## CATALOGUE

Washington and Lee University,

VIRGINIA,

SESSION OF 1871-72.



### CATALOGUE

OF

# Washington and Lee University,

### VIRGINIA,

FOR THE

YEAR ENDING JUNE, 1872.

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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.

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Ader Alde Aldr Alex Aller Aller Aller Ande Antr Atki Aust Ayre Ayre Banis Bank Barcl Barto Bater Beall Beck Bell, Bell, Belt, Berk Betti Blair

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# Catalogue of Students.

#### ABBREVIATIONS.

L.—Latin. G.—Greek. E.—English. F.—French. GER.—German. H.—History.
M. P.—Moral Philosophy.
Lit.—Literature.
M.—Mathematics.
A. M.—Applied Mathematics.

N. P.—Natural Philosophy. C.—Chemistry. Min.—Mineralogy & Geology. B. S.—Business School.

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L., E., M., B. S.,	1
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1	lowry, Albert Gallatin	Washington, Ark.	L., G., E., M., F., MIN.,	1
		0,	L., E., M.,	1

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Owens, George Welshman		L., LIT., M. P.,	3
Page, Thomas Nelson	Hanover Co., Va.	G., GER., A. M., M. P.	
Palmer, Robert Caldwell	Lebanon, Ky.	L., G., F., M., A. M.,	2
Parrott, Albert DeKalb	Kinston, N. C.	E., C., M.,	3
Patrick, William	Augusta Co., Va.	L., E., GER., C., LIT.,	
Patterson, William Samue		L., G., M., A. M.,	2
Payne, Robert Spottswood		E., F., M., A. M., MIN	
Pharr, Theodore Franklin		E., F., C., M.,	., 1
Pickles, Henry, B. L.	New Orleans, La.	LAW,	3
Pirtle, J. L. M.	Cherokee Co., Texas.	LAW,	1
Pitts, John Glenn	Baltimore, Md.	L., E., H., LIT., GER.,	
Prather, George McDonal		L., G., F., M.,	2
		2., 4., 2.,	4

Preston, John Alexander Price, Risdon Hutchings Pugh, Thomas B. Purdie, Thomas Smith Ransom, Matt. Whitaker Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Price, Risdon Hutchings Pugh, Thomas B. Purdie, Thomas Smith Ransom, Matt. Whitaker Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Pugh, Thomas B. Purdie, Thomas Smith Ransom, Matt. Whitaker Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Pugh, Thomas B. Purdie, Thomas Smith Ransom, Matt. Whitaker Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Purdie, Thomas Smith Ransom, Matt. Whitaker Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Ransom, Matt. Whitaker Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Rathbone, John Vallean Rathbone, Peter D. Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
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Rhea, William S. Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Rhea, John Stockdale Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Richey, Robert James Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Robertson, Hamilton G. Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Rolston, Hugh Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Rose, Solon Edward F. Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Ruff, Andrew Wallace Ruff, John, Jr. Rust, Lawrence Sandlin, Henry Howard Santini, Gabriel Saville, William Savage, John Sayre, David E.	
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Santini, Gabriel Saville, William Savage, John Sayre, David E.	
Saville, William Savage, John Sayre, David E.	
Savage, John Sayre, David E.	
Sayre, David E.	
Shaner, John J.	
Shawhan, Henry	
Sherrod, Thomas Billups	
Sherrod, Charlie Fox	
Sherwood, James Denny	
Shields, Wilmer Henry	
Simkins, Lewis Wardlaw	
Smith, Edward Wall	
Somerville, Thomas Hugh	
Spring, James Sutton	
Steele, Edwin C.	
Steele, Edwin C. Steele, Harold	
Steele, William Clarence	
Stephens, Isaac W.	
Stephenson, Walter Darence	
Stuart, Ebenezer Erskine	
Swarts, Joseph Godfrey	
Tayloe, William Henry	
Taylor, Joseph Wills	
Thomas, Charles B.	
Topp, William Wallace	
Torrans, Patrick Henry	
Tracy, Carlos Chandos	
Tucker, Henry St. George	-
Tutwiler, Thomas Stanhone	1
Tutwiler, Peyton	1
Tutwiler, Peyton Vincent, Edward Carson	1
Vinson, William Daniel	2
Timon, Timani Daniel	

RESIDENCE.	STUDIES.	SESS.
Lexington, Va.	L., G., F., M., GER.,	2
St. Louis Co., Mo.	L., G., F., M.,	. 3
Napoleonville, La.	L., G., F., GER.,	1
Smithfield, Va.	G., E., GER., A. M., C.	, 2
Weldon, N. C.	E., M., C., M. P., A. M	
Parkersburg, W. Va.	E., F., H., LIT., B. S.,	2
Parkersburg, W. Va.	L., F., M.,	1
Buford's Station, Ten		3
Russellville, Ky.	L., F., GER.,	2
Waco, Texas.	E., GER., M. P., H.,	4
Tyler, Texas.	L., E., LIT., M. P., H.,	2
Mobile, Ala.	F., GER., M., A. M.,	1
Pulaski, Tenn.	E., F., M., C., LIT.,	2
Rockbridge Co., Va.	L., G., M. P.,	3
Rockbridge Co., Va.	L., G. M.,	2
Leesburg, Va.	G., F., C., H.,	3
Richland, N. C.	L., G., M., B. S.,	1
New Orleans, La.	LAW, H.,	4
Rockbridge Co., Va.	F., C., M. P., A. M.,	4
Gainsville, Florida.	C., M., A. M.,	1
Monticello, Mo.	L., G., E., F., GER , A. I	м., 1
Lexington, Va.	MIN., F., C., M., A. M.,	2
Cynthiana, Ky.	L., G., E., M.,	1
Columbus, Miss.	E., F., C., H.,	2
Columbus, Miss.	E., F., C., H., MIN.,	2
Galveston, Texas.	L., F., E., GER., H.,	2
Natchez, Miss.	A. M., N. P.,	4
Abbeville, S. C.	L., G., E., F., A. M.,	2
New York City, N. Y.	F., GER., M., A. M.,	2
Culpeper Co., Va.	LAW,	4
Fort Smith, Ark.	L., F., GER., M.,	1
Winnsboro, S. C.	L., G., E., GER., M.,	1
Winnsboro, S. C.	L., C., M., F., B. S.,	1
Rockbridge Co., Va.	L., G., M., GER.,	1
Bledsoe Co., Tenn.	L., G., F., M. P., A. M.,	3
La Grange, Tenn.	G., M., M. P., A. M., C.,	3
Rockbridge Co., Va.	L., G., F., M.,	2
Rockbridge Co., Va.	L., G., GER., M.,	1
Hale Co., Ala.	G., M., GER.,	3
Waco, Texas.	LIT., M. P., LAW,	4
Marion, Va.	LAW,	1
Columbus, Miss.	E., F., GER., H., A. M.,	2
Jefferson, Texas.	L., F., M., A. M.,	2
Walterboro, S. C.	L., F., M., GER.,	1
Lexington, Va.	L., G., F., M.,	1
Lexington, Va.	L., G., M.,	2
Havana, Ala.	L., F., M., C.,	1
Augusta Co., Va.	E., M., A. M.,	1
Stateburg, S. C.	LIT., H., N. P., M. P.,	5

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		STUDIES. SESS.
NAME.	RESIDENCE.	Studies. Sess. A. M., N. P.,
Waddill, Frank Alex., M. A.		21. 11., 21. 21,
Waddell, B. Harrison, M. A.		1. 1., 0.,
Waldo, David	Independence, Mo.	2., 022., 0.,
Waller, Jas. Breckenridge	Chicago, Ill.	111.9 11. 111.9 11. 11.9
Waller, Robert Alexander	Chicago, Ill.	Law,
Walker, Edward Marcus	Franklin, La.	ш., т., ш.
Warren, Charles Frederick	Washington, N. C.	2., 1., 22.,,
Watson, Egbert Janson	Rodney, Miss.	1., 1., 11.,
Werber, Frederick	Newberry, S. C.	1., 0, 11., 11.
West, Thomas Fendol	Louisa Co., Va.	mir,
White, William Scott	Lexington, Va.	21, 01, 21, -1,
White, Frank Lewis	Lebanon, Tenn.	E., LIT., M. P., MIN., 2
White, Robert Triplett	Petersburg, Va.	L., F., GER., M.,
Williams, Robert Brady	Washington, Ark.	L., G., F., M.,
Wilson, John William	Rockbridge Co., Va.	L., G., GER., 1
Wilson, Samuel H.	Pittsylvania Co., Va.	L., F., E., M.,
Wilson, James	Rockford, Tenn.	G., C., A. M., GER., 3
Winchester, James Ridout	Annapolis, Md.	L., G., M., H.,
Winn, James Newton	Plattsburg, Mo.	L., E., F., A. M.,
Winn, Samuel Knox	Decatur, Geo.	G., F., C., M. P.,
Winter, Richard Howe	Grenada, Miss.	L., G., F., A. M., B. S., 1
Wisdom, Mortimer Norton	New Orleans, La.	L., G., E., M., A. M., 4
Wolf, Myer	Osyka, Miss.	E., GER., П., М., В. S., 3
Wylie, Henry N.	Washington, Geo.	L., F, E., M.,
Wyrick, Edward Jasper L.	Magnolia, Ark.	L., G., 4

#### RESIDENT MASTERS.

LUCIUS DESHA, M. A.,
ERNEST BENJAMIN KRUTTSCHNITT, M. A.,
FRANK ALEXANDER WADDILL, M. A.,

Cynthiana, Ky.
New Orleans, La.
Cheraw, S. C.

### RECAPITULATION.

F. S. T. H.

Т. Н. R.

G.J.E.T.J.

A. E. E.

T. G. R.

SC

T. W. G.

R. J. W. M. F.

Virginia			
Virginia	81	Missouri	10
Texas	31	Georgia	11
Kentucky		North Carolina	9
Tennessee	23	Maryland	5
Louisiana	22	New York	5
Mississippi	17	Illinois	2
Alabama	16	Florida.	1
South Carolina	15	Ohio	1
Arkansas	15	Iowa	1
West Virginia	10	Idaho Territory	1
		297	
Resident Masters		3	
		300	

### SCHOOLS ATTENDED.

Latin 164	Mathematics	181
Greek 113	Applied Mathematics	
Modern Languages 185	Natural Philosophy	
English 129	Chemistry	
Literature 30	Mineralogy and Geology	
History 52	Business School	
Moral Philosophy 36	Law	

# List of Distinguished Proficients

IN THE SEVERAL SCHOOLS, 1870-71.

SCHOOL (	F LATIN.
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BOHOOL OF BILLIA		
F. G. BUFORDTennessee. S. H. CHESTERArkansas. T. P. GRASTYKentucky.	R. D. Haislip	
H. B. FERGUSON Alabama.	W. H. TAYLOEAlabama.  OF GREEK.	
SCHOOL (	or GREEK.	
T. I. BARTLETTELouisiana.	W. D. JohnsonArkansas.	
H. B. FERGUSONAlabama.	R. J. RICHEY Texas.	
R. D. HAISLIPArkansas.	W. SPILLERAlabama.	
	ERN LANGUAGES.	
I. F	RENCH.	
G. A. DAZEYTennessee.	F. MONTGOMERYNew York.	
J. H. DunwodyGeorgia.	H. PicklesLouisiana.	
E. A. GomezLouisiana.	T. S. PurdieVirginia.	
T. J. KERNANLouisiana.	R. J. RICHEYTexas.	
J. KRUTTSCHNITTLouisiana.	W. SPILLERAlabama.	
A. LedouxFrance.	W. H. TAYLOEAlabama.	
E. G. LoganKentucky.	M. N. WisdomLouisiana.	
E. MontgomeryNew York.		
II. Gı	ERMAN.	
T. I. BARTLETTELouisiana.	G. W. OWENS Georgia.	
G. A. DAZEYTennessee.	W. SPILLERAlabama.	
R. D. HaislipArkansas.	W. D. VinsonS. Carolina	
A. LEDOUXFrance.	and the state of t	
SCHOOL OF ENGLISH LAN	GUAGE AND LITERATURE	
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I. English.		
T. I. BARTLETTELouisiana.	G. W. OWENSGeorgia.	
W. BoyleIowa.	H. PicklesLouisiana.	
G. E. CRAWFORDAlabama.	W. D. PostalTennessee.	
R. L. HicksGeorgia.	L. RustVirginia.	
J. W. LEE	W. SPILLERAlabama.	
W. T. McCutchanVirginia.	E. W. TERHUNETexas.	
M. MATHEWSTennessee.	W. D. VINSONS. Carolina	
F. H. MITCHELLGeorgia.	S. K. WINNGeorgia.	

#### II. LITERATURE.

### SCHOOL OF MORAL PHILOSOPHY.

J. T. Anderson. Kentucky. T. I. Bartlette Louisiana. E. P. Clarke. Missouri. T. L. Connella Alabama. S. R. Fisher. Texas. F. W. Lewis. Virginia. E. G. Logan. Kentucky.	W. T. McCutchanVirginia. M. MathewsTennessee. A. S. MoffettVirginia. J. RaineyN. Carolina. T. H. SomervilleVirginia. H. S. YergerTennessee.
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J. G.

R. W

R. E.

В. В.

E. L.

J. B. W. V

W. F J. S. T. N.

R. W

S. H. R. H.

T. P.

W. V J. B.

J. T. A. A. W. C. J. J. C.S. L. BE J. P. J. F.

S. H. R. E.

A. CR T. A. C. M. G. M. R. H.

### SCHOOL OF HISTORY.

T. I. Bartlette       Louisiana         S. R. FISHER       Texas         M. N. WISDOM       Louisiana	I I Logar
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### SCHOOL OF MATHEMATICS.

T. I. BARTLETTELouisiana. J. C. CALHOUNAlabama. W. M. DUNLAPVirginia.	W. F. HOGUE
H. B. FERGUSONAlabama. R. L. HICKSGeorgia.	W. SAVILLEVirginia. W. D. VINSONS. Carolina.

### SCHOOL OF CHEMISTRY.

N. MERIWETHERKentucky. F. OFFICERArkansas. H. SHIELDSMississippi. C. WILKINSONLouisiana.

### SCHOOL OF LAW AND EQUITY.

#### Junior Class.

L. DESHA, JR	E. B. KRUTTSCHNITTLouisiana. J. A. LACYMissouri.
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### List of Proficients

IN THE SEVERAL SCHOOLS, 1870-71.

#### SCHOOL OF LATIN.

J. G. BARR	T. S. Purdie
T. N. PageVirginia.	S. K. WINNGeorgia.

#### SCHOOL OF GREEK.

W. F. HogueAlabama.
F. H. MITCHELL Georgia.
M. W. RANSOM N. Carolina.
F. ROANEVirginia.
W. SAVILLE Virginia.
D. L. WilsonVirginia.

#### SCHOOL OF MODERN LANGUAGES.

#### I. FRENCH.

J.	T. AndersonKentucky.	J. H. GAYLouisiana.
	A. AustinMissouri.	T. P. GRASTYKentucky.
W	. C. AyresLouisiana.	A. T. HENDERSON W. Virginia
J.	J. BARTONVirginia.	W. I. HEYWARDS. Carolina.
C.	S. BennettS. Carolina.	W. D. JohnsonArkansas.
L.	BERKELEY Virginia.	W. S. JonesTennessee.
J.	P. Bledsoe Arkansas.	S. JordanGeorgia.
J.	F. BrownGeorgia.	B. O. KENNEDYS. Carolina.
	H. ChesterArkansas.	F. W. LewisVirginia.
R.	E. CollinsMissouri.	R. W. LILLARDKentucky.
A.	CRAIGKentucky.	A. I. MILLERS. Carolina.
T.	A. DickeyKentucky.	F. H. MITCHELLGeorgia.
C.	M. Downs Texas.	K. R. OWENMaryland.
G.	M. EffingerVirginia.	T. N. PAGEVirginia.
R.	H. FLEMING Virginia.	P. B. PATRICKTexas.
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E. W. B. W.

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A. E. R. W. J. F. C. J. M. A.

A. W. G. C. J. S

S. A. T.

W. PATRICK Virginia.	W. D. StephensonTennessee.
W. D. PostalTennessee.	J. W. TAYLOR Texas.
J. RAINEY	F. WerberS. Carolina.
M. W. RANSOM	J. WILSONTennessee.
F. V. RATHBONE W. Virginia.	J. R. WINCHESTERMaryland.
F. SEALMississippi.	R. WITHERSPOONS. Carolina.
II. G	ERMAN.
A. CRAIGKentucky.	W. L. McCorkle Virginia.
J. H. DUNWODYGeorgia.	K. R. OWEN
E. A. GOMEZLouisiana,	R. H. PRICEMissouri.
R. W. LILLARD Kentucky.	J. RAINEY
J. L. LOGAN Virginia.	
III. S	PANISH.
J. F. BrownGeorgia.	H. PicklesLouisiana.
J. HARRISON Texas.	F. SEALMississippi.
B. O. KennedyS. Carolina.	T. SEALMississippi.
SCHOOL OF ENGLISH LAN	CITAGE AND TIME
SCHOOL OF ENGLISH LAN	GUAGE AND LITERATURE.
I. En	GLISH.
J. AldrichS. Carolina.	F. R. KITTREDGELouisiana.
A. A. AustinMissouri.	J. KRUTTSCHNITTLouisiana.
J. G. BARR Tennessee.	J. N. McChesney Virginia.
R. W. BARRTennessee.	T S McPhramana W. 1
L. BerkeleyVirginia.	T. S. McPheetersKentucky. W. McPheetersKentucky.
W. M. Butler Tennessee.	A. I. MILLERS. Carolina.
A. CABELLNew York.	D. R. MILLER
L. B. CHANEYKentucky.	F. V. RATHBONE
R. E. CollinsMissouri.	W. H. ShieldsMississippi.
W. M. DunlapVirginia.	W. E. STEPHENSTennessee.
J. H. DunwodyGeorgia.	W. D. STEPHENSON Tennessee.
F. K. FISHERTexas.	W. W. Topp
E. A. GomezLouisiana.	C. F. WARREN
J. N. GREEN Texas.	C. P. WILKINSON Louisiana.
A. T. HENDERSON W. Virginia.	D. L. WilsonVirginia.
W. I. HEYWARDS. Carolina.	R WITHERSPOONS. Carolina.
B. O. KENNEDYS. Carolina.	E. J. L. WYRICKArkansas.
II France	
II. English	
A. A. Austin	G. SANTINILouisiana.
A. CABELLNew York.	C. B WILLINGHAMGeorgia.
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SCHOOL OF MORA	AL PHILOSOPHY-
G. B. CRAWFORDVirginia.	W. H. SUMMERELLN. Carolina.
H. FARRARLouisiana.	C. B. WILLINGHAMGeorgia.
W. W. GRAY Tennessee,	D. L. WilsonVirginia.
E. L. GUTHRIE Illinois.	E. J. L. WYRICKArkansas.
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SCHOOL	OF HISTORY.	
A. CABELLNew York.	J. W. TAYLOR	
G. SANTINILouisiana.	E. W. TERHUNETexas.	
SCHOOL OF M	ATHEMATICS.	
E. P. CLARKEMissouri.	F. ROANEVirginia.	
W. G. McDowell Virginia.	W. H. SHIELDS Louisiana.	
B. S. MooreTexas.	J. W. STEPHENS Tennessee.	
W. RheaTennessee.	D. L. WilsonVirginia.	
SCHOOL OF APPLI	ED MATHEMATICS.	
Engin	EERING.	
W. J. BENNETTS. Carolina,	W. M. DUNLAPVirginia.	
	RAL PHILOSOPHY.	
	W. M. DUNLAPVirginia.	
J. C. CalhounAlabama.	F. A. WADDILLS. Carolina.	
SCHOOL OF	CHEMISTRY.	
Junior	CLASS.	
A. A. AustinMissouri.	W. T. McCutchan Virginia.	
E. P. CLARKEMissouri.	W. G. McDowell Virginia.	
R. H. FLEMINGVirginia.	B. S. MOORE	
W. W. GRAYTennessee. J. B. GUTHRIEVirginia.	W. D. Postal	
F. H. HEISKELLTennessee.	F. V. RATHBONE W. Virginia. F. ROANE Virginia.	
C. H. KEITHLY Missouri.	J. W. STEPHENSTennessee.	
J. KRUTTSCHNITTLouisiana.	W. D. VINSONS. Carolina.	
F. W. Lewis Virginia.	F. WERBERS. Carolina.	
J. S. LewisTennessee.	C. B. WILLINGHAMGeorgia.	
M. MATHEWSTennessee.	D. L. WILSONVirginia.	
A. I. MILLERS. Carolina.	H. M. WILSONTennessee.	
Geo	LOGY.	
A. A. AustinMissouri.	R. W. LILLARDKentucky.	
W. J. BennettS. Carolina.	C. N. MERRIWETHERKentucky.	
G. A. DAZEY	W. G. McDowellVirginia.	
C. Desha	B. S. Moore	
C. H. KEITHLYMissouri.	W. H. SHIELDS Mississippi.	
J. S. Lewis	T. H. Dallelbs Hississippi.	
	designation of the mass of the second	
SCHOOL OF LAW AND EQUITY.		
Junior	CLASS.	
S. T. AustinLouisiana.	G. SantiniLouisiana.	
A. CabellNew York.	T. H. SomervilleVirginia.	
T. S. CONNELLAAlabama.		

## Graduates—1870-'71.

CIVIL E	NGINEER.
WM. J. BENNETTS. Carolina.	WM. M. DUNLAPVirginia.
BACHELOI	R OF LAW.
A. HUNTER BOYDVirginia. PEYTON D. ENGLISHArkansas. JOHN FLETCHERArkansas. GILBERT B. GIBSONVirginia.	Samuel McCormickVirginia. Eugene C. McDonaldArkansas. Stephen L. Mestrezat, Pennsylv'a Wm. L. PratherTexas.
John Green	JOHN V. RYALSVirginia, JAMES B. STUBBSTexas. J. RANDOLPH TUCKER, JR., Virginia JOHN S. VANMETERKentucky.
WM. B. McChesneyVirginia.	
BACHELOR OF FRANK ROANE.	PHILOSOPHYVirginia.
BACHELOR O	
BACHELOR	OF ARTS.
EDWARD P. CLARKEMissouri. ROBERT H. FLEMINGVirginia. W. W. GRAYTennessee. FRANK W. LEWISVirginia.	MARION MATHEWSTennessee. WM. T. McCutchanVirginia. FRANK ROANEVirginia. DANIEL L. WILSONVirginia.
MASTER O	
TALBOT I. BARTLETTE	Louisiana.
The RESIDENT MASTERSHIP, forward upon	or the years 1871-'73, was con-
ferred upon:	
TALBOT I. BARTLETTE	Louisiana.

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The Honorary Scholarships, for the session 1871-'72, were conferred as follows:
BY THE PRESIDENT.
F. G. Buford
IN THE SCHOOLS OF LATIN, GREEK, AND MATHEMATICS.
Frank Field
IN THE SCHOOLS OF APPLIED MATHEMATICS, NATURAL PHILOSOPHY, AND CHEMISTRY.
E. F. Officer
IN THE SCHOOLS OF MODERN LANGUAGES, HISTORY, ENGLISH, AND MORAL PHILOSOPHY.
EMMETT G. LOGAN
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The Robinson Prize Medals, for the session 1870–'71, were conferred as follows:
IN THE SCHOOLS OF LATIN, GREEK, AND MATHEMATICS.
W. D. VINSON
IN THE SCHOOLS OF APPLIED MATHEMATICS, NATURAL PHILOSOPHY, AND CHEMISTRY.
WM, J, BENNETT
IN THE SCHOOLS OF MODERN LANGUAGES, ENGLISH, HISTORY, AND MORAL PHILOSOPHY.
Samuel R. Fisher
The COMMENCEMENT ORATIONS, 1871, were awarded as fol-
lows:
CINCINNATI ORATION.
TALBOT I. BARTLETTE, M. ALouisiana.
UNIVERSITY PRIZE ESSAY.
MARION MATHEWS, A. B
VALEDICTORY ORATION.

### ORGANIZATION.

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.

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INSTRUCTOR: MR. DESHA.

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. Goodwin's and Kühner's Grammars are used. 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, with references to the Grammars of Kühner, Matthiæ, and Jelf. 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, with reference to the Grammars named above. 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 that of Kühner or Matthiæ.

The whole course is required for Proficiency in this School.

A class in Hebrew will be taught by Professor Humphreys.

#### 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.

The Junior classes are taught in sections of convenient size. The Senior classes are also divided, as far as practicable, according

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to progress, the advanced sections studying the additional subjects required for distinguished proficiency.

The Junior classes begin with the first elements. For admission into a Senior class, the Junior course, or its equivalent, is required; and for admission into an advanced Senior section, distinction in the Junior course, or its equivalent. Opportunity is allowed, under special conditions, of completing the entire course in one session; but this is not recommended.

#### Text-Books.

FRENCH.—Junior Class.—Introduction to French Pronunciation, by the Professor. Otto's French Grammar and Exercises, completed.
Æsop's Fables. Böcher's Otto's French Reader.

Senior Class.—Borel's French Grammar and Exercises. Littérature Française 'Classique' and 'Contemporaine' (Holt & Williams.) Students' Classical Drama, Professor's edition Spiers & Surenne's Dictionary (larger edition) is recommended.

GERMAN.—Junior Class.—Otto's German Grammar and Exercises. Grauert's Reader.

Senior Class.—Whitney's Grammar and Reader. Schiller, Gothe; Selected Modern Authors. Adler's German Dictionary is recommended.

In addition to the text-books above named, 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. For this purpose, besides original selections, Borel's Cours de Thèmes and Whitney's German Exercises are used.

Each class in this School recites three times a week.

# 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: In its sanal elocutar a for t

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#### 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 or Green'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 and Bain's Rhetoric; in the latter part, Whateley's Rhetoric, with references 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; Shakspeare; 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.

### 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 from 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 extensive readings in Reid's Intellectual Philosophy, including Hamilton's Notes and Dissertations; Cousin's Criticism of Locke; Jouffroy's Introduction; Thornwell's Discourses on Truth.

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### 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.

INSTRUCTOR: MR. WADDILL.

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.)

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In all the classes, the students are subjected to rigid examinations 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; 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 OF BACHELOR OF SCIENCE. The requisites for the Degree of Bachelor of Arts are the subjects embraced in the Junior and Intermediate Classes.

### 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.)

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#### Text-Books.

In 1st Div., Gillespie's Surveying, and 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's Astronomy; Norton's Astronomy; 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.

### SCHOOL OF NATURAL PHILOSOPHY.

PROFESSOR McCULLOH.

In this School there are two classes:

I. Junior Class.

This class studies: 1. The Mechanics of solids, liquids, and airs. 2. Acoustics. 3. Optics. 4. Electricity and Magnetism, with their applications to telegraphic purposes. 5. Heat and the Steam Engine. (Six lessons per week.)

Text-Books.

Elements of Natural Philosophy, by Sir W. Thomson; Ganot's Physics; and Peck's Mechanics.

II. Senior Class.

This class studies: 1. Cinematics and the principles of mechanism. 2. Dynamics, and its applications to work done by machines. 3. Thermodynamics. 4. Molecular Mechanics, including the theory of Elasticity, Vibrations, Sound, Light, Heat, &c. (Six lessons per week.)

#### Text-Books.

Bartlett's Analytical Mechanics; Bour, Cours de Mécanique et Machines, à l'École Polytechnique, 1865-1868; Tait's Thermodynamics; and the Wave Theory of Light in Airy's Mathematical Tracts. Books of reference will be indicated to the class.

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on sess Those who desire to commence this class must have a knowledge of Analytical Geometry and of Differential and Integral Calculus. Candidates for the Engineering Degrees must have studied the French language and Descriptive Geometry, and must be able to make neat and exact industrial drawings, both in projection and in perspective.

#### SCHOOL OF CHEMISTRY.

PROFESSOR CAMPBELL

Ass'T PROFESSOR DUNLAP.

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

#### I. Junior Class.

- 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.

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In Elementary Chemistry, "Roscoe's Elements" and "Fownes' Chemistry" (recent edition) are the handbooks; with references to Brande and Taylor, Graham, Regnault, Liebig, Gregory, Miller and others.

In the Chemistry of Plants and Animals, "Campbell's Agriculture;" "Gregory's Organic Chemistry;" Johnston's "Chemistry of Common Life;" with other works for reference.

#### II. Senior Class.

### The studies of this class are:

- 1. A course of experiments by every member of the class, illustrating the general principles of chemical science.
- 2. The principles and practice of *qualitative analysis*, both with the blow-pipe and in the humid way, including the testing of ores and other minerals, mineral waters, fertilizers, &c.
- 3. A course of quantitative analysis by both the gravimetric and the volumetric method.

The Senior course is required for the scientific Degrees, or for Distinguished Proficiency in the School, but not for the Degree of A. B.

In Chemical Analysis, Hand Books.—"Bowman's Practical Chemistry" and "Will's Tables," with Fresenius and Fownes for reference.

The students in this class will be charged with the apparatus and material consumed by themselves.

