



# ALMA MATER COLLEGE

## SUBJECT CHOICE FORM : 2022

Student name and surname		
CIE Exam number		
Parent/Guardian	Mr/Ms:	
I have read and accept the Admission Policy of Alma Mater	Signature: Student:	Signature: Parent/Guardian:
I have read and understand the UNIVERSITIES SOUTH AFRICA requirements	Signature: Student:	Signature: Parent/Guardian:
I understand that College courses offered are subject to demand.	Signature: Student:	Signature: Parent/Guardian:
	Date:	Date:

### Choosing your subjects

1. **The following age groups are recommended:**
  - *Cambridge Lower Secondary 1 for 11 – 14 years:* Cambridge Checkpoint (Gr 7 – 8)
  - *Cambridge Upper Secondary 2 for 14 - 16 years:* Cambridge IGCSE (Grade 9 -10)
  - *Cambridge Advanced for 16 -19 years:* Cambridge International A and AS Level (Grade 11-13)
2. Two language Afrikaans/French, English First Language, Mathematics (either Extended or Core) are compulsory subjects up to the end of IGCSE. **Highly recommended Physics and Chemistry.** One Science may be dropped only on recommendation from management.
3. If a student wants to continue with a subject on A/AS-Level a C-symbol on the IGCSE Extended level is the minimum requirement.
4. Afrikaans 2<sup>nd</sup> Language or French as a Foreign Language can be written off at the end of Grade 10 only if an A or B symbol is achieved AND at least a B symbol for IGCSE English First Language.
5. Core and extended options are available at IGCSE level in Mathematics only. Please note – **an IGCSE subject on Core cannot be taken on A/AS Level.**
6. To ensure that you will be able to apply to university, choose your subjects from the correct groups as shown on page 4, meet the Faculty's minimum requirements for your field of study as shown in the prospectus of the different universities and achieve the correct grades.
7. Internships at own cost.
8. Further Mathematics (A-level) is a minimum requirement to study engineering degrees at Cambridge/Oxford University. Further Mathematics is also a requirement to enable a student to study Theoretical Physics Degree programmes at International Universities.
9. Ensure that your subject choices adhere to the Universities South Africa (USAF) requirements for exemption to apply to study at a university.
10. Requirements for USAF and SAQA below.

#### **Entrance to Degree Courses according to Universities South Africa (USAF) (NSC Matric with Exemption)**

- 4 x AS Levels passes at grade D *plus* 1 x IGCSE at grade C
- 2 x A Level passes at grade E *plus* 3 x IGCSE at grade C
- 3 A Level passes at grade E *plus* 1 x IGCSE at grade C
- 5 AS Level passes at grade D

#### **Entrance to Diploma and Certificate Courses according to South African Qualifications Authority (SAQA) (NSC Grade 12 Equivalence)**

- 2 x AS Level passes at grade D *plus* 3 x IGCSE at grade A to C
- 2 x AS Level passes at grade D *plus* 5 x IGCSE at grade A to E
- 1 x A Level pass at grade E *plus* 3 x IGCSE at grade A to C
- 1 x A Level pass at grade E *plus* 5 x IGCSE at grade A to E

MINIMUM SUBJECT REQUIREMENTS PER GRADE	CAMBRIDGE LOWER SECONDARY GRADE 8 Choose 5 compulsory subjects plus two others from Humanities list	CAMBRIDGE UPPER SECONDARY: IGCSE GