bell, Joseph Allen	<i>Shelbyville, Ky.</i>	L., F., GER., E., M.,	1
Bentley, Robert Rennolds	<i>Essex Co., Va.</i>	L., G., M., H.,	1
Berkeley, Lewis	<i>Prince William Co., Va.</i>	LAW,	4
Bettis, Benjamin	<i>Edgefield Co., S. C.</i>	G., E., A. M., C.,	3
Block, Lazu	<i>Winnsboro, La.</i>	L., E., M., H.,	1
Bocock, John Paul	<i>Lexington, Va.</i>	G., GER., M., H., LIT.,	2
Boney, William Beattie	<i>Jefferson, Texas.</i>	L., F., E., M.,	2
Boney, Ashton Mina	<i>Jefferson, Texas.</i>	L., F., E., M.,	1
Bowie, Walter Russell	<i>Lexington, Va.</i>	L., G., M., H.,	3
Boyle, William	<i>Albia, Iowa.</i>	M. P., M., GER., A. M.,	3
Brodie, George Alexander	<i>Plum Bayou, Ark.</i>	L., G., GER., E., M.,	2
Brown, Glenn	<i>Alexandria, Va.</i>	L., G., F., E., M.,	1
Broun, Waller Mordecai	<i>Mobile, Ala.</i>	F., GER., M., A. M.,	2
Brownlee, Edward Gold	<i>Rockbridge Co, Va.</i>	L., F., GER., G., E.	2
Brussels, Ferdinand Van	<i>New Orleans, La.</i>	GER., E., M., A. M.,	1
Bryan, Erin Ernest	<i>Brazoria, Texas.</i>	L., GER., E., H.,	1
Buford, Frank Giddens	<i>Giles Co., Tenn.</i>	M. P., M., H.,	4



NAME.	RESIDENCE.	STUDIES.	SESS.
Cabell, Ashley	<i>St. Louis, Mo.</i>	LAW,	3
Calhoun, J. C., C. E. B. S.	<i>Dallas Co., Ala.</i>	G., GER., M. P., A. M., LIT., H.,	6
Campbell, John Lyle	<i>Lexington, Va.</i>	G., F., A. M., H.,	5
Campbell, Edmund Douglas	<i>Lexington, Va.</i>	F., E., M.,	4
Campbell, Isaac Newton	<i>Rockbridge Co., Va.</i>	L., G., E.,	3
Campbell, James Hubbard	<i>Dover, Mo.</i>	L., G., M., C.,	2
Campbell, James Trimble	<i>Rockbridge Co., Va.</i>	L., G., M.,	1
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Carter, Laurance Sullivan	<i>Palo Pinto, Texas.</i>	L., F., GER., M., E.,	2
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Chamberlain, George Earle	<i>Natchez, Miss.</i>	L., G., F., M.,	1
Chandler, De Lacy Morgan	<i>Rockbridge Co., Va.</i>	M. P., M., C., A. M.,	4
Childers, William Burr	<i>Pulaski, Tenn.</i>	L., M. P., M., N. P.,	3
Christian, Edmond Cooper E.	<i>Tuscumbia, Ala.</i>	L., G., GER., F., M.,	1
Cock, John Thomas	<i>Harrison Co., Texas.</i>	L., M.,	1
Cockrell, Alexander	<i>Dallas, Texas.</i>	L., E., M.,	1
Cockrell, Frank Marion	<i>Dallas, Texas.</i>	L., F., E., M.,	1
Cockrell, Robert	<i>Dallas, Texas.</i>	GER., F.,	1
Coe, Henry Slicer	<i>Lexington, Va.</i>	L., G., F., M.,	2
Coffin, John McKinney	<i>Union City, Tenn.</i>	L., G., F., H.,	2
Connevey, James Edmondson	<i>Washington Co., Va.</i>	L., G., M.,	1
Cotton, John Alexander	<i>New Orleans, La.</i>	L., F., H.,	1
Cox, Lewis Berkeley	<i>Loudon Co., Va.</i>	L., G., F., GER., M.,	1
Crommelin, Charles Ross	<i>Montgomery, Ala.</i>	M., F., H.,	1
Cumming, Ro. A. R.	<i>Atlanta, Ga.</i>	L., G., M.,	1
Dailey, Charles Alvin	<i>Honey Grove, Texas.</i>	L., F., E., H.,	1
Davis, Charles Madison	<i>Cross Anchor, S. C.</i>	L., G., F., M.,	2
Dawson, Joshua Martin	<i>Cincinnati, Ohio.</i>	L., G., M., H.,	3
Dazey, Kendal Francis	<i>Farmington, Tenn.</i>	L., G., M., H.,	2
Deshon, Charles Augustus	<i>Mobile, Ala.</i>	L., G., F., M.,	2
Deshon, Edward Rafael	<i>Mobile, Ala.</i>	F., E., M., A. M.,	2
Despard, Burton McMahon	<i>Clarksburg, W. Va.</i>	L., F., H., GER.,	2
Dibrell, Gates	<i>Okolona, Miss.</i>	L., G., F., E., M.,	2
Dold, George Armstrong	<i>Lexington, Va.</i>	L., E., F., GER.,	2
Dold, William Elliott	<i>Harrisonburg, Va.</i>	L., G., M.,	1
Dufour, Horace	<i>New Orleans, La.</i>	M. P., H., IAW.	1
Dumble, Edwin Theodore	<i>Houston, Texas.</i>	L., G., M., C., A. M., T. CH.,	2
Dunbar, James Erroll	<i>Winchester, Va.</i>	M., A. M., F.,	1
Dunlap, Walter Wharton	<i>Rockbridge Co., Va.</i>	F., M., C.,	1
Dunlap, Wm. Madison, C. E.	<i>Rockbridge Co., Va.</i>	T. CH., PH'Y,	6
Edmonds, William, M. A.	<i>Tuskegee, Ala.</i>	LAW,	5
Edmondson, Ciarence	<i>Pulaski, Tenn.</i>	GER., E., M., C., LIT.,	3
Effinger, Gerard Morgan	<i>Rockbridge Co., Va.</i>	A. M., N. P.,	4
Ellis, William Owen	<i>Jefferson, Texas.</i>	L., F., GER., M., H., E.,	1
Epes, Theodrick Pryor	<i>Nottoway Co., Va.</i>	L., G., M. P., H.,	3
Fackler, Daniel Turner	<i>Huntsville, Ala.</i>	L., G., F., M., H.,	1
Fair, John Simeon	<i>Newberry, S. C.</i>	GER., E., M., C., GEO.,	4
Farnham, Henry Washing'n	<i>Natchez, Miss.</i>	M., C., A. M., N. P., F.,	2
Farrar, Floyd	<i>Vicksburg, Miss.</i>	L., F., GER., E., M.,	2



NAME.	RESIDENCE.	STUDIES.	SESS.
Fergusson, Harvey Butler	Pickensville, Ala.	GER., N. P., H., GEO., LIT., F.,	4
Field, Frank	Arrow Rock, Mo.	L., G., A. M.,	3
Field, John Walker	Liberty, Mo.	F., M., A. M.,	1
Ford, Andrew Jackson	Richmond, Va.	F., E., GER., M., PH'Y,	1
Francisco, William Frazier	Bath Co., Va.	M., C., A. M., GEO.,	1
Frank, Walton Craig	Ghent, Ky.	M. P., C., LAW,	1
Frayser, John Cameron	Memphis, Tenn.	L., M., H.,	2
Fulcher, John Alexander	Fannin Co., Texas.	F., M., C., A. M.,	2
Gadsden, John	Charleston Co., S. C.	F., M., C., A. M.,	1
Garrett, Hosea L.	Brenham, Texas.	L., G., M.,	1
Gayle, John	Shreveport, La.	L., G., F., M., E.,	1
Gillis, Alfred Barr	New Orleans, La.	L., G., F., M.,	1
Glasgow, Frank Thomas	Fincastle, Va.	L., G., F., GER.,	2
Glenn, Wm. James Powell	Waco, Texas.	F., M., C., A. M.,	2
Glover, Edwin Atwood	Edgefield, S. C.	L., G., F., M.,	1
Goldthwaite, Frank Eugene	New Orleans, La.	M., C., A. M., GEO.,	1
Goggans, James Adrian	Nixburgh, Ala.	L., G., F.,	1
Gordon, Angus Neal	Owenton, Ky.	M., G., GEO.,	4
Gordon, Henton	Waverly, Mo.	L., G., M.,	1
Graham, Samuel Jordan	Lexington, Va.	L., G., F., M.,	1
Graves, Charles A., M. A.	Liberty, Va.	LAW,	6
Green, William F.	Little Rock, Ark.	M., A. M., N. P., T. CH.,	4
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Guthrie, Edgar Lehigh	Augusta Co., Va.	F., H., A. M., GEO.,	4
Guthrie, Walter Craig	Augusta Co., Va.	M. P., C., E., H., A. M.,	3
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Harris, Edward Silliman	Mercer Co, Ky.	L., E., M., C.,	1
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Kiger, Bazil Gordon	<i>Vicksburg, Miss.</i>	L., G., F., M., H.,	1
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Kruttchnitt, Julius	<i>New Orleans, La.</i>	M., A. M., N. P., T. CH.,	3
Laird, James Madison	<i>Rockbridge Co., Va.</i>	L., G., M.,	1
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Lowry, James Henry	<i>Washington, Ark.</i>	L., G., F., GER., M.,	2
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Miller, William Frederick	<i>Selma, Texas.</i>	L., M.,	1
Montgomery, Emile	<i>Westchester Co., N. Y.</i>	L., G., M., A. M., GEO.,	4
Montgomery, Frank	<i>Westchester Co., N. Y.</i>	C., M., A. M., M. P., GEO.,	4
Moore, Thomas Richard	<i>Rockbridge Co., Va.</i>	L., E., M., C.,	1
Moore, William Grant	<i>Lexington, Ky.</i>	L., F., E., H., PH'Y,	1
Moore, John Marks	<i>Austin, Texas.</i>	L., GER., F. E.,	4
Moore, Baldwin Spyker	<i>Austin, Texas.</i>	LAW,	5
Moore, James William	<i>Rockbridge Co., Va.</i>	F., GER., E. M.,	1
Moreland, Sidney Turner	<i>Homer, La.</i>	F., C., A. M., N. P.,	3
Morris, Edward Spring	<i>Columbia, Texas,</i>	L., E., M.,	1
Mountjoy, Walter Smythe	<i>King George Co., Va.</i>	F., GER., M., E., L.,	1
Munger, Nelson Carroll	<i>Houston, Texas.</i>	L., G., F. M.,	1
McChesney, John Taylor	<i>Staunton, Va.</i>	L., G., M.,	1
McCorkle, Emmett Wallace	<i>Rockbridge Co., Va.</i>	L., F., C., H.,	3
McCown, James Harvey	<i>Rockbridge Co., Va.</i>	L., G., H.,	3
McCoy, John	<i>Franklin, W. Va.</i>	L., G., E., M. P.,	3
McCue, Alexander Hall	<i>Augusta Co., Va.</i>	F., GER., E., M., C.,	3
McDonald, Donald	<i>Lexington, Va.</i>	L., G., M., F., E.,	1
McDonald, Roy	<i>Lexington, Va.</i>	L., G., M., E.,	1
McDowell, Lewis Herman	<i>Demopolis, Ala.</i>	L., F., M., C., A. M.,	1
McDowell, James	<i>Lexington, Va.</i>	E., F., A. M., T. CH.,	3