### SCHOOL OF APPLIED CHEMISTRY.

#### PROFESSOR PRATT.

In this School are taught Metallurgy and the applications of the principles of Chemistry to Agriculture, Mining, Manufacturing, and the Mechanic Arts, together with Vegetable and Animal Physiology. Candidates for the Degree of Mining Engineer pursue, in the laboratory, a course of blow-pipe and humid analysis of the most important ores and minerals. They are also taught the subjects of opening, working and ventilating mines; cleaning, pulverizing, washing and reducing the ores of all the more useful metals; the manufacture of iron and steel; the construction of furnaces, &c.; and visits made to important and developed mining regions of the country serve to illustrate practically their theoretical lessons in Geology and Mining.

# 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.

I town adjate	Class	Prof. NELSON.
PURE MATHEMATICS. Intermediate		Prof. CAMPBELL.
PURE MATHEMATICS. Intermediate CHEMISTRY	Tunior Class	Prof. ALLAN.
CIVIL ENGINEERING and DRAWING.	Junior Comment	Prof. Joynes.
FRENCH		Prof. KIRKPATRICK.
ENGLISH		

#### Second Year.

	PURE MATHEMATICS. Se	mion Class	Prof.	NELSON.
	PURE MATHEMATICS. Se	shelly Coulous	Prof.	McCullou.
	PHYSICS and MECHANICS. CIVIL ENGINEERING and	DRAWING	Intermediate ClassProf.	ALLAN.
FRENCH	Prof.	JOYNES.		
	E'RENCH			

#### Third Year.

CIVIL ENGINEERING. Senior Class	Prof.	ALLAN.
MINERALOGY and GEOLOGY	Prof.	CAMPBELL.
MINERALOGY and GEOLOGY. PHYSICS and MECHANICS, (completed,).	Prof.	McCullon.
ASTRONOMY.	Prof.	ALLAN.
ASTRONOMY		

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### II.—MINING ENGINEERING.

(Including Chemical Analysis, Geology and Metallurgy.)

#### First Year.

Same as in preceding course.

#### Second Year.

PURE MATHEMATICS C	1007.
PHYSICS and MECHANICS	Prof. Nelson.  Prof. McCulloh.
CIVIL ENGINEERING and D	Prof. McCurron
CIVIL ENGINEERING and DRAWING. GERMAN OF FRENCH	Intermediate Class Prof. Allan.
GERMAN OF FRENCH	Prof. Joynes.

#### Third Year.

ANALYTICAL CHEMISTRY	
ANALYTICAL CHEMISTRY	Prof. CAMPBELL.
EUNNELS, SHAFTS A TOTAL	Do. Do
PHYSICS and MECHANICS, (completed) MINING and METALLURGY	Prof. ALLAN.
MINING and METALLURGY	Prof. McCulloh.
	Do. Do.

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 NATURAL HISTORY AND GEOLOGY.

# I. NATURAL HISTORY.—Professor McCulloh.

In the course of Natural History, comprising Human and Comparative Anatomy and Physiology, Hygeine, Descriptive Botany, and Vegetable Physiology, there are three lectures and recitations per week.

This course will be illustrated by a well selected collection of anatomical preparations and diagrams; and animals and plants will furnish facilities for demonstration.

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The Text-Books used are Agassiz and Gould's Zoology, Gray's Botanical works, and such plates and books of reference on human and comparative Anatomy as will be indicated to the class.

# II. MINERALOGY AND GEOLOGY.—Professor CAMPBELL.

The course of Mineralogy and Geology will occupy three hours per week in lectures and recitations.

The study of *Mineralogy* will 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 valuable 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.

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

- 1. As a science, describing the physical structure of the Earth's crust, its various constituents, and the relative position of its valuable minerals.
- 2. With reference to its practical relation to Mining, Engineering, and Agriculture.

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

### Text-Books.

Dana's Mineralogy; Dana's Geology.

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

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# DEPARTMENT OF LAW AND EQUITY.

# I. SCHOOL OF COMMON AND STATUTE LAW.

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PROFESSOR BROCKENBROUGH.

# Text-Books.

- 1. Junior Class.—2d, 3d and 4th Books of Blackstone's Commentaries (Sharswood); Smith on Contracts.
- Senior Class.—Williams on Real Property; Williams on Personal Property; Greenleaf on Evidence; Stephens on Pleading; Brightley on Bankruptey.
- 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 abtruse and subtle principles with a zest that will relieve the study of all its drudgery.

# 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 Constitutions, 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; Barton's Suit in Equity.

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.

MARCUS AMMEN, PRINCIPAL.

MR. WADDELL, INSTRUCTOR IN COMMERCIAL ARITHMETIC.

This School is composed of the following branches:

BOOK-KEEPING; COMMERCIAL ARITHMETIC; ACTUAL BUSINESS, AND PENMANSHIP.

- 1. Book-Keeping: The instruction in this department includes: Book-Keeping by Single and Double Entry, with exercises in Individual and Partnership Books, involving practice in Entering, Journalizing, Posting, Balancing, and Closing Accounts and Balance Sheets; Business Forms, such as Invoices, Receipts, Bills of Lading, Checks, Drafts, Promissory Notes, Negotiable Notes, Endorsements, Accounts Current, Accounts Sales, Foreign and Inland Exchange, Insurance Policies and Commercial Correspondence.
- 2. Commercial Arithmetic: including calculations in Fire, Life and Marine Insurance, &c.
- 3. Actual Business: This Department (which includes Book-Keeping) embraces both the Theory and Practice of business; and in order that every sort of transaction and form may come up and be experimentally understood, the student is furnished with Representative Money, with which he purchases a stock of Representative Merchandise; with these he conducts business on his own account, keeping his own books, until the first principles are understood; when his books are closed and a balance sheet is drawn preparatory to a change of business; which will call for additional forms and auxiliary books. In like manner the character of business will be changed from time to time, so that the whole matter may be practically comprehended.
- 4. Fenmanship: The effort is here made to give the student a good business-hand, and as auxiliary to this he is taught the analysis of the letters.

