The certificates of all the divisions of the school shall be signed by the Chancellor or Vice-Chancellor of the University, and by the Chairman of the Professorial Board, and shall be sealed with the seal of the University.

The following are the courses of study prescribed for the respective divisions:-

I. Associ		Marrasa	Division		1	III. Associate	guro	-Grotogi	CAT. DIVIS	TON.	
		_						r's Lect			Iours.
1		's Lectur		J	Hours.	Mathematics		•••			
Mathematics	•••				5	Mining Geology Physical Geology	•••			•••	3
Mining Geology Physical Geology Theoretical Chemist	•••	•••	***	• • •	3	Physical Geology			,,	•••	1
Physical Geology			 l l	•••	1 5	Theoretical Chemistry	and Of	iemical T	echnology		$egin{smallmatrix} 5 \ 2 \end{bmatrix}$
Theoretical Unemist	ry and Cr	iemicai 16	····	•••	2	Drawing	•••	•••	•••	•••	
Drawing	•••	•••	• •••	•••		Total hours per	wook				16
Total hours	ner week					rotal nours ber	WCCK	•••	•••	•••	_
10th Hours	PO1 11001	•••		•••		Seco	nd Yea	r's Lectu	res.	I	Iours.
_						Mathematics and The					
Secon	d Year's	Lectures.			Hours.						_
Mathematics and T	heoretical	Mechanic	cs	• • •		Physics Mine and Land Surve	ving	•••	•••		-
Mining Physics Mine and Land Sur		•••	•••	•••	3	Mineralogy	•			• • • •	4
Physics	···	•••	***	•••	_	Mineralogy Natural History		•••	•••		5
Mine and Land Sur	veying	***	•••	•••	$\frac{3}{4}$						_
Mineralogy Drawing	***	•••	•••			Total hours per	r week	•••	•••		20
Drawing	•••	•••	•••	•••	_	m.	7 77	T	res.	,	Hours.
Total hours	ner week				20						-
Total Hours	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•••	•••	• • • •	_	Use of the Blowpipe,	and Dat		zo Minorole		
<u></u> .	1 77 '	T			TT	Analytical Chamieter	and Del	WITHING!	A TITIOLSTIC	′5 J	5
		Lectures.			Hours.	Analytical Chemistry Palæontology Drawing Geological Field Prac		•••	•••	•••	3
Mining					_	Drawing	•••		•••		4
Petrography Assaying	•••	•••	•••	•••		Geological Field Prac	tice				•••
Assaying		 	 Minaml		$\frac{3}{2}$						_
Use of the Blowpip	e, and De	регшинич	e brinerar	ogy	3	Total hours per v	veek		•••		16
Applied Mechanics Drawing	•••		•••	• • •	2						_
Diawing			•••		_	IV. CERTIFI	CATE O	F MININ	G SURVEYO)R.	
Total hours p	er week fo	r first 3 n	nonths		15	Fir	st Year	r's Lectu	res.	J	Hours.
20002 20012 p					_	Mathematics	•••	•••	•••		5 3
Laboratory Practice	for 3 mo	nths			5	Mathematics Mining Geology Physical Geology Theoretical Chemistry	•••	•••	•••	•••	1
-						Theoretical Chemistry	z and C	hemical 7	 Technology	•••	5
Total hours	per week :	for second	3 months	5	20	Drawing					4
											_
						Total hours pe	r week				18
II. Associate	sнір.—М	ETALLURG	HICAL DIV	7 1S IO	N.	_		_			
7	Vant Van	's Lectur	•••		Hours.			r's Lectu			Iours.
						Mathematics and The	oretical	Mechani	.cs	• • •	
Mathematics Physical Geology	•••	•••	•••	•••	5 1	Mine and Land Surve Physics Mineralogy Drawing Surveying Practice	yıng	•••	•••	•••	
Theoretical Chemis	er and C	hemical T	echnology	,	5	Minoralogy	•••	•••	•••	•••	3 4
Drawing Drawing					4	Drawing	•••	•••	•••		
2-14			•••			Surveying Practice	•••				
Total hours	per week	•••			15	I .					_
	•					Total hours pe	r week		•••		19
	econd Va	ar's Tanta	ures		Hours.	ĺ					
						V. Certificate of Metallurgical Chemist and					
Mathematics and T	neoretical	Mechanic	cs	•••	5		Ass	AYER.			
Metallurgy Physics	***	•••	•••	• • • •	3 3	Mathamatica	st Year	r s Lectu	res.		Hours.
Analytical Chamiet	 rw and Ta	horetory	Proctice	• • •	10	Mathematics Physical Geology	• • • •	•••	•••	•••	$egin{array}{c} 5 \\ 1 \end{array}$
Physics Analytical Chemist Mineralogy	. J GIIU LA	JUIGIUIY .		•••	4	Theoretical Chemistry	v and O	hemical '	 Fechnologe	•••	5
	•••	•••	•••	•••		Analytical Chemistry			•		5
Total hours	per week	•••			25	Metallurgy		•••	•••	•••	3
	L · · · ·				_	Drawing					2
,	71.2.3 W	wa Tanker	u.e.a		Hours.			. •			
	nitu 160	r's Lectur	ca.			Total hours pe	r week	***	***	•••	21
Metallurgy			•••							_	
Assaying						ond Ye	ar's Lect			Hours.	
Accaying -	e, and De	terminati	ve Minera	Toga	2	Assaying Matallanam		•••	•••	•••	3
Use of the Blowpip			•••		. 3	Metallurgy Mineralogy	•••	•••	•••	•••	3 4
Use of the Blowpip Applied Mechanics	 af O		ant of			withershow v					
Use of the Blowpip Applied Mechanics Mechanical Prepare	tion of O						and Da	tarminat	ira Minara	 logy	
Use of the Blowpip Applied Mechanics Mechanical Prepara lectures (for	tion of O about two			• • •	3	Use of the Blowpipe,					2
Use of the Blowpip Applied Mechanics Mechanical Prepara lectures (for Drawing	tion of O about two				3 2	Use of the Blowpipe, Physics	and De	eterminat:	ive Minera	logy 	2 3
Use of the Blowpip Applied Mechanics Mechanical Prepara lectures (for	tion of O about two			• • •	3 2	Use of the Blowpipe,	and De	eterminat:	ive Minera		2
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Sub-Enclosure 3 to Enclosure 2 in No. 21. SYNOPSIS OF THE CLASSES IN THE SCHOOL OF MINES.

MATHEMATICS.—Professor Shand.

First Year.—Euclid: Six books, with geometrical exercises. Algebra: To the binomial theorem. Trigonometry: To the solution of plane triangles, including the use of logarithms. Text-books: Todhunter's Euclid, Colenso's Algebra, and Colenso's Trigonometry.

Second Year.—Algebra and trigonometry: An extended course. Elementary mechanics and hydrostatics. Text-books: Todhunter's Algebra, Todhunter's Trigonometry, Goodwin's Statics, Goodwin's Dynamics and Recent's Hydrostatics.

win's Dynamics, and Besant's Hydrostatics.