NAME.	RESIDENCE.	STUDIES.	SESS.
McElroy, John Shuck	<i>Springfield, Ky.</i>	GER., F., E., M., C., PH'Y,	1
McGee, William Tucker	<i>Raleigh, N. C.</i>	L., G., F., GER., M.,	1
McPheeters, Thomas Shanks	<i>St. Louis, Mo.</i>	L., G., M. P., A. M.,	3
McPheeters, William M.	<i>St. Louis, Mo.</i>	L., G., M., H.,	3
Nance, William Harrison	<i>Huntsville, Ala.</i>	L., F., E., C., LIT.,	2
Napton, Harry Percy	<i>St. Louis, Mo.</i>	F., GER., M., A. M., C.,	1
Nicholas, Robert Hollins,	<i>Baltimore, Md.</i>	F., M., C., A. M.,	1
Paris, James McClung	<i>Staunton, Va.</i>	L., G., M.,	1
Parker, John Henry	<i>Nixburgh, Ala.</i>	L., G., M., E.,	1
Patrick, William	<i>Augusta Co., Va.</i>	LAW,	3
Patton, William White	<i>Botetourt Co., Va.</i>	E., M., A. M.,	1
Paxton, Matthew White	<i>Lexington, Va.</i>	L., G., M., H.,	1
Payne, Robert Spottswood	<i>Lynchburg, Va.</i>	C., A. M., N. P.,	2
Pegram, Blair Burwell	<i>Petersburg, Va.</i>	L., F., GER., M.,	1
Pharr, Theodore F.	<i>Cabarrus Co., N. C.</i>	F., GER., N. P., M.,	2
Pitts, John Glenn	<i>Baltimore, Md.</i>	F., E., M. P., C.,	3
Preston, John Alexander	<i>Lexington, Va.</i>	G., F., GER., M., C.,	3
Price, Risdon Hutchings	<i>St. Louis Co., Mo.</i>	G., M. P., C., GER., H., E., A. M.,	4
Pugh, Thomas B.	<i>Napoleonville, La.</i>	G., F., M., C., H.,	2
Purdie, Thomas Smith	<i>Smithfield, Va.</i>	H., LIT., LAW,	3
Reid, John Henry	<i>Kansas City, Mo.</i>	L., G., F., M., H.,	1
Reinhard, Larry Finley	<i>St. Louis, Mo.</i>	F., M., C., A. M.,	1
Rhea, William S.	<i>Giles Co., Tenn.</i>	A. M., LIT., H., T. CH.,	4
Rhodes, John Talbert	<i>Alexandria, La.</i>	F., M., H.,	1
Rice, John Pinkham	<i>St. Charles, Mo.</i>	F., M., C., A. M.,	1
Roberts, Charles Morgan	<i>Washington, Texas.</i>	L., F., E., M.,	1
Robinson, John Milton	<i>Cotton Point, La.</i>	L., E., M.,	1
Rolston, Hugh	<i>Mobile, Ala.</i>	F., GER., E., C., A. M.,	2
Ruff, John, Jr.	<i>Rockbridge Co., Va.</i>	G., M., C.,	3
Ruff, Andrew Wallace	<i>Rockbridge Co., Va.</i>	L., G., F., GER., C., H.,	4
Russell, Harry Hamilton	<i>Hamilton, La.</i>	L., G., F., M.,	1
Rust, Lawrence	<i>Leesburg, Va.</i>	M., M. P., GEO.,	4
Sandlin, Henry Howard	<i>Onslow Co., N. C.</i>	L., G., C., H.,	2
Sappington, Hume	<i>Columbus, Miss.</i>	L., G., F., M.,	1
Savage, John	<i>Gainsville, Florida.</i>	M., A. M., M. P.,	5
Sayre, David E.	<i>Monticello, Mo.</i>	L., GER., M., H.,	2
Sellers, Harvey Lee	<i>Galveston, Texas.</i>	L., F., G., M.,	1
Sellers, Robert Henry	<i>Galveston, Texas.</i>	F., E., M.,	1
Shaner, John Junius	<i>Lexington, Va.</i>	M., A. M., N. P., T. CH.,	3
Shawhan, Henry C.	<i>Cynthiana, Ky.</i>	L., G., F., M.,	2
Slayden, James Luther	<i>New Orleans, La.</i>	GER., M. P., H., LIT.,	1
Sloan, Thomas	<i>Herringsville, N. C.</i>	L., G., E., M.,	1
Smith, Horace George	<i>Orrville, Ala.</i>	M., C., A. M., F., PH'Y,	1
Smith, Eldon Washington	<i>Dallas, Texas.</i>	GER., E., M.,	1
Spring, James Sutton	<i>Fort Smith, Ark.</i>	L., F., GER., C.,	2
Steele, William Clarence	<i>Rockbridge Co., Va.</i>	L., G., M., H.,	2
Stedman, Nathan Alexander	<i>Marshall, Texas.</i>	L., F., E., H.,	1
Stuart, Ebenezer Erskine	<i>Rockbridge Co., Va.</i>	L., G., H.,	3
Strayer, Henry Venable	<i>Harrisonburg, Va.</i>	L., F., H.,	2



NAME.	RESIDENCE.	STUDIES.	SESS.
Swarts, Joseph Godfrey	<i>Rockbridge Co., Va.</i>	L., G., M.,	2
Tayloe, William Henry	<i>Hale Co., Ala.</i>	E., M. P., H., LIT., C., A. M.,	4
Taylor, Joseph Willis	<i>Waco, Texas.</i>	LAW,	5
Tinges, Albert Howard	<i>Baltimore, Md.</i>	F., M., C., A. M.,	1
Torrans, Patrick Henry	<i>Jefferson, Texas.</i>	L., F., GER., M.,	3
Tracy, Carlos Chandos	<i>Walterboro, S. C.</i>	L., M., C., A. M., GEO.,	2
Tucker, Henry St. George	<i>Lexington, Va.</i>	E., M., C., LIT.,	2
Tutwiler, Thomas Stanhope	<i>Lexington, Va.</i>	L., G., E., F.,	3
Tutwiler, John McClelland	<i>Lexington, Va.</i>	LAW,	1
Waddell, B. Harrison, M. A.	<i>Lexington, Va.</i>	A. M.,	7
Walden, Julius Walker	<i>Talladega, Ala.</i>	G., M. P.,	2
Walker, William Woodson	<i>Fairfax Co., Va.</i>	L., G., M.,	1
Waller, James Breckenridge	<i>Chicago, Ill.</i>	C., A. M., F., N. P., GEO.,	4
Walsh, William Harold	<i>Harford Co., Md.</i>	E., F., H.,	1
Warren, Charles Frederick	<i>Washington, N. C.</i>	M. P., C., H.,	4
Watkins, Willie Patton	<i>Huntsville, Ala.</i>	L., F., E., M.,	1
Webb, Walter Leslie	<i>Dover, Mo.</i>	F., M., C., A. M., GEO.,	1
Werber, Frederick	<i>Newberry, S. C.</i>	M., A. M., N. P., T. CH.,	4
West, Thomas Fendol	<i>Louisa Co., Va.</i>	LAW,	2
Wheless, Malone	<i>New Orleans, La.</i>	F., G., E., LIT., A. M.,	1
Whipple, Charles Rutledge	<i>Rockbridge Co., Va.</i>	F., G., E.,	2
White, William Scott	<i>Lexington, Va.</i>	G., M. P., M., C., A. M.,	4
White, Robert Triplett	<i>Petersburg, Va.</i>	F., GER., M., C., H., PH'Y,	2
Whittle, Fortescue	<i>Powhatan Co., Va.</i>	L., G., M., F.,	1
Williams, Robert Brady	<i>Washington, Ark.</i>	L., C. H., A. M., GEO.,	3
Wilson, John William	<i>Rockbridge Co., Va.</i>	L., G., E.,	2
Wilson, Samuel Harston	<i>Pittsylvania Co., Va.</i>	L., E., F., M.,	2
Winchester, James Ridout	<i>Annapolis, Md.</i>	M. P., C., H.,	4
Winter, Richard Howe	<i>Grenada, Miss.</i>	L., E., C., M.,	2
Wisdom, Willie Bell	<i>New Orleans, La.</i>	F., GER., E., M., H.,	1
Wisdom, Mortimer Norton	<i>New Orleans, La.</i>	LAW,	5
Wyrick, Edward J. L.	<i>Magnolia, Ark.</i>	LAW,	5

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 RESIDENT MASTERS.

WILLIAM EDMONDS, M. A.,

*Tuskegee, Ala.*

WILLIAM DANIEL VINSON, M. A.,

*Stateburg, S. C.*



RECAPITULATION.

Virginia.....	81	Maryland.....	6
Texas.....	34	West Virginia .....	5
Louisiana.....	31	New York.....	2
Alabama.....	22	Pennsylvania.....	1
Tennessee.....	17	Ohio.....	1
Missouri.....	15	Illinois.....	1
Kentucky.....	10	Iowa.....	1
Mississippi.....	9	California.....	1
Arkansas.....	8	Florida.....	1
North Carolina.....	7	Georgia.....	1
South Carolina.....	7		

Undergraduates.....	261
Resident Masters.....	2
	263

SCHOOLS ATTENDED.

Latin.....	132	Applied Mathematics.....	66
Greek.....	90	Natural Philosophy.....	18
Modern Languages.....	159	General Chemistry.....	63
English.....	94	Geology and Mineralogy.....	21
Literature.....	20	Technical Chemistry.....	10
History.....	66	Physiology.....	11
Moral Philosophy.....	24	Law.....	17
Mathematics.....	168		



## List of Proficients

IN THE SEVERAL SCHOOLS, 1871-1872.

### SCHOOL OF LATIN.

J. T. ANDERSON.....	<i>Kentucky.</i>	W. PATRICK.....	<i>Virginia.</i>
B. W. BETTIS.....	<i>S. Carolina.</i>	J. A. PRESTON.....	<i>Virginia.</i>
W. BOYLE.....	<i>Iowa.</i>	R. H. PRICE.....	<i>Missouri.</i>
J. L. CAMPBELL.....	<i>Virginia.</i>	T. B. PUGH.....	<i>Louisiana.</i>
DEL. M. CHANDLER.....	<i>Virginia.</i>	J. W. STEPHENS.....	<i>Tennessee.</i>
J. A. CORRY.....	<i>S. Carolina.</i>	C. F. WARREN.....	<i>N. Carolina.</i>
T. A. DICKEY.....	<i>Kentucky.</i>	W. S. WHITE.....	<i>Virginia.</i>
W. C. GUTHRIE.....	<i>Virginia.</i>	J. R. WINCHESTER.....	<i>Maryland.</i>
F. MONTGOMERY.....	<i>New York.</i>	E. J. L. WYRICK.....	<i>Arkansas.</i>
G. W. OWENS.....	<i>Georgia.</i>		

### SCHOOL OF GREEK.

J. T. ANDERSON.....	<i>Kentucky.</i>	T. S. PURDIE.....	<i>Virginia.</i>
J. C. CALHOUN.....	<i>Alabama.</i>	I. W. STEPHENS.....	<i>Tennessee.</i>
DEL. M. CHANDLER.....	<i>Virginia.</i>	W. D. STEPHENSON.....	<i>Tennessee.</i>
R. E. COLLINS.....	<i>Missouri.</i>	S. K. WINN.....	<i>Georgia.</i>
G. L. MORTON.....	<i>Kentucky.</i>	J. R. WINCHESTER.....	<i>Maryland.</i>
F. MONTGOMERY.....	<i>New York.</i>	E. J. L. WYRICK.....	<i>Arkansas.</i>
T. N. PAGE.....	<i>Virginia.</i>		

### SCHOOL OF MODERN LANGUAGES.

#### I. FRENCH.

J. ALDRICH.....	<i>S. Carolina.</i>	T. P. EPES.....	<i>Virginia.</i>
R. H. ALLEN.....	<i>Tennessee.</i>	J. S. FAIR.....	<i>S. Carolina.</i>
BROWN AYRES.....	<i>Louisiana.</i>	H. W. FARNHAM.....	<i>Mississippi.</i>
H. W. BARCLAY.....	<i>Virginia.</i>	H. B. FERGUSON.....	<i>Alabama.</i>
R. J. BELL.....	<i>Virginia.</i>	A. N. GORDON.....	<i>Kentucky.</i>
E. G. BROWNLEE.....	<i>Virginia.</i>	W. F. GREEN.....	<i>Arkansas.</i>
DEL. M. CHANDLER.....	<i>Virginia.</i>	J. B. GUTHRIE.....	<i>Virginia.</i>
L. B. CHANEY.....	<i>Kentucky.</i>	W. W. H. HARRIS.....	<i>Virginia.</i>
W. B. CHILDERS.....	<i>Tennessee.</i>	F. H. HEISKELL.....	<i>Tennessee.</i>
C. DESHA.....	<i>Kentucky.</i>	J. H. L. HOLCOMBE.....	<i>Virginia.</i>
C. EDMUNDSON.....	<i>Tennessee.</i>	H. T. HOWARD.....	<i>Louisiana.</i>



L. W. HUBBARD.....	<i>Alabama.</i>	S. E. F. ROSE.....	<i>Tennessee.</i>
R. K. HYAMS.....	<i>Louisiana.</i>	W. SAVILLE.....	<i>Virginia.</i>
J. L. JONES.....	<i>Virginia.</i>	C. F. SHERROD.....	<i>Mississippi.</i>
F. W. KIRCHHOFF.....	<i>Louisiana.</i>	T. B. SHERROD.....	<i>Mississippi.</i>
E. J. LEE.....	<i>Virginia.</i>	J. D. SHERWOOD.....	<i>Texas.</i>
J. E. MADISON.....	<i>Mississippi.</i>	E. W. SMITH.....	<i>New York.</i>
J. MARSHALL.....	<i>Virginia.</i>	J. W. STEPHENS.....	<i>Tennessee.</i>
J. H. MCCOWN.....	<i>Virginia.</i>	E. E. STUART.....	<i>Virginia.</i>
J. MCCOY.....	<i>W. Virginia.</i>	C. C. TRACY.....	<i>S. Carolina.</i>
R. C. PALMER.....	<i>Kentucky.</i>	C. F. WARREN.....	<i>N. Carolina.</i>
W. S. RHEA.....	<i>Tennessee.</i>	R. B. WILLIAMS.....	<i>Arkansas.</i>

II. GERMAN.

W. W. H. HARRIS.....	<i>Virginia.</i>	J. M. KEY.....	<i>Texas.</i>
I. HARRISON.....	<i>Texas.</i>	J. S. LEWIS.....	<i>Tennessee.</i>
J. L. JONES.....	<i>Virginia.</i>	R. J. RICHEY.....	<i>Texas.</i>

SCHOOL OF ENGLISH.

I. ENGLISH.

H. S. CARTER.....	<i>Texas.</i>	S. E. F. ROSE.....	<i>Tennessee.</i>
G. M. DAVIS.....	<i>Kentucky.</i>	D. E. SAYRE.....	<i>Missouri.</i>
J. L. JONES.....	<i>Virginia.</i>	C. F. SHERROD.....	<i>Mississippi.</i>
S. N. JORDAN.....	<i>Georgia.</i>	T. B. SHERROD.....	<i>Mississippi.</i>
J. M. KEY.....	<i>Texas.</i>	L. W. SIMKINS.....	<i>S. Carolina.</i>
J. E. MADISON.....	<i>Mississippi.</i>	W. S. WHITE.....	<i>Virginia.</i>
F. MONTGOMERY.....	<i>New York.</i>		

II. ENGLISH LITERATURE.

J. J. BARTON.....	<i>Virginia.</i>	J. S. LEWIS.....	<i>Tennessee.</i>
H. S. CARTER.....	<i>Mississippi.</i>	W. T. MCCUTCHAN.....	<i>Virginia.</i>
G. M. DAVIS.....	<i>Kentucky.</i>	G. W. OWENS.....	<i>Georgia.</i>
A. N. GORDON.....	<i>Kentucky.</i>	H. G. ROBERTSON.....	<i>Texas.</i>
S. N. JORDAN.....	<i>Georgia.</i>	J. W. TAYLOR.....	<i>Texas.</i>
F. R. KITTREDGE.....	<i>Louisiana.</i>		

SCHOOL OF MORAL PHILOSOPHY.

J. ALDRICH.....	<i>S. Carolina.</i>	G. W. OWENS.....	<i>Georgia.</i>
L. BERKELEY.....	<i>Virginia.</i>	T. N. PAGE.....	<i>Virginia.</i>
J. S. FAIR.....	<i>Louisiana.</i>	H. G. ROBERTSON.....	<i>Texas.</i>
J. N. GREEN.....	<i>Arkansas.</i>	A. W. RUFF.....	<i>Virginia.</i>
W. S. JONES.....	<i>Virginia.</i>	W. D. STEPHENSON.....	<i>Texas.</i>
K. R. OWEN.....	<i>Maryland.</i>	J. W. TAYLOR.....	<i>Texas.</i>



## SCHOOL OF HISTORY.

J. J. BARTON.....	Virginia.	F. R. KITTREDGE .....	Louisiana.
H. S. CARTER.....	Texas.	E. J. LEE .....	Virginia.
J. S. FAIR.....	Louisiana.	J. S. LEWIS.....	Tennessee.
A. N. GORDON.....	Kentucky.	W. T. McCUTCHAN.....	Virginia.
M. G. HARMAN.....	Virginia.	K. R. OWEN.....	Maryland.
W. R. JOHNSTON.....	N. Carolina.	T. B. SHERROD.....	Mississippi.
F. W. KIRCHHOFF .....	Louisiana.	J. D. SHERWOOD.....	Texas.

## SCHOOL OF MATHEMATICS.

S. H. CHESTER.....	Arkansas.	JULIUS KRUTTSCHNITT .....	Louisiana.
R. E. COLLINS.....	Missouri.	W. M. RANSOM.....	N. Carolina.
CAVE DESHA.....	Kentucky.	W. D. STEPHENSON.....	Tennessee.
G. M. EFFINGER.....	Virginia.	J. B. WALLER .....	Illinois.
W. D. JOHNSON.....	Arkansas.		

## SCHOOL OF APPLIED MATHEMATICS.

## ENGINEERING.

J. C. CALHOUN.....	Alabama.	W. G. McDOWELL .....	Virginia.
C. DESHA.....	Kentucky.	W. H. SHIELDS.....	Mississippi.
P. B. HOUSTON.....	Texas.		

## SCHOOL OF CHEMISTRY.

## I. GEOLOGY AND MINERALOGY.

J. C. CALHOUN .....	Alabama.	W. S. RHEA .....	Tennessee.
W. F. GREEN .....	Arkansas.	W. SAVILLE.....	Virginia.
P. B. HOUSTON .....	Texas.	J. J. SHANER.....	Virginia.
T. M. JACKSON.....	W. Virginia.	C. F. SHERROD.....	Mississippi.
J. W. MERIWETHER.....	Kentucky.	D. WALDO.....	Missouri.
R. S. PAYNE.....	Virginia.	M. N. WISDOM .....	Louisiana.

## II. THEORETICAL CHEMISTRY.

W. C. AYRES.....	Louisiana.	L. RUST .....	Virginia.
W. A. DABNEY .....	Georgia.	C. F. SHERROD.....	Mississippi.
T. F. DICKEY.....	Kentucky.	T. B. SHERROD.....	Mississippi.
A. N. GORDON.....	Kentucky.	W. D. STEPHENSON .....	Tennessee.
T. M. JACKSON.....	W. Virginia.	S. K. WINN.....	Georgia.
T. S. PURDIE.....	Virginia.		

## III. SCHOOL OF CHEMISTRY.

WM. BOYLE.....	Iowa.	J. W. MERIWETHER.....	Kentucky.
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## SCHOOL OF NATURAL PHILOSOPHY.

C. DESHA.....	Kentucky.	W. G. McDOWELL.....	Virginia.
P. B. HOUSTON .....	Texas.	W. S. RHEA.....	Tennessee.
C. MERIWETHER.....	Kentucky.	W. H. SHIELDS.....	Mississippi.



## List of Distinguished Proficients

IN THE SEVERAL SCHOOLS, 1871-1872.

## SCHOOL OF LATIN.

J. P. BOCK ..... <i>Virginia.</i>	W. W. H. HARRIS..... <i>Virginia.</i>
J. C. CALHOUN..... <i>Alabama.</i>	T. J. KERNAN ..... <i>Louisiana.</i>
C. EDMUNDSON..... <i>Tennessee.</i>	S. T. MORELAND..... <i>Louisiana.</i>
J. B. GUTHRIE ..... <i>Virginia.</i>	H. St. G. TUCKER..... <i>Virginia.</i>

## SCHOOL OF GREEK.

WM. BOYLE..... <i>Iowa.</i>	T. J. KERNAN..... <i>Louisiana.</i>
F. G. BUFORD..... <i>Tennessee.</i>	S. T. MORELAND..... <i>Louisiana.</i>
C. EDMUNDSON..... <i>Tennessee.</i>	W. H. TAYLOR ..... <i>Alabama.</i>
W. W. H. HARRIS..... <i>Virginia.</i>	H. St. G. TUCKER..... <i>Virginia.</i>

## SCHOOL OF MODERN LANGUAGES.

## I. FRENCH.

J. P. BOCK..... <i>Virginia.</i>	R. H. PRICE..... <i>Missouri.</i>
F. G. BUFORD..... <i>Tennessee.</i>	W. W. TOPP ..... <i>Mississippi.</i>
T. A. DICKEY..... <i>Kentucky.</i>	H. St. G. TUCKER..... <i>Virginia.</i>
W. D. JOHNSON ..... <i>Arkansas.</i>	F. WEBER ..... <i>S. Carolina.</i>
G. L. MORTON..... <i>Kentucky.</i>	

## II. GERMAN.

J. M. DAWSON..... <i>Ohio.</i>	W. PATRICK..... <i>Virginia.</i>
T. J. KERNAN..... <i>Louisiana.</i>	T. S. PURDIE..... <i>Virginia.</i>
F. W. KIRCHHOFF..... <i>Louisiana.</i>	W. H. TAYLOR ..... <i>Alabama.</i>
W. T. McCUTCHAN..... <i>Virginia.</i>	W. W. TOPP..... <i>Mississippi.</i>



## SCHOOL OF ENGLISH.

## I. ENGLISH LANGUAGE.

R. H. ALLEN.....	Tennessee.	T. J. KERNAN.....	Louisiana.
J. M. BANISTER.....	Alabama.	J. K. LAKE.....	Kentucky.
F. G. BUFORD.....	Kentucky.	W. M. MCPHEETERS.....	Virginia.
J. C. CALHOUN.....	Alabama.	J. S. PURDIE.....	Virginia.
F. FIELD.....	Missouri.	M. W. RANSOM.....	N. Carolina.
H. B. FERGUSON.....	Alabama.	R. J. RICHEY.....	Texas.
J. B. GUTHRIE.....	Virginia.	W. SAVILLE.....	Virginia.
R. D. HAISLIP.....	Arkansas.	J. W. STEPHENS.....	Tennessee.
F. H. HEISKELL.....	Tennessee.	W. W. TOPP.....	Mississippi.
W. D. JOHNSON.....	Arkansas.	M. N. WISDOM.....	Louisiana.

## II. ENGLISH LITERATURE.

R. W. COFFIN.....	Tennessee.	W. PATRICK.....	Virginia.
J. S. FAIR.....	Louisiana.	S. E. F. ROSE.....	Tennessee.
T. J. KERNAN.....	Louisiana.	W. D. VINSON.....	S. Carolina.
F. MITCHELL.....	Georgia.	C. F. WARREN.....	N. Carolina.
B. S. MOORE.....	Texas.		

## SCHOOL OF MORAL PHILOSOPHY.

S. H. CHESTER.....	Arkansas.	J. S. LEWIS.....	Tennessee.
R. W. COFFIN.....	Tennessee.	F. H. MITCHELL.....	Georgia.
R. E. COLLINS.....	Missouri.	B. S. MOORE.....	Texas.
W. A. DABNEY.....	Georgia.	M. W. RANSOM.....	N. Carolina.
H. B. FERGUSON.....	Alabama.	W. SAVILLE.....	Virginia.
J. B. GUTHRIE.....	Virginia.	J. W. STEPHENS.....	Tennessee.
F. H. HEISKELL.....	Tennessee.	W. D. VINSON.....	S. Carolina.
W. D. JOHNSON.....	Arkansas.	S. K. WINN.....	Georgia.
J. K. LAKE.....	Kentucky.		

## SCHOOL OF HISTORY.

F. MITCHELL.....	Georgia.	W. W. TOPP.....	Mississippi.
L. RUST.....	Virginia.	W. D. VINSON.....	S. Carolina.

## SCHOOL OF MATHEMATICS.

W. E. EDMONDS.....	Alabama.	R. H. PRICE.....	Missouri.
J. B. GUTHRIE.....	Virginia.	W. H. TAYLOR.....	Alabama.
R. D. HAISLIP.....	Arkansas.		



SCHOOL OF APPLIED MATHEMATICS.

ENGINEERING.

C. N. MERIWETHER..... <i>Kentucky.</i>		F. A. WADDILL..... <i>S. Carolina.</i>
E. F. OFFICER..... <i>Arkansas.</i>		

SCHOOL OF CHEMISTRY.

I. GEOLOGY AND MINERALOGY.

H. W. FARNHAM..... <i>Mississippi.</i>		W. T. MCCUTCHAN..... <i>Virginia.</i>
J. KRUTTSCHNITT..... <i>Louisiana.</i>		F. WERBER..... <i>S. Carolina.</i>

II. THEORETICAL CHEMISTRY.

F. G. BUFORD..... <i>Tennessee.</i>		R. D. HAISLIP..... <i>Arkansas.</i>
J. L. CAMPBELL..... <i>Virginia.</i>		W. D. JOHNSON.. .. <i>Arkansas.</i>
S. H. CHESTER.. .. <i>Arkansas.</i>		M. W. RANSOM..... <i>N. Carolina.</i>
R. E. COLLINS..... <i>Missouri.</i>		W. SAVILLE .....
W. EDMONDS..... <i>Alabama.</i>		<i>Virginia.</i>

III. SCHOOL OF CHEMISTRY.

J. KRUTTSCHNITT..... <i>Louisiana.</i>		W. S. RHEA..... <i>Tennessee.</i>
J. S. LEWIS .....		F. WERBER..... <i>S. Carolina.</i>
<i>Tennessee.</i>		

SCHOOL OF NATURAL PHILOSOPHY.

E. F. OFFICER..... <i>Arkansas.</i>		B. H. WADDELL .....
		<i>Virginia.</i>

SCHOOL OF LAW AND EQUITY.

*Junior Law.*

R. A. CAMPBELL..... <i>Virginia.</i>		B. S. MOORE..... <i>Texas.</i>
H. S. CARTER .....		J. L. M. PURTLE..... <i>Texas.</i>
<i>Mississippi.</i>		
C. A. GRAVES .....		T. F. WEST.....
<i>Virginia.</i>		<i>Virginia.</i>



## Graduates.—1871-'72.

### V. Degrees.

#### I. PROFESSIONAL DEGREES.

##### CIVIL ENGINEER.

J. C. CALHOUN.....	Alabama.	W. G. McDOWELL.....	Virginia.
C. DESHA.....	Kentucky.	E. F. OFFICER.....	Arkansas.
P. B. HOUSTON.....	Texas.	W. H. SHIELDS.....	Mississippi.
C. N. MERIWETHER.....	Kentucky.	F. A. WADDILL.....	S. Carolina.

##### BACHELOR OF LAW.

W. E. ATKINSON.....	Arkansas.	W. N. JOHNSTON.....	Virginia.
L. DESHA.....	Kentucky.	J. A. KIRKPATRICK.....	Virginia.
A. EDMISTON.....	W. Virginia.	M. KLEBERG.....	Texas.
H. FARRAR.....	Louisiana.	E. B. KRUTTSCHNITT.....	Louisiana.
S. R. FISHER.....	Texas.	J. A. LACY.....	Missouri.
W. S. GRAVES.....	Virginia.	J. A. MCRAE.....	Arkansas.
W. J. HEYWARD.....	S. Carolina.	T. H. SOMERVILLE.....	Virginia.
J. M. JAYNE.....	Mississippi.	C. B. THOMAS.....	Virginia.

#### II. ACADEMIC DEGREES.

##### BACHELOR OF PHILOSOPHY.

J. S. LEWIS.....	Tennessee.	W. T. McCUTCHAN.....	Virginia.
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##### BACHELOR OF SCIENCE.

J. C. CALHOUN.....	Alabama.	W. G. McDOWELL.....	Virginia.
C. DESHA.....	Kentucky.	E. F. OFFICER.....	Arkansas.
C. N. MERIWETHER.....	Kentucky.	W. H. SHIELDS.....	Mississippi.

##### BACHELOR OF ARTS.

J. T. ANDERSON.....	Kentucky.	M. W. RANSOM.....	N. Carolina.
S. H. CHESTER.....	Arkansas.	J. W. STEPHENS.....	Tennessee.
R. E. COLLINS.....	Missouri.	W. D. STEPHENSON.....	Tennessee.
H. B. FERGUSON.....	Alabama.	W. SAVILLE.....	Virginia.
J. B. GUTHRIE.....	Virginia.	E. J. L. WYRICK.....	Arkansas.
W. D. JOHNSON.....	Arkansas.		

##### MASTER OF ARTS.

WM. EDMONDS.....	Alabama.	W. D. VINSON.....	S. Carolina.
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The RESIDENT MASTERSHIPS, for the years 1872-'74, were conferred upon :

WILLIAM EDMONDS.....Alabama.  
 WILLIAM D. VINSON.....S. Carolina.

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The HONORARY SCHOLARSHIPS, for the session 1872-'73, were conferred as follows :

BY THE PRESIDENT.

J. M. BANISTER.....Alabama.

IN THE SCHOOLS OF LATIN, GREEK AND MATHEMATICS.

J. H. McCOWN.....Virginia.  
 W. C. STEELE.....Virginia.

IN THE SCHOOLS OF APPLIED MATHEMATICS, NATURAL PHILOSOPHY AND CHEMISTRY.

F. WERBER.....S. Carolina.

IN THE SCHOOLS OF MODERN LANGUAGES, HISTORY, ENGLISH, AND MORAL PHILOSOPHY.

T. J. KERNAN.....Louisiana.

TAYLOR PRIZE SCHOLARSHIP.

C. A. DESHON.....Alabama.

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The ROBINSON PRIZE MEDALS, for the session 1871-'72, were conferred as follows :

IN THE SCHOOLS OF LATIN, GREEK, AND MATHEMATICS.

W. H. TAYLOR.....Alabama.



WASHINGTON AND LEE UNIVERSITY.

IN THE SCHOOLS OF APPLIED MATHEMATICS, NATURAL PHILOSOPHY AND CHEMISTRY.

E. F. OFFICER.....*Arkansas.*

IN THE SCHOOLS OF MODERN LANGUAGES, ENGLISH, HISTORY AND MORAL PHILOSOPHY.

G. SANTINI.....*Louisiana.*

The COMMENCEMENT ORATIONS, 1872, were awarded as follows :

CINCINNATI ORATION.

W. D. VINSON, M. A.....*S. Carolina.*

UNIVERSITY PRIZE ESSAY.

J. S. LEWIS, B. P.....*Tennessee.*

VALEDICTORY ORATION.

S. H. CHESTER, A. B.....*Arkansas.*

HONORARY DEGREES,

CONFERRED BY THE BOARD OF TRUSTEES, JUNE 27TH, 1872.

L. L. D.

HON. RICHARD C. L. MONCURE, President of the Court of Appeals of Va.  
HON. WILLIAM T. JOYNES, late a member of the Court of Appeals of Va.

D. D.

REV. ALEXANDER MCAUSLANE, of Finsbury Chapel, London.  
REV. THOMAS L. PRESTON, Pastor of First Presbyterian Church, Richmond, Va.



## ORGANIZATION.

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The Course of Study is divided into the following distinct Schools. The Student is allowed to select any studies which he may be prepared to attend.

### SCHOOL OF LATIN.

PROFESSOR HARRIS.

ADJUNCT PROFESSOR HUMPHREYS.

INSTRUCTOR: MR. EDMONDS.

Applicants for admission into this School should be accurately acquainted with the *forms*, and have such familiarity with the fundamental rules of Syntax as will enable them to construe correctly the easier authors. Such attainments may be made by mastering an elementary grammar and exercise book, a Latin Reader, Cæsar, Sallust, and Ovid.

There are three classes in this School:

#### *I. Junior Class.*

In this class there are two Divisions.—1. The Second Division read Cæsar, Sallust, Ovid; Gildersleeve's Grammar and Exercises are used here. 2. The First Division read Sallust, Cicero's Orations, and Virgil. Same Grammar and Exercise Book as in the other Division. The elements of Roman Geography and Antiquities are taught in this class. (Six recitations per week.)

#### *II. Intermediate Class.*

Authors read: Livy, Cicero, Virgil. Written exercises in translating English into Latin form a leading feature in the instruction of this class, and of the Senior class also. Grammars used: Gildersleeve's, and Zumpt's or Madvig's. (Three recitations per week.)

#### *III. Senior Class.*

The authors read are Tacitus, Horace, Selections from minor Poets, Juvenal, Terence. Roman Literature. (Three recitations per week.)

The whole course is required for Proficiency in this School; also Proficiency in Roman History, which is taught in the School of History.



## SCHOOL OF GREEK.

PROFESSOR WHITE.

ADJUNCT PROFESSOR HUMPHREYS.

In this School there are three classes :

*I. Junior Class.*

This class read Xenophon's Anabasis and Memorabilia, and are instructed in the principles and structure of the language, as exemplified by regular exercises in Greek composition. Curtins' Grammar. The forms of the language are taught in this class. (Six recitations per week.)

*II. Intermediate Class.*

The authors read in this class are Demosthenes and Plato. Exercises in Greek Composition, and a course of lectures on Syntax. (Three recitations per week.)

*III. Senior Class.*

The authors read are Euripides, Thucydides, Sophocles, and Homer. Exercises in Greek Composition. (Three recitations per week.)

The History of Greek Literature is taught by lectures. Greek History is taught in the School of History. In addition to what is read in the lecture room, candidates for Proficiency in Greek are expected to read extensively in such authors as the Professor may indicate, and to study regularly some standard Grammar, such as Curtins or Goodwin's.

The whole course is required for Proficiency in this School.

## SCHOOL OF MODERN LANGUAGES.

PROFESSOR JOYNES.

ASS'T PROFESSOR GRAVES.

INSTRUCTOR: MR. KRUTTSCHNITT.

The languages regularly taught in this School are French and German. Spanish and Italian will be taught when required.

In each language there are two classes, junior and senior. The junior classes begin with the first elements. For admission into



a senior class the entire junior course, or its fair equivalent, is required. Instruction in the junior courses is given in the Summer School.

*Text-Books.*

FRENCH.—*Junior Class.*—Joynes' Introduction to French Pronunciation. Otto's French Grammar, and, Böcher's Reader. Xavier de Maistre, Oeuvres.

*Senior Class.*—Littérature Française 'Contemporaine' and 'Classique' (Holt & Williams.) Students' Classic French Plays, Professor's edition. Grammatical Exercises continued. Spiers & Surene's Dictionary.

GERMAN.—*Junior Class.*—Whitney's German Grammar; Gräuert's German Reader.

*Senior Class.*—Whitney's Grammar and Reader. Schiller's Plays. Selected Modern Authors. Adler's or Koehler's Dictionary.

In addition to the above text-books, candidates for distinguished proficiency are required to read a prescribed course of literature and to write exercises, both of dictation and translation, in French and German.

Each class in this School recites three times a week.

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SCHOOL OF ENGLISH LANGUAGE AND  
LITERATURE.

For the present, the instruction in this School is divided among the Professors of Modern Languages, Moral Philosophy, and History, aided by an Assistant Professor. The course of instruction is arranged as follows:

I. ENGLISH LANGUAGE.

*Junior Class.*—Ass't Professor GRAVES.

In this class are studied the grammatical forms of the language, its structure and idioms. Exercises are given in grammatical analysis, construction, and criticism; also in reading, writing,



elocution, and composition. The studies in this class are made, as far as possible, practically useful both for the general scholar and for those who wish to pursue the higher studies in this School.

*Text-Books.*

Bingham's English Grammar; Dalgleish's Grammatical Analysis; Hart's Composition and Rhetoric, and an English Reading Book.

*Senior Class, including Philology.*—Professor JOYNES.

This course embraces: 1st, a philosophical review of the principles of the English Grammar, with reference to the origin, history, and philological relations of the language; and 2d, the study of the older forms of the language, with reference chiefly to the illustration of the existing forms and idioms. Practical exercises are continued.

This course is conducted chiefly by the Professor's lectures and syllabus. Text-books are indicated as required.

For admission into this class, in addition to the junior English course it is desirable that the student should have completed the junior course in Latin, and in at least one of the Modern Languages.

II. RHETORIC.—Professor KIRKPATRICK.

The instruction begins at the point in which Grammar proper and Rhetoric meet. In the first half-session, it is chiefly elementary and practical; in the second half-session, the more philosophical aspect of Rhetoric, especially its relations to Logic, come into view. Particular attention is given to Pronunciation, Worcester's Dictionary being the standard.

Frequent exercises are employed in dictation and original composition.

Text-Books: In the former part of the course Bain's Rhetoric; in the latter part, Whateley's Rhetoric, with reference to Campbell and Blair.

III. ENGLISH LITERATURE.—Professor JOHNSTON.

In this class the study of Literature is pursued in its History, and in the master-pieces of its great authors; and the student is



exercised in the preparation of original essays and orations. The instruction is conducted principally by lecture. For admission into this class, the student ought to have completed the entire course of the English Language.

*Text-Books.*

Shaw's History of English Literature; Taine's English Literature; Shakespeare; Goodrich's British Eloquence.

This course is requisite for Proficiency in ENGLISH LITERATURE, or in the entire School of ENGLISH LANGUAGE AND LITERATURE.

Each class in this School recites three times a week.

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SCHOOL OF MORAL PHILOSOPHY.

PROFESSOR KIRKPATRICK.

The subjects taught in this School are: The Philosophy of the Mind; Logic; Ethics or Moral Philosophy proper; and the Evidences of Christianity. The instruction is partly by the use of text-books, and partly by lectures. Essays on the subjects within the scope of the instruction are required from time to time, as the Professor deems them important.

There are two classes, Junior and Senior, each meeting the Professor three times a week throughout the session. The leading topics brought under examination are the same in both classes, but in the Senior the range of investigation is much enlarged.

The Junior course is required for the Degree of A. B.; the part of the course embracing Ethics and the Evidences of Christianity is required for the Degree of B. S.; and both courses are required for the Degrees of B. P., and of M. A.

The text-books of the Junior course will be named hereafter; those of the Senior are Hamilton's Metaphysics; Bowen's Logic; Butler's Analogy; Paley's Evidences; with readings, as far as practicable, in Reid's Intellectual Philosophy, including Hamilton's Notes and Dissertations; Cousin's Criticism of Locke; Jouffroy's Introduction; Thornwell's Discourses on Truth.



## SCHOOL OF HISTORY AND POLITICAL ECONOMY.

PROFESSOR JOHNSTON.

In this School there are two classes :

## I. ANCIENT HISTORY.

*Text-Books.*

Smith's Greece, Liddell's Rome, and Student's Gibbon.

## II. MODERN HISTORY.

*Text-Books.*

Hume's England; Guizot's History of Civilization; Arnold's Lectures on Modern History.