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This School being independent of the regular Academic and Professional Schools of the University, a separate charge is made for tuition in it, as follows:

### TUITIO N .- Payable in Advance.

Book-Keeping	10	00
COMMERCIAL ARITHMETIC	10	00
COMMERCIAL ARITHMETIC	20	00
ACTUAL BUSINESS	20	00
PENMANSHIP	10	00

Certificates will be conferred upon students who complete the course, and pass the required examination in Commercial Arithmetic, Penmanship and Actual Business, or Book-Keeping.

# 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 regular examinations are held at the close of the summer course, and Certificates awarded, to be conferred at the end of the next session. By this arrangement, students are enabled to shorten the time required for taking degrees.

This School is under the supervision of the President, aided by an Executive Committee of the Faculty. The instruction will be given either by members of the Faculty, or by assistants specially authorized by them for the purpose. 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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# SCHEDULE OF CLASSES AND HOURS.

The following Schedule is arranged with reference 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.

ara mrangement or	83,-43	No.	Physics. Sen. Eng. Ex.		Wednesday.  Physics.	Sen. Lat. Ex.	THURSDAY.	Sen. Math. Ex.	FRIDAY,	Physics. Sen. Gk. Ex.
	11-21		Junior Latin S. Junior Math. S. Mechanics. Jun An Moth	· Trann	Jun. English S.	Senior History.	Min. and Geol.		fun. French S.	ing. Literature
to avoid any connict of hours.	$12\frac{1}{2} - 1\frac{1}{2}$		Jun. Latin S. Junior Greek S. Junior Math. S. Physics. Int. Ap. Math. Jun A. Mechanics.	•	Sen. German. Int. Greek, Jun. Mor. Phil. Jun. English S.	Int. Math. S. Senior History.	Sen. Chem. S. Min. and Geol.		Sen. Mor. Phil.	Physiology.
TR FIGURE OF CE CE	$11\frac{1}{2} - 12\frac{1}{2}$	Jun. Math. II. Jun. Latin II. Junior Latin S. Junior Greek S. Junior Math. S. Physics. Int. Ap. Math. Jun. Ap. Math.			Int. Greek.	Sen. English. Sen. Mor. Phil. Jun. French S. Senior Law. Physiology.				
	$10\frac{1}{2} - 11\frac{1}{2}$	Jun. Math. II. Junior Latin S. Jun. Greek II. Jun. Greek S.* Junior Math. S. Junior Math. S.			Sen. German.	Jun. English S. Senior French. Jun. English S. Sen. English. Sen. Mor. Phil. Jun. French S. Junior Law. Junior Chem. S. Jun. English S. Sen. Ap. Math. Senior Law. Prench S. Jun. English S. Sen. Ap. Math. Senior Law. Physiology.				
	$9\frac{1}{2}$ — $10\frac{1}{2}$		dunior Latin S. Junior Math. S.		Rhetoric.	Jun. French S. Jun. German S. Jun. German S. Jun. German S. Jun. Astroni'v. Sonior I. S. Jun. History S. Jun. Astroni'v. Sonior I. v.		Senior Pronot	Sen. Chem. S. Junior Law.	dun. English S.
	81-91	T	Jun. Greek S.		Senior Latin. Jun. Chem S	Jun. French S. Jun. Ap. Math. II.		Jun. English S.	Senior Greek.	The trade, S.
		Daile	Classes.		Classes Meeting	WEDNESDAY, FRIDAY.		Classes		SATURDAY.

\*S. denotes the different Sections of the same Class.

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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.

### 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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# 1. ACADEMIC.

I. Bachelor of Philosophy (B. P.) Required: Certificates of Proficiency in English; Moral Philosophy and Rhetoric; History and 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 Literature; English, or one Modern Language; 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; Natural Philosophy; and in Modern Languages 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 may 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; Mineralogy 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; Mineralogy 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.

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# 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, &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:

The first, within the Schools of LATIN, GREEK, and MATHE-MATICS.

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

The third, 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, numbered as above arranged, 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, will be 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, will be 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 during the present year 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

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num-Prize 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, in any Class or School, 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.

# 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 to be 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.

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to apo make These den reduties sitions n each 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, seeking the advantages of the University, as are unable to pay the same, and their bond 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. The Faculty may at any time withdraw this privilege from any student who may prove unworthy of it; and 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 with reference to the credit extended to meritorious indigent young men. (Paragraph III, above.)

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 for tuition, &c.

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 academical instruction in the University.

The University does not furnish board to students holding scholarships, or to those who are received on credit, or to those received without charge for tuition, under any of the above provisions.

# 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.

# 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. At the end of the first month the classes are re-organized, as may be found necessary, and a permanent classification established. 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 stan enti be c or i

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et receive ee to the choice and arrangement of their studies, according to the circumstances 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.

### 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, after the student has acquired the habit of attention, 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.

### 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 buildings, to which the students have free 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.

# REPORTS TO PARENTS AND GUARDIANS.

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Weekly 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 class standing and absences for the preceding term.

# RELIGIOUS AND MORAL CULTURE.

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

The students are required to attend these exercises, and are expected to attend 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.

# 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.

# 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 received during the last year a valuable collection of works on *Engineering*, from Moncure Robinson, Esq., of Philadelphia, and during the present year, 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.

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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.

# 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, 1871.

### GRAHAM LEE SOCIETY.

Best Debater:
J. B. Stubbs, Texas.

Best Declaimer:
E. M. Kirtland, Tenn.

Orator:
A. C. Houston, W. Va.

### WASHINGTON SOCIETY.

Best Debater:
R. H. Fleming, Virginia.

Best Declaimer:
ASHLEY CABELL, New York.

Orator:
W. D. STEVENSON, Tenn.

### Address:

Hon. Jos. W. TAYLOR, Alabama.

# Anniversaries, 1872.

# GRAHAM LEE SOCIETY.

Orator:

S. R. FISHER, Texas.

Debaters:

J. K. LAKE, Ky.
HENRY B. LEE, W. Va.
JAS. ALDRICH, S. C.
'M. KLEBERG, Texas.

# WASHINGTON SOCIETY.

Orator:

S. H. CHESTER, S. C.

Debaters:

J. S. LEWIS, Tenn. FRANK FIELD, Mo. R. A. WALLER, Ill. T. F. WEST, Va. precent ates of the awar

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# 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.

W. TAYLOR THOM, and LUCIUS DESHA, Vice-Presidents.

C. A. GRAVES, Secretary.

J. W. BARCLAY, Treasurer.

### Executive Committee.

Judge J. K. Edmondson, Chairman.

Maj. J. B. DORMAN,

W. A. ANDERSON, Esq.,

JACOB FULLER, Esq.,

E. B. KRUTTSCHNITT, Esq.

Alumni Orator, 1871, Rev. T. L. Preston, Richmond, Va.

# 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; the Certificates of Proficiency 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, as above noted, also take place in Commencement Week.

# COMMENCEMENT, 1871.

Baccalaureate Sermon.

Rev. J. C. GRANBERRY, D. D, Richmond, Va.

Cincinnati Oration:

T. J. BARTLETTE, M. A., Louisiana.

University Prize Essay.

M. MATHEWS, Tenn.

Valedictory:

D. L. Wilson, A. B., Va.

# LENGTH OF SESSION.

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The next session will commence on the third Thursday in September, 1872, and continue without interruption until the fourth Thursday in June, 1873. The second half-session begins on the first of February. Special arrangements are made for entrance at this time.

# EXPENSES, &c.

### FEES.

In the Academic Department:				
Tuition, including four Schools	\$70	00		
Matriculation fee, &c				
Continue of the American Continue of the Conti			\$100	00
In the Engineering Department:				
Tuition, including four Schools	885	00		
Matriculation fee, &c	30	00		
	-		\$115	00
In the Law Department:		,		
Γuition\$				
Matriculation fee, &c	30	00		
			\$115	00
Room Rent, (for occupants of 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.

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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, by the consent of the Faculty, without additional charge; but after that time such change will not be permitted except upon the payment of the additional fee.

When a student is necessarily withdrawn from the University on account of 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 large 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.

As the lavish expenditure of money leads to many evils, parents are urged to limit their sons in their allowance of pocket money. To secure this end, it is recommended that parents direct their sons to deposit their funds with the Treasurer, who is authorized to receive them.

# TEXT-BOOKS.

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

### 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.

# 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.

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

# PHYSICAL SURVEY.

The Board of Survey appointed by the Trustees have been engaged for the past three years in collecting material for maps of the counties and of the State. These materials are worked up under the direction of the Board by Major J. Hotchkiss, their Topographical Engineer, and the maps will be published from time to time, as the arrangements for that purpose can be made. Another object of the Board is to collect all mineralogical, geological, or other information that may have a bearing upon the development of the resources of the State. Geological and mineralogical specimens, illustrating the different counties and sections, if forwarded to the President will be thankfully received, and placed in the cabinet with names of donors attached.

# 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. It contemplates in addition to the courses now in operation, the following:

- 1. A course of Agriculture.
- 2. A course of Commerce.

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3. 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.

Chronicles of the Kings of England. Presented by Dr. A. L. McCorkle. Sir William Hamilton's Lectures. Presented by Messrs. Lewis & Paine. Solar Eclipse of December, 1870. Presented by Rear Admiral Sands, U. S. N. Popular Life of Gen. R. E. Lee. Presented by Gen. G. W. Custis Lee. Nautical Almanac for 1874. Presented by Prof. J. H. C. Coffin, U. S. N. Agricultural Report for 1870. Presented by Hon. S. A. Merritt, Idaho. Geological Exploration of 40th Parallel. Presented by Hon. S. A. Merritt, daho.

Geological Exploration, vol. 5. Botany. Presented by Hon. S. A. Merritt, Idaho.

Papers relating to the History of the Church in Va. Presented by Rev. Wm. Stevens Perry, D. D.

Debates in General Convention of the Prot. Epis. Church. Presented by Rev. Wm. Stevens Perry, D. D.

Barnard's Report as Commissioner of Education. Presented by Hon. J. W. Johnston, Va.

Mining Statistics West of Rocky Mountains. Presented by Hon. S. A. Merritt, Idaho.

Metric System of Weights and Measures. Presented by Hon. S. A. Merritt, Idaho.

Correspondence of Sir Philip Sidney and H. Languet. Presented by S. A. Pears, M. A., England.

Virginia School Report, 1871. Presented by W. H. Ruffner, Supt. P. Inst. Robinson's Practice, vol. 6. Presented by Conway Robinson, Esq. Valuable Public Documents, 6 vols. Presented by Hon. J. T. Harris, Va. Explorations in Geology, &c. Presented by Gen. Humphreys, U. S. A. Library of the late N. P. Howard, Esq., containing about 3600 volumes. Presented by W. W. Corcoran, Esq.

Divinity of Christ. Presented by Messrs. Little, Brown & Co., Boston.
Astronomical and Meteorological Observations, 1869. Presented by Rear
Admiral Sands, U. S. N.







# CALENDAR.

# Session 1871-'72.

BACCALAUREATE SERMON
FINAL CELEBRATION OF THE LITERARY SOCIETIES
ANNUAL MEETING OF THE ALUMNI ASSOCIATION
STATED MEETING OF THE BOARD OF TRUSTEES
ANNUAL ADDRESS BEFORE THE ALUMNI ASSOCIATION26th June, 1872.
COMMENCEMENT DAY, CLOSING EXERCISES OF THE SESSION,
Address before the Literary Societies27th June, 1872.

# Session 1872-'73.

OPENING OF THE SESSION
LEE MEMORIAL DAY
Anniversary of the Graham Lee Society
A NNIVERSARY OF THE WALL TO SEE SOCIETY19th Jan'y, 1873.
Anniversary of the Washington Literary Society22d Feb'y, 1873.
BACCALAUREATE SERMON
FINAL CELEBRATION OF THE LITERARY SOCIETIES
Annual Meeting of the Alumni Association24th June, 1873.
STATED MEETING OF THE BOARD OF TRUSTEES24th June, 1873.
ANNUAL ADDRESS BEFORE THE ALUMNI ASSOCIATION25th June, 1873.
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