Both Ancient and Modern History are required for Proficiency in this School. In addition to the text-books, parallel readings in standard authors are prescribed. The instruction is in part by recitation, verified by frequent written examinations; and in part by Lectures. Three lessons a week in each class.

## SCHOOL OF MATHEMATICS.

PROFESSOR NELSON.

ASS'T PROFESSOR WADDELL.

In this School there are three classes :

I. *Junior Class.*

In this class are taught the Theory of Numbers, Algebra, and Geometry. (Six recitations per week.)

In order that students may enter this class, they must be familiar with Arithmetic, and have some acquaintance with the fundamental principles of Algebra and Geometry.

II. *Intermediate Class.*

This class studies Plane and Spherical Trigonometry, Analytical Geometry, and an elementary course in Differential and Integral Calculus. (Four recitations per week.)

III. *Senior Class.*

This class completes the Differential and Integral Calculus, and studies Elliptic Functions and the Philosophy of Mathematics. (Three recitations per week.)



In all the classes, the students are subjected to rigid examination in the class-room, and are carefully trained in making accurate demonstrations at the black-board. Much importance is attached to the original solution of problems so selected as to afford applications of the principles taught in the class-room.

*Text-Books.*

Ray's Algebra; Tappan's Geometry, (Ray's series); Ray's Trigonometry; Puckle's Conic Sections, with Courtenay's Notes, and Lectures by the Professor; Olney's General Geometry and Calculus; Courtenay's Calculus; Comte's Philosophy of Mathematics; Verhulst's Elliptic Functions.

The whole of the above course is requisite for the Degree of MASTER OF ARTS or BACHELOR OF SCIENCE. The requisites for the Degree of BACHELOR OF ARTS are the subjects embraced in the junior and intermediate classes.

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SCHOOL OF APPLIED MATHEMATICS.

PROFESSOR ALLAN.

ASS'T PROFESSOR DUNLAP.

*I.—ENGINEERING.*

*A.—CIVIL ENGINEERING.*

The course in Civil Engineering embraces three classes, and is divided as follows.

*I. Junior Class.*

FIRST DIVISION.

1. Land and Geodesical Surveying, Levelling, Determination of Heights and Distances, Laying out Roads and other Engineering works, Theory and Use of Instruments. 2. Construction of Roads and Railroads.

(Three recitations per week during the whole session, with Field practice in afternoon.)

SECOND DIVISION.

1. Descriptive Geometry, and its applications to Stone Cutting and Carpentry. 2. Industrial Drawing by Projection and Perspective. 3. Topographical Drawing, and Construction of Maps.

(Three recitations per week during the whole session.)



*Text - Books.*

In 1st Div., Davies' Surveying; Gillespie's Roads and Railroads; Henck's Field Book for Engineers. In 2d Div., Church's Descriptive Geometry; Dobson on Stone Cutting; Appleton's Drawing, &c.; Smith's Topographical Drawing.

*II. Intermediate Class.*

1. Properties of Materials. 2. Limes, Mortars, Hydraulic Cements, &c. 3. Resistance of Materials. 4. Earthwork. 5. Foundations. 6. Masonry and Brickwork, Stability of Retaining and other Walls. 7. Theory of Arches. 8. Carpentry, embracing Joints, Frames, Trusses; Iron Beams and Roofs. 9. Bridges of Wood, Iron, Stone. 10. Tunnels. 11. Flow of Water in Pipes, Reservoirs, Water Supply, Sewerage, Drainage and Irrigation. 12. Canals. 13. River, Harbour, and Coast Works. 14. Orders and Styles of Architecture. 15. Drawing.

(Six lectures per week.)

*Text - Books.*

The instruction in this class is largely given by Lectures; but Mahan's Civil Engineering, Downing's Practical Hydraulics, Leeds', and Parker's Architecture are used.

*III Senior Class.*

The course in this class consists of Rankine's Civil Engineering, and Parts I. and II. of the same Author's Applied Mechanics, with practical exercises, and Drawing.

(Three lectures per week.)

**B.—MILITARY ENGINEERING.**

In this class will be taught the principles of Fortification and Gunnery.

*II.—ASTRONOMY.*

The course in Astronomy embraces two classes:

*I. Junior Class.*

The time of this class for the first half-session is occupied principally with a course of Descriptive Astronomy. It is conducted with reference to the double purpose of meeting the demands of general culture in this direction, and of serving as a useful introduction to the more extensive and special prosecution of the science. The remainder of the year is devoted to Spherical Astronomy and Higher Geodesy. (Three lectures per week)

*Text - Books.*

White; Proctor; Norton; Lectures.



*II. Senior Class.*

Physical Astronomy. (Three lectures per week.)

*Text-Book.*

Pontécoulant, Système du Monde.

The Junior and Intermediate classes in Civil Engineering and the Junior class in Astronomy, together with either the Senior class in Civil Engineering or that in Astronomy, are requisite for Proficiency in this School. The Junior, Intermediate and Senior classes in Civil Engineering, and the Junior class in Astronomy are requisite for the Degrees of Civil Engineer and Mining Engineer.

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**SCHOOL OF NATURAL PHILOSOPHY.**

PROFESSOR McCULLOCH.

The subjects taught in this School are :

1. The Properties of Matter, such as Gravitation, Molecular Action, etc.
2. Mechanics of solids and fluids
3. Heat and its application to Steam, etc.
4. Electricity and Magnetism, with their applications to telegraphing, etc.
5. Light, or Optics.
6. Sound, or Acoustics.

As it is impossible to teach in a single year all the subjects embraced in this School, the class is divided into three sections, pursuing the following courses :

*I. Junior Course.*

This section studies Elementary Mechanics and Physics; six lessons per week. No Mathematics is required except the elements of Geometry, Algebra and Trigonometry. Candidates for the Literary Baccalaureate Degrees are required to pursue only this more superficial course.

*II. Senior Course.*

Engineering students and candidates for the degrees of B. S. and A. M., are required to study this advanced mathematical course, in which six lessons are given per week. The subjects are:

1. Analytical Mechanics.
2. Thermodynamics.
3. Acoustics.
4. The Wave Theory of Light.
5. Radiant Heat.



Students who desire to pursue this higher and more thorough course, must be well prepared on all the subjects taught in the Senior Mathematical class.

### III. Applied Course.

This course is intended for the benefit of engineering students, and is required for their degrees only. It embraces:

1. Cinematics, pure and applied, or the principles of Mechanism. 2. Construction of Machines. 3. Heat applied to Warming, Ventilation, Steam Engines, Furnaces, etc. 4. Electricity applied to Clock-work, Telegraphic and other Machinery.

Such of these subjects will be treated of each year as the time may allow. Candidates for Engineering degrees, before entering either of the advanced classes of this School, must have completed the full course in the French language and descriptive Geometry. They must also be able to make in a neat, exact and workman-like manner, all such drawings of machines, etc., as will be required of them, both in projection and in perspective.

The text-books used at present are: Balfour Stewart's Lessons in Elementary Physics; Ganot's Physics; Bartlett's Analytical Mechanics; Rankine's Applied Mechanics, and his Treatise on the Steam Engine; Bour's Cours de Mécanique et des Machines à l'École Polytechnique; Autographed lessons on Thermodynamics; Wave Theory of Light in Airy's Mathematical Tracts; and Willis' Principles of Mechanism.

## SCHOOL OF CHEMISTRY, MINERALOGY AND GEOLOGY.

PROFESSOR CAMPBELL.

In this School there are two classes. The studies are divided as follows:

### I. Class in General Chemistry.

1. CHEMICAL PHYSICS.—Embracing Light, Heat and Electricity, with the relation of these agencies to each other, and to the science of Chemistry.

2. INORGANIC CHEMISTRY.—In which are discussed the use of chemical symbols and nomenclature; the laws of chemical affinity; electro chemical decomposition; the atomic theory, and the theory of volumes; the chemistry of the



metals; the relation of Chemistry to Mineralogy, and the general principles of inorganic analysis.

3. ORGANIC CHEMISTRY.—Involving a discussion of the composition and properties of the proximate constituents of plants and animals; the changes produced by fermentation, and by light, heat, and chemical re-agents; the theory of compound radicals; the properties of vegetable acids and alkaloids, and the principles and processes of organic analysis.

4. PHYSIOLOGICAL CHEMISTRY.—Including the connection of vitality with chemical action in both plants and animals, as illustrated in growth, nutrition, and respiration.

5. An outline history of the origin and gradual development of chemical science.

This class meets the Professor in the Laboratory on six days of every week. Three days are devoted to lectures, illustrated by elaborate experiments; the other three days to recitations on the lectures and text-books.

Solutions of scientific problems, with written exercises and essays on the subjects of study, are assigned frequently throughout the session.

#### *Text-Books.*

"Roscoe's Elements," and "Fownes' Chemistry," with other books for reference.

#### *II. Class in Geology.*

The course of Mineralogy and Geology will occupy three hours per week in lectures and recitations, for the entire year.

The study of *Mineralogy* will be preparatory to Geology, and be directed chiefly to the valuable metallic ores, and such other minerals as are especially useful in the arts. The leading objects will be to make the student familiar with:

1. The external properties of all important minerals as they are found in the earth.
2. The methods of testing them with chemical re-agents and with the blow-pipe.
3. Their practical value and relation to the arts, and to the science of Geology.

*Geology* will be taught with reference both to its scientific and practical bearings:

1. As relating to the physical structure of the Earth's crust, its various constituents, the relative position of its valuable minerals, and the history of different geological periods.



2. With reference to its practical relation to Mining, Engineering, and Agriculture.

3. Its relations to Physical Geography.

This course will be illustrated by a large and varied collection of all the important minerals and ores, and the building materials used in Engineering and Architecture; and by numerous Maps and Sections taken from Reports on the Geology of different countries.

*Text-Books.*

Dana's Mineralogy; Dana's Manual of Geology. Other authors used for reference.

Contributions to the Cabinet of Natural History and Geology are earnestly solicited from the friends of the Institution.

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### SCHOOL OF APPLIED CHEMISTRY.

PROFESSOR PRATT.

This School covers a course of two years. The studies are divided as follows:

*First Year.*

The growth, structure and relations of Plants and Animals. Zoology. The relations of these to Soils and Fertilizers. Human and comparative Physiology and Physiological Chemistry. Agricultural Chemistry.

*Text-Books.*

Gray's Botanical Text-book; Agassiz and Gould's Zoology; Johnson's How Crops Grow; Johnson's How Crops Feed.

Each subject is illustrated throughout the session by lectures three times a week.

*Second Year.*

1. Each student in this School is required to work daily during the year in the Laboratory, and to complete a full course in qualitative and quantitative Analysis (including Blow-pipe Assays and Volumetric Analysis) of Ores, Minerals, Chemicals, Commercial Products, Fertilizers, Mineral Waters, &c., &c.

2. To attend lectures three times weekly on Exploration, Opening and Ventilation of Mines; preparation of Ores; Metallurgy and the working of Metals, Chemicals Manufactories, and Chemistry applied to Agriculture and the Mechanical Arts.



*Text-Books.*

Fresenius' Qualitative Analysis; Fresenius' Quantitative Analysis; Plattner's Blow-pipe Analysis; Wagner's Chemical Technology.

Students will be charged with the apparatus and material consumed by themselves.

In connection with this department the Trustees have recently supplied facilities for the most thorough study of the above branches, and will continue to add thereto as occasion may require.

A reading room and library of reference is directly connected with the Laboratory, and is open at all times to the students of this School. It contains the most valuable works on the various subjects taught in the School, viz: General, Analytical and Technical Chemistry, Mining, Metallurgy, Physiology, &c.,—together with a full assortment of the best Journals relating to these subjects. Unusual facilities are thus offered to the student, without extra expense.

To such students as desire to visit well developed mining and manufacturing establishments during the vacation, facilities will be obtained for their admission.

The full course is required for the agricultural and scientific degrees. The second year's course is required for the professional degree.

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## CIVIL AND MINING ENGINEERING.

The following schedule shows the Schools included in these courses, and the order in which the classes should be attended.

### I.—CIVIL ENGINEERING.

*(Including Mechanical and Topographical Engineering and Architecture.)*

This course extends over three years, and students desiring to enter it must have previously completed the junior course in Mathematics, embracing Algebra, Plane Geometry, and Trigonometry; and must possess a proper knowledge of the English language.



*First Year.*

PURE MATHEMATICS. <i>Intermediate Class</i> .....	Prof. NELSON.
GENERAL CHEMISTRY.....	Prof. CAMPBELL.
CIVIL ENGINEERING and DRAWING. <i>Junior Class</i> .....	Prof. ALLAN.
FRENCH.....	Prof. JOYNES.
ENGLISH.....	_____

*Second Year.*

PURE MATHEMATICS. <i>Senior Class</i> .....	Prof. NELSON.
PHYSICS and MECHANICS.....	Prof. McCULLOCH.
CIVIL ENGINEERING and DRAWING. <i>Intermediate Class</i> ...	Prof. ALLAN.
FRENCH.....	Prof. JOYNES.

*Third Year.*

CIVIL ENGINEERING. <i>Senior Class</i> .....	Prof. ALLAN.
MINERALOGY and GEOLOGY.....	Prof. CAMPBELL.
PHYSICS and MECHANICS, ( <i>completed</i> ,).....	Prof. McCULLOCH.
ASTRONOMY.....	Prof. ALLAN.

## II.—MINING ENGINEERING.

(Including Chemical Analysis, Geology and Metallurgy.)

*First Year.*

Same as in preceding course.

*Second Year.*

PURE MATHEMATICS. <i>Senior Class</i> .....	Prof. NELSON.
PHYSICS and MECHANICS.....	Prof. McCULLOCH.
CIVIL ENGINEERING and DRAWING. <i>Intermediate Class</i> ...	Prof. ALLAN.
GERMAN or FRENCH.....	Prof. JOYNES.

*Third Year.*

ANALYTICAL CHEMISTRY.....	Prof. PRATT.
MINERALOGY and GEOLOGY.....	Prof. CAMPBELL.
TUNNELS, SHAFTS, ARCHES, &c.....	Prof. ALLAN.
PHYSICS and MECHANICS, ( <i>completed</i> ,).....	Prof. McCULLOCH.
MINING and METALLURGY.....	Prof. PRATT.

Degrees will be awarded to students in these courses who pass a satisfactory examination, and submit such plans, drawings, specifications, calculations, &c., as may prove their ability to take charge of and direct professional work.



## COURSE OF AGRICULTURE.

*First Year.*

1. JUNIOR COURSE OF APPLIED MATHEMATICS, embracing  
Land Surveying, Drawing, &c.....Prof. ALLAN.
2. ROADMAKING, DRAINING, &c.....Prof. ALLAN.
3. JUNIOR MECHANICS, &c.....Prof. McCULLOCH.
4. GENERAL CHEMISTRY.....Prof. CAMPBELL.
5. PLANTS and ANIMALS.....Prof. PRATT.
6. ENGLISH.....

*Second Year.*

1. CONSTRUCTION OF BUILDINGS, &c.....Prof. ALLAN.
2. AGRICULTURAL and OTHER MACHINES.....Prof. McCULLOCH.
3. MINERALOGY and GEOLOGY.....Prof. CAMPBELL.
4. AGRICULTURAL CHEMISTRY.....Prof. PRATT.
5. PLANTS and ANIMALS.....Prof. PRATT.
6. TITLES, CONTRACTS and ACCOUNTS.....Prof. TUCKER.

Students who complete this course of study will be recommended to the Board of Trustees for graduation and a suitable diploma.

## DEPARTMENT OF LAW AND EQUITY.

## I. SCHOOL OF COMMON AND STATUTE LAW.

PROFESSOR BROCKENBROUGH.

*Text-Books.*

1. *Junior Class.*—2d, 3d and 4th Books of Blackstone's Commentaries (Sharswood); Smith on Contracts.
  2. *Senior Class.*—Williams on Real Property; Williams on Personal Property; Greenleaf on Evidence; Stephens on Pleading; Brightley on Bankruptcy.
- For Reference.*—Smith's Leading Cases; Benjamin on Sales; Code of Virginia, (1860); Mathews' Digest; Brightley's Digest of United States Statutes.



In this School there are three recitations for each class per week. Experience has shown that oral examination on text-books and lectures is of great value in stimulating research and invigorating the memory. The Professor many years since prepared, what he has since continued and extended, a series of questions on the plan of "Field's Analysis of Blackstone," which he uses with the class.

But in addition, the Professor, by lectures and by written notes which are supplied to the class, enlarges upon the text-books, giving reference to those cases in England and America which bear upon the Law of Real and Personal Property—of Contracts—of Pleading and Evidence.

It will be his desire to generate in the mind of the student a taste for the study of law, as an enlarged and rational system of jurisprudence, and to imbue him with the philosophical spirit that pervades it throughout all its extensive ramifications. Taught to regard law as a noble and refined science, and not merely as a crude collection of arbitrary precedents, the student will proceed to the investigation of its abstruse and subtle principles with a zest that will relieve the study of all its drudgery.

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## II. SCHOOL OF EQUITY AND PUBLIC LAW.

PROFESSOR TUCKER.

### *Text-Books.*

1. *Junior Class.*—1st Book of Blackstone's Commentaries (Sharswood); Vattel's International Law; The Federalist.

Recitations three times a week.

The Professor in this class, by lectures, endeavors to trace the development, from the principles of Natural Law, of the science of Constitutional Law and International Law. In these he embraces the consideration of the principles of Government, especially as developed in the British and American Constitution, illustrating these by a history of the rise and progress of



English Law, and the influence of the Civil Law upon it; and the history of the Federal System and decisions of the Courts upon the Federal Constitution.

*For Reference in this Class.*—De Lolme (Macgregor) on the (British) Constitution; Hallam's Constitutional History; Reeve's (Finlanson) History of English Law; Cooper's Justinian; Domat's Civil Law; Maine's Ancient Law; The Madison Papers; Phillimore and Wheaton on International Law.

2. *Senior Class.*—Smith's Mercantile Law (Holcombe and Gholson); Adams' Equity; and Lectures on the subjects embraced in Text-Books.

Recitations three times a week.

For Reference: Story on Agency; on Partnership, Parsons and Collyer; on Bills and Notes, Byles and Parsons; Parsons' Maritime Law; Benjamin on Sales; on the Conflict of Laws, Story and Wharton; on Corporations, Angell and Ames; and Grant; Smith's Leading Cases.

In the course of Equity reference will be freely made to White and Tudor's Leading Cases, with American Notes and Daniel's Practice.

MOOT COURTS are held under direction of the Professors, and the effort is made to invest these "feigned issues" with as much interest and value as possible.

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## BUSINESS SCHOOL.

When a sufficient number of students to form a class desire it, instruction is given in Book-Keeping and Commercial Arithmetic.

This School is for the present under the direction of the Professor of Applied Mathematics, and students who include it among the Schools taken by them, pay the same fees as in the Engineering Department of the University.



## SUMMER SCHOOL OF THE UNIVERSITY.

This School is organized to enable students to make up special deficiencies, or to enter advanced classes at the beginning of the next session. It is also designed to offer facilities to *teachers*, who may wish to devote their vacation to study. The School is under the supervision of the President, aided by an Executive Committee of the Faculty. Such classes will be organized as may be required, under the approval of the Executive Committee; but students are advised to limit their studies in this School to one or at most two classes.

The Summer course will open on the first Thursday in July, and close on the first Thursday in September. The charge for tuition is \$20 for each School attended: for English, or either one of the Modern Languages, \$10. Students entering after the 1st of August pay one-half tuition fees. An additional contingent deposit of two dollars is required of each student to cover damages. These charges are payable to the Treasurer, in advance.

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### EXAMINATIONS.

These are:

1. The general Examinations, Intermediate and Final, held, the former near the middle, and the latter near the close of the session.
2. The special Examinations for Degrees, or for Certificates of Proficiency, held near the close of the session.

These Examinations are partly written and partly oral, and are conducted by the Professor of the School in the presence of the President and a committee of the Faculty. A committee of the Trustees is also appointed to attend the general Examinations, Intermediate and Final. No Certificate of any kind is conferred, except after thorough and satisfactory examination upon the prescribed subjects.

No student is permitted to absent himself from any of his examinations.



SCHEDULE OF CLASSES AND HOURS.

The following schedule is arranged with preference to the most natural order of studies looking to the several degrees, and also with the view of admitting, in addition, a liberal range of elective studies for those who may not be candidates for degrees. In the choice and arrangement of their courses of study, students must have reference to this Schedule, so as to avoid any conflict of hours.

	8½—9½	9½—10½	10½—11½	11½—12½	12½—1½	1½—2½	3½—4½
<i>Daily Classes.</i>	Jun. Greek S. Jun. Math. II.	Jun. Latin S. Jun. Math. II.	Jun. Greek II. Jun. Math. S.	Physics. Tech. Chem'y. Jun. Latin II.	Int. Ap. Math. Jun. Greek S. Jun. Math. S.	Mechanics. Jun. Ap. Math. Jun. Latin S. Jun. Math. S.	MONDAY. Sen. Eng. Ex.
<i>Classes</i>	Sen. Latin. Jun. Ap. Math. II.	Sen. French. Jun. English S. Jun. Law.	Sen. Ap. Math. Gen. Chem'y. Jun. French S.	Sen. English. Int. Greek. Jun. French. Sen. Law.	Mod. History. Int. Math.	Jun. Mor. Phil. Min. & Geology.	WEDNESDAY. Sen. Latin Ex.
<i>Classes</i>	Sen. Greek. Gen. Chem'y S.	Sen. Math Rhetoric. Jun. German S. Jun. Law.	Sen. German. Gen. Chem'y S. Astronomy. Jun. English.	Anc't History. Jun. German S. Sen. Law.	Literature. Int. Latin. Jun. Ap. Math. II.	Sen. Mor. Phil. Physiology.	THURSDAY. Sen. Math Ex.
<i>Classes</i>	TUESDAY, THURSDAY, SATURDAY,						Sen. Greek Ex.

S denotes different sections, and II lower grades, of the same class.



## CERTIFICATES.

1. As evidence of *distinguished attainments* in any CLASS, within any of the SCHOOLS, a CERTIFICATE OF DISTINCTION will be conferred.

2. As evidence of *satisfactory attainments* in any SCHOOL, or complete subject therein, a CERTIFICATE OF PROFICIENCY will be conferred, with the title of PROFICIENT.

3. As evidence of *distinguished attainments* in any SCHOOL, or complete subject therein, a CERTIFICATE OF DISTINGUISHED PROFICIENCY will be conferred, with the title of DISTINGUISHED PROFICIENT.

4. When any student has made distinguished attainments in any *three* SCHOOLS, or distinct CLASSES of different SCHOOLS, within one session, a special Certificate will be conferred on him, with the title of DISTINGUISHED UNDERGRADUATE.

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 DEGREES.

## 1. ACADEMIC.

I. BACHELOR OF PHILOSOPHY (B. P.) *Required*: Certificates of Proficiency in ENGLISH; MORAL PHILOSOPHY and RHETORIC; HISTORY and ENGLISH LITERATURE; FRENCH and GERMAN, and the Junior Course of MATHEMATICS. *Elective*: CHEMISTRY or PHYSICS; JUNIOR ASTRONOMY, or MINERALOGY and GEOLOGY, or PHYSIOLOGY.

LATIN or GREEK may take the place of either of the Modern Languages.

II. BACHELOR OF SCIENCE (B. S.) *Required*: Certificates of Proficiency in MATHEMATICS; Junior Course of APPLIED MATHEMATICS and ASTRONOMY; PHYSICS, including RATIONAL MECHANICS; CHEMISTRY; ETHICS and EVIDENCES OF CHRISTIANITY. *Elective*: MINERALOGY and GEOLOGY, or PHYSIOLOGY; FRENCH and GERMAN, and ENGLISH; or one of the Modern Languages, and any other literary School.



III. BACHELOR OF ARTS (A. B.) *Required*: Certificates of Proficiency in LATIN; GREEK; MATHEMATICS; the Junior Course of MORAL PHILOSOPHY, including ETHICS and EVIDENCES OF CHRISTIANITY. *Elective*: SENIOR MORAL PHILOSOPHY and RHETORIC, or HISTORY and ENGLISH LITERATURE; ENGLISH, or FRENCH or GERMAN; GENERAL CHEMISTRY or PHYSICS; and JUNIOR ASTRONOMY, or MINERALOGY and GEOLOGY, or PHYSIOLOGY.

The Junior Course of APPLIED MATHEMATICS, embracing SURVEYING and DESCRIPTIVE GEOMETRY, may take the place of the Senior Course of MATHEMATICS.

IV. MASTER OF ARTS (M. A.) To attain this Degree the student must have received Certificates of Proficiency in LATIN; GREEK; ENGLISH; MORAL PHILOSOPHY; HISTORY; MATHEMATICS; CHEMISTRY and GEOLOGY; NATURAL PHILOSOPHY; and in FRENCH and GERMAN and ENGLISH LITERATURE, or APPLIED MATHEMATICS; and Certificates of Distinguished Proficiency in at least seven entire Schools; and have passed a satisfactory Review Examination on all the subjects included.

For each of the above Degrees, a suitable Essay or Oration must be furnished, which shall be read on Commencement Day if required by the Faculty.

V. DOCTOR OF PHILOSOPHY (Ph. D.) This Degree will be conferred on any Graduate in any one of the Baccalaureate Degrees of the University, who, for not less than two years after graduation, shall pursue at the University or elsewhere a special course of study in any one of the following elective branches, and shall stand thereon such examination, submitting also such Essay or other technical Exercise, as the Faculty may require:

1. The LATIN and GREEK LANGUAGES, their PHILOLOGY and LITERATURE.
2. FRENCH, GERMAN, and ENGLISH LANGUAGES, their PHILOLOGY and LITERATURE.
3. MENTAL and MORAL PHILOSOPHY; HISTORY; and POLITICAL ECONOMY.
4. MATHEMATICS, and its APPLICATIONS.
5. The NATURAL SCIENCES.



## 2. PROFESSIONAL.

VI. CIVIL ENGINEER (C. E.) The requirements for this Degree are Certificates of Proficiency in MATHEMATICS; APPLIED MATHEMATICS, including ASTRONOMY; CHEMISTRY and GEOLOGY; NATURAL PHILOSOPHY, including ANALYTICAL MECHANICS; FRENCH; ENGLISH; and Plans and Reports upon assigned subjects.

VII. MINING ENGINEER (M. E.) The requirements for this Degree are Certificates of Proficiency in MATHEMATICS; APPLIED MATHEMATICS; CHEMISTRY and GEOLOGY; APPLIED CHEMISTRY; NATURAL PHILOSOPHY, including MECHANICS; MINING and METALLURGY; FRENCH or GERMAN; ENGLISH; and Plans and Reports upon assigned subjects.

VIII. BACHELOR OF LAW (B. L.) This Degree is conferred on Graduates in the DEPARTMENT OF LAW and EQUITY.

A distinct Certificate is conferred on Graduates in the Junior Course of LAW.

## COLLEGE HONOURS.

## I. RESIDENT MASTERSHIPS.

The Faculty appoint annually three graduates of the degree of Master of Arts, with the title of RESIDENT MASTERS, under the following regulations:

- 1st. Each appointment shall be for two years.
- 2d. Said Resident Masters shall be required to pursue at least one academic course of study in the University.
- 3d. They shall be free from all charges for tuition and other fees, and during their term of Residence shall receive an annual income from the University of two hundred dollars each.
- 4th. They shall be required to teach in the University, *ex officio*, not exceeding one hour per day.
- 5th. They shall also prepare and deliver such Essays, Orations, &c., as may be required of them by the Faculty, and in other respects shall be subject to such general regulations as the Faculty may prescribe.



## II. HONORARY SCHOLARSHIPS.

These are intended to reward high attainments in scholarship, and at the same time to promote and secure general meritorious conduct. They are five in number, and are distributed as follows: One is appointed by the President from the students at large; two are nominated by the Professors of LATIN, GREEK, and MATHEMATICS; one by the Professors of MODERN LANGUAGES, HISTORY, and MORAL PHILOSOPHY; and one by the Professors of APPLIED MATHEMATICS, NATURAL PHILOSOPHY and CHEMISTRY. These nominations must be confirmed by the Faculty.

Students appointed to these Scholarships are entitled to attend the University for the next session without payment of fees.

## III. PRIZE MEDALS, &amp;c.

1. For the ROBINSON PRIZE MEDALS, which are three in number and of equal value, there are annually proposed special prize examinations, or subjects for competition, as follows:

One within the Schools of LATIN, GREEK, and MATHEMATICS.

One within the Schools of NATURAL PHILOSOPHY, CHEMISTRY, and APPLIED MATHEMATICS.

One within the Schools of MODERN LANGUAGES, ENGLISH LANGUAGE and LITERATURE, HISTORY, and MORAL PHILOSOPHY.

These examinations, or competitions, are open to all the students within the Schools aforesaid; and the Medals are awarded by the Professors of the several Schools named, subject to the conditions imposed by the bequest: Provided, that no student shall receive the same Prize twice.

2. The SANTINI PRIZE MEDAL, which has been established by Joseph Santini, Esq., of New Orleans, is conferred annually by the Faculty upon the writer of the best Essay published during the session in the *Southern Collegian*.

3. The GAZETTE PRIZE, which has been established by Messrs. Lafferty & Co., of the Lexington Gazette, is conferred annually by the Faculty upon the writer of the second best Essay published during the session in the *Southern Collegian*.

4. The TAYLOR SCHOLARSHIP has been established in recognition of the liberality of Mrs. Fanny B. Taylor, of Baltimore, who



bequeathed one thousand dollars to the University. This Scholarship confers the privilege of entering the University the next session without payment of fees. It is given to the best student in the intermediate class in the School of Mathematics.

#### IV. COMMENCEMENT ORATIONS.

1 The CINCINNATI ORATION is awarded to that graduate who shall be judged by the Faculty to have attained the highest degree of general scholarship.

2. The VALEDICTORY ADDRESS is awarded to that graduate who shall be selected by his fellow graduates.

3. An Oration, called the UNIVERSITY PRIZE ORATION, is awarded by the Faculty to that student who may have submitted the best Essay or Oration, in such manner as may be prescribed by the Faculty: Provided, that to no student shall more than one of the above Orations be awarded in one year.

4. Such additional Essays or Orations shall be delivered as may be selected by the Faculty from among those that are submitted by graduates, as in the requirements for degrees.

#### V. GRADATION.

In every list of Distinctions or Proficients, the most distinguished students, to a number not exceeding *one-third* of the whole, may be announced in the order of relative standing, at the discretion of the Faculty.

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#### PRIZE SCHOLARSHIPS AND SPECIAL PRIVILEGES.

I. In order to promote the cause of education and of sound learning, the Board of Trustees have inaugurated a system of PRIZE SCHOLARSHIPS to be conferred on High Schools and Academies throughout the country. By the terms of these scholarships, the student standing first in such High School or Academy is entitled to enter the University for one year free of all fees. A number of these scholarships have been already established, and it is hoped that liberal patrons of learning, by endowing others, will enable the Board to extend still further the benefits of the system.



II. The Board of Trustees have authorized the Faculty to appoint to Scholarships a number of young men intending to make practical printing and journalism their business in life. These Scholars are free from all fees, on condition that, when required by the Faculty, they shall perform such disciplinary duties as may be assigned them in a printing office, or in other positions in the line of their profession, for a time equal to one hour in each working day.

III. By enactment of the Board of Trustees, a credit for fees, amounting to about one hundred dollars annually, is extended to such meritorious young men as are unable to pay the same, and their bond is taken, payable in not less than two nor more than six years from the probable termination of their university course.

IV. By like enactment, the Faculty are authorized to admit into the University as students, free of charge for all fees, candidates for the Christian ministry: Provided, the said candidates shall be unable to pay these charges, and that they shall be recommended by some competent ecclesiastical authority as suitable persons to be educated for the ministry. If any student who has been admitted on these terms shall afterwards decline entering the ministry, the above fees shall be held as debts due the University, according to the conditions provided in the preceding paragraph.

V. The Board of Trustees have also authorized the Faculty to admit as students into the Academic Departments of the University, without other charge than a fee for matriculation, library and deposit, not exceeding \$20, young men who have been engaged and purpose still to engage in *Teaching*: Provided, that the applicant shall produce testimonials of good moral character, and of his having taught two years or more with satisfactory results; and that he shall possess sufficient attainments to enable him to enter regular classes in the University. This privilege is for one session, but in special cases may be renewed for another session. On entering the University, he shall give a written obligation to spend two years after leaving it in the business of teaching, or, failing to do this, to pay the usual charges.



VI. In order to establish a system of post-graduate study, such as is necessary to the development of university education, and to extend its advantages as widely as possible, the Faculty will admit all graduates in regular academic degrees of incorporated Colleges or Universities, (including the graduates of this University,) free of charge, except a fee for matriculation, library and deposit, not exceeding \$20, to all the privileges of the academic Schools of the University.

The University does not furnish board to students under any of the above provisions.

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#### ADMISSION.

Applicants for admission who have been students in other institutions, must produce evidence of having left them in good standing.

Applicants shall report themselves to the Faculty within twenty-four hours after their arrival, and none shall be permitted to remain more than two days in the University without matriculating, unless specially indulged by the Faculty.

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#### COURSE OF STUDY.

The course of study is *elective*, each student being allowed to pursue such studies as his parent or guardian may select, if found prepared. But each student is required to attend at least eighteen lectures a week or their equivalent; and no student is allowed to leave any School without permission of the Faculty.

When in any School there are several classes, students are assigned to their classes at the beginning of the session, according to their qualifications, as far as these can be ascertained. A student will, however, be liable at any time to a transfer to a lower class in the School, when it is deemed necessary by the Professor.

While the course of study is elective, students will yet receive the advice of the President and Faculty with reference to the choice and arrangement of their studies, according to the circum-



stances of each particular case. By a proper arrangement, the entire course of study requisite for the Baccalaureate degrees can be completed in the time usually required for a collegiate course, or in less time, if the student enters well advanced.

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### PLAN OF INSTRUCTION.

The plan of instruction is by recitations from text-books and by lectures. In the less advanced classes, the instruction is conducted chiefly by text-books. In the more advanced, lectures form a more prominent feature.

The junior classes are divided into sections of moderate size, with a view to ensure the more frequent examination of each student. This division of a class into sections is based, as far as practicable, upon the relative standing of its members.

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### GOVERNMENT.

The government of the University is administered by the President and Faculty, in accordance with a Code of Laws enacted by the Board of Trustees, a copy of which is furnished to each student upon matriculating. The President devotes himself to the duties of his office, occupying a room in the University buildings, to which the students have access at stated times. He attends all examinations, presides at all the meetings of the Faculty, and by the Reports of the several Professors, is made acquainted with the standing and deportment of each student. All cases of irregularity receive his personal attention.

Students receive the admonition and counsel of the President before being subjected to any penalty, except in case of flagrant offences. Those who are habitually neglectful of their duties, or who do not regularly attend their lectures, will be required to withdraw from the University.

No student is allowed to leave the town during the session, without the permission of the President, nor to withdraw from the University without the consent of the Faculty, on the written authority of the parent or guardian.



*REPORTS TO PARENTS AND GUARDIANS.*

Regular Reports of the progress and attendance of the students are made to the President. At the end of every month a circular is sent to the parent or guardian of each student, showing his absolute and relative standing in his several classes, the number of his absences from class, and any other facts that it may be deemed proper to communicate. At the close of each half-session, a similar circular is sent, setting forth the results of his examinations, as well as his standing and absences for the preceding term.

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*RELIGIOUS AND MORAL CULTURE.*

Religious services are held every morning in the Chapel, by the clergymen of Lexington in rotation.

The students are expected to attend these exercises, and the church of their choice at least once on Sunday. Opportunities are also afforded for attending Bible classes every Sunday.

A large and flourishing "Young Men's Christian Association" exists among the students, and has been found a most efficient agent in promoting their moral and religious welfare.

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*GYMNASTICS, &c.*

Boat Clubs have been organized among the students, and fine rowing is to be had on the North River, near Lexington.

Every proper encouragement is given by the Faculty to these and other manly recreations.

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*LIBRARY.*

Many valuable contributions have been made to the Library since the war. In addition to the handsome donations of MR. RATHMELL WILSON and others, it has recently received a valuable collection of works on *Engineering*, from MONCURE ROBINSON, ESQ., of Philadelphia, and through the munificence of W. W. CORCORAN, ESQ., of Washington, it has been increased by the addition of the fine private library of the late N. P. HOWARD, ESQ., of Richmond, Va.

Arrangements exist by which the number of books is increased year by year. Students have free access to the Library.



*APPARATUS AND CABINET.*

The philosophical and chemical Apparatus has been already so far restored as to meet the immediate wants of the scientific departments, and arrangements have been effected by which large accessions are constantly being made.

The Cabinet of minerals contains a large variety of specimens suitable for illustrating the sciences of Mineralogy and Geology. It is hoped that the friends of the University will continue to send donations of the finer and rarer kinds of specimens, until the Cabinet is restored to its former degree of perfection.

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*LITERARY SOCIETIES.*

The Literary Societies are: THE GRAHAM LEE SOCIETY, organized in 1809; and THE WASHINGTON LITERARY SOCIETY, organized in 1812. These Societies meet each once a week, for debate and other literary exercises. Each Society has its own hall and library room, and their two libraries contained, before the war, an aggregate of about 4,000 volumes. Efforts are now being made, with the aid of friends abroad, to restore these libraries to their former condition. The influence of these Societies upon the character and culture of the students is highly estimated both by the Faculty and by the students themselves.

Each Society celebrates publicly the anniversary of its foundation: the Graham Lee Society on the 19th of January; the Washington Society on the 22d of February; and each Society appoints, from its own members, an Orator to represent it at the Commencement. On this occasion, also, gold medals are publicly conferred by each Society, one upon its best debater, and one upon its best declaimer; and an Address is delivered before the two Societies jointly, by some gentleman chosen by them for this purpose.

In connection with the final celebrations of the Societies, the SANTINI MEDAL and GAZETTE MEDAL are also conferred.



## COMMENCEMENT, 1872.

## GRAHAM LEE SOCIETY.

*Debater's Medal:*

J. W. TAYLOR, Texas.

*Declaimer's Medal:*

F. H. HEISKELL, Tenn.

*Orator:*

R. J. RICHEY, Texas.

## WASHINGTON SOCIETY.

*Debater's Medal:*

ISAAC W. STEPHENS, Tenn.

*Declaimer's Medal:*

W. W. TOPP, Miss.

*Orator:*

GABRIEL SANTINI, La.

*Address:*

Rev. B. M. PALMER, D. D., New Orleans.

## ANNIVERSARIES, 1873.

## GRAHAM LEE SOCIETY.

*Orator:*

A. N. GORDON, Ky.

*Debaters:*

C. W. ANDERSON, Tenn.

R. H. ALLEN, Tenn.

J. G. PITTS, Md.

L. BERKELEY, Va.

## WASHINGTON SOCIETY.

*Orator:*

F. G. BUFORD, Tenn.

*Debaters:*

M. N. WISDOM, La.

W. B. CHILDERS, Tenn.

H. DUFOUR, La.

W. F. HOGUE, Ala.

## ALUMNI ASSOCIATION.

The Alumni of the University have had an Association in successful operation for many years. Its object is to keep alive among the Alumni the sentiment of affection for their Alma Mater, and to unite the graduates of successive years by a common tie of fellowship. Its annual meetings are held at the Commencement, when, after the transaction of business, an Anniversary Oration is pronounced by some alumnus chosen by the Society, and an Alumni Dinner is celebrated. The following is the present organization:

Col. BOLIVAR CHRISTIAN, *President.*Major J. BOWYER BROCKENBROUGH, and GEO. B. PETERS, Esq., *Vice-Presidents.*C. A. GRAVES, *Secretary.*J. W. BARCLAY, *Treasurer.**Executive Committee.*Judge J. K. EDMONDSON, *Chairman.*

Col. W. ALLAN,

D. E. MOORE, Jr., Esq.,

W. A. ANDERSON, Esq.,

W. EDMONDS, Esq.

*Alumni Orator, 1872, Rev. THOMAS T. EATON, Murfreesboro, Tenn.*



## COMMENCEMENT EXERCISES.

These take place at the close of the session. On the Sunday preceding, a Baccalaureate Sermon is preached before the graduates and the students at large. On Commencement Day the names of the students distinguished in the several classes are announced; Certificates, Diplomas and University Prizes are publicly awarded by the President; and the Addresses of the graduates, and the Prize Orations and Essays, are delivered. The celebrations of the Literary Societies and of the Society of the Alumni also take place in Commencement Week.

## COMMENCEMENT, 1872.

*Baccalaureate Sermon:*

Rev. THOMAS ATKINSON, D. D., LL. D., Bishop of North Carolina.

*Cincinnati Oration:*

W. D. VINSON, M. A., S. C.

*University Prize Essay:*

J. S. LEWIS, B. P., Tenn.

*Valedictory:*

S. H. CHESTER, A. B., Ark.

## LENGTH OF SESSION.

The next session will commence on the third Thursday in September, 1873, and continue without interruption until the fourth Thursday in June, 1874. The second half-session begins on the first of February. Special arrangements are made for entrance at this time.

## EXPENSES, &amp;c.

## FEES.

*In the Academic Department:*

Tuition, including four Schools.....	\$70 00	
Matriculation fee, &c.....	30 00	
		\$100 00

*In the Engineering Department:*

Tuition, including four Schools.....	\$85 00	
Matriculation fee, &c.....	30 00	
		\$115 00

*In the Law Department:*

Tuition.....	\$85 00	
Matriculation fee, &c.....	30 00	
		\$115 00
Room Rent, (for occupants of the University buildings,).....		10 00



When more than four Schools are taken an extra fee of \$10 is charged for each School above four.

A deposit of \$5 is required of each student to cover damages, the balance of which, not expended, is returned at the close of the session.

On his first matriculation, each student is required to pay a fee of \$5, to cover the cost of all diplomas and certificates throughout his entire course. No additional charge is made for degrees.

All of the above fees are to be paid in advance.

Each student shall be required to attend three full Schools, or their equivalent, unless specially excused by the Faculty.

Within two weeks after matriculation, students may substitute one School for another without additional charge; but after that time any School which may be dropped from the course of study shall still be counted as an existing study in estimating the charge for tuition, except where such change is made by the advice of the Faculty.

When a student is necessarily withdrawn from the University on account of his sickness, before the beginning of the second half-session, one-half his fees (except matriculation fee of \$5) shall be refunded; but no fees are refunded after that time.

Students entering on or after the first of February are charged only half the regular fees. No reduction is made on account of late entrance in either half-session.

The occupants of each of the rooms in the University buildings are required to make a contingent deposit of \$25 with the Proctor for fuel, which is furnished at cost.

#### BOARDING.

At the University Hotel, board can be had at a cost not exceeding \$15 per month. During the present session, a number of students have formed private messes and boarded themselves at from \$7 to \$10 per month. Additional buildings have recently been purchased, which will enable students to conduct the messing system with greater comfort and economy.

Board and Lodging can also be had in private families at from \$16 to \$23 per month.

Students can lodge in the University buildings, furnishing their own rooms, and board in the town; or lodge and board in private families, in the town or in the vicinity.



Students shall take boarding at such private houses only as the Faculty shall approve, and the Faculty may, at any time, require a student to change his boarding-house.

Payment for board is required to be made quarterly in advance.

The necessary expenses, exclusive of clothing and books, need not exceed \$300. *By messing, students can reduce their expenses to from \$230 to \$250.*

#### FUNDS OF STUDENTS.

Under a conviction which the experience of every year serves to strengthen, that the unrestrained and extravagant use of money on the part of students is the source of manifold evils, the Faculty would earnestly recommend to parents and guardians to deposit with the Treasurer of the University all the funds designed for their sons or wards, whether for the regular charges of tuition and board, or for what other purpose soever.

It is the duty of that officer to keep safely the funds placed in his hands, and, with the approval of the President, to pay the above named regular charges and all bills for purchases made by the authority of parents or guardians, to whom a monthly statement of receipts and expenditures will be forwarded.

Unless the course here recommended is adopted the Faculty cannot exert a control over the expenses of the students and cannot be held responsible for them.

The laws of Virginia prohibit the crediting of students who are minors except on the written permission of their parents or guardians, or of the proper authority of the institution. As the contraction of debt offers a constant temptation to extravagance, the Faculty ask the influence of parents in restraining this evil, which must be done mainly by parental authority and control.

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#### TEXT-BOOKS.

All the Text-Books used in the University can be bought in Lexington at the usual retail prices.

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#### ROUTES.

Lexington can be reached by Stage from Staunton or Goshen, on the Chesapeake and Ohio Railroad, or from Bonsack's on the Virginia and Tennessee Railroad, or by Packet from Lynchburg.



*SUMMER BOARDING.*

Students who do not remain in Lexington during the vacation, and yet desire to stay in the vicinity, can secure boarding on reasonable terms at the summer resorts in the neighborhood. The Rockbridge Baths, the Rockbridge Alum, the Cold Sulphur Springs and the Natural Bridge Hotel are within the county and convenient to Lexington.

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*SCHOLARSHIPS.*

To each person who will contribute to the endowment of the University the sum of *two hundred and fifty dollars*, there will be issued a Certificate reciting the fact, signed by the Treasurer, with *four* coupons attached. Each of these coupons when redeemable will be received in payment of all fees, except diploma fees and the fees in the Department of Law.

The first coupon will be dated on the 1st of September next succeeding the date of contribution, and the remaining coupons on the first of September of each succeeding year.

To any person who shall contribute *five hundred dollars*, there will be issued a like Certificate with *ten* coupons attached, and to any person contributing *one thousand dollars*, a Certificate with *twenty-four* coupons attached, each coupon dated in succession as above.

Holders of Limited, Life, or Family Scholarships may, at their option, convert the same into Certificates of like value, detaching a coupon for each year that students have been entered on said Scholarships, upon payment of bonds for said Scholarships when the same have not been paid.

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*PROPOSED EXTENSION OF SCHOOLS.*

A plan for the extension of the Scientific Departments of the University was submitted to the Trustees by the late President. This it has been their effort to carry out as rapidly as the means at their command would allow. During the present year a course of Agriculture has been added to those already in operation. The following yet remain to be organized :

1. A course of Commerce.
2. A distinct course of Mechanical Engineering.

Circulars exhibiting the plan of organization of the proposed Departments can be had on application.



## LIST OF BOOKS

## GIVEN TO THE LIBRARY DURING THE PAST YEAR.

- New York Reports, 42 vols. Presented by Messrs. Banks & Bros., New York.  
 U. S. Coast Survey for 1868. Presented by Prof Benjamin Peirce.  
 Ninth Census of the U. S. Presented by Hon. J. W. Johnston, U. S. Senate.  
 Mineral Resources West of Rocky Mountains. Presented by Hon. J. W. Johnston, U. S. Senate.  
 Report of Commissioner of Agriculture. Presented by Hon J. W. Johnston, U. S. Senate.  
 Smithsonian Report. Presented by Hon. S. A. Merritt, M. C.  
 Army of the Potomac. Presented by a Friend.  
 Grant and His Campaigns. Presented by a Friend.  
 Alabama Claims. Presented by Hon J. W. Johnston, Va.  
 Slave Trade. Presented by H. C. Carey, LL. D.  
 Past, Present and Future. Presented by H. C. Carey, LL. D.  
 Speeches, Addresses, &c. Presented by H. C. Carey, LL. D.  
 Questions of the Day. Presented by H. C. Carey, LL. D.  
 Miscellaneous Works. Presented by H. C. Carey, LL. D.  
 Speeches on the Tariff Presented by H. C. Carey, LL. D.  
 Sophisms on Free Trade. Presented by H. C. Carey, LL. D.  
 Carey's Social Science. Presented by H. C. Carey, LL. D.  
 Political Economy. Presented by H. C. Carey, LL. D.  
 Protection to Native Industry. Presented by H. C. Carey, LL. D.  
 Chemical and Economical Essays. Presented by Jacob Fuller, Esq.  
 American Ephemeris. Presented by Prof. J. H. C. Coffin, U. S. N.  
 Local Law of Mass. & Conn. Presented by W. C. Fowler, LL. D.  
 Public Documents, 8 vols. Presented by Hon. J. T. Harris, M. C.  
 Mineral Phosphates, &c. Presented by Campbell Morfit, M. D., F. C. S.  
 Report of U. S. Light House Board. Presented by Major Geo. H. Elliot, U. S. A.  
 Public Documents, 40 vols. Presented by Hon. S. A. Merritt, Idaho.  
 Law Reports and Text-Books, 105 vols. Presented by a Friend.  
 Grattan's Va. Reports Presented by State of Virginia.  
 Memoir of R. B. Taney, LL. D. Presented by John Murphy & Co., Balt.  
 Classical Works, 69 vols. Presented by Prof. Samuel C. Donaldson, Illinois.  
 Virginia School Report, 1872. Presented by W. H. Ruffner, Sup't P. Inst.  
 Astronomical and Meteorological Observations, 1870. Presented by Rear Admiral Sands, U. S. Navy.  
 Washington Zones, 1846-49 Presented by Rear Admiral Sands, U. S. N.  
 Results of Washington Observations, 1853 to 1860. Presented by Rear Admiral Sands, U. S. Navy.



## CALENDAR.

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### SESSION 1872-'73.

BACCALAUREATE SERMON.....	22d June, 1873.
FINAL CELEBRATION OF THE LITERARY SOCIETIES.....	23d June, 1873.
ANNUAL MEETING OF THE ALUMNI ASSOCIATION .....	24th June, 1873.
STATED MEETING OF THE BOARD OF TRUSTEES.....	24th June, 1873.
ANNUAL ADDRESS BEFORE THE ALUMNI ASSOCIATION.....	25th June, 1873.
COMMENCEMENT DAY, CLOSING EXERCISES OF THE SESSION, ADDRESS BEFORE THE LITERARY SOCIETIES.....	26th June, 1873.

### SESSION 1873-'74.

OPENING OF THE SESSION.....	18th Sept., 1873.
LEE MEMORIAL DAY.....	19th Jan'y, 1874.
ANNIVERSARY OF THE GRAHAM LEE SOCIETY.....	19th Jan'y, 1874.
ANNIVERSARY OF THE WASHINGTON LITERARY SOCIETY.....	22d Feb'y, 1874.
BACCALAUREATE SERMON.....	21st June, 1874.
FINAL CELEBRATION OF THE LITERARY SOCIETIES.....	22d June, 1874.
ANNUAL MEETING OF THE ALUMNI ASSOCIATION.....	23d June, 1874.
STATED MEETING OF THE BOARD OF TRUSTEES.....	23d June, 1874.
ANNUAL ADDRESS BEFORE THE ALUMNI ASSOCIATION.....	24th June, 1874.
COMMENCEMENT DAY, CLOSING EXERCISES OF THE SESSION, ADDRESSES BEFORE THE LITERARY SOCIETIES.....	25th June, 1874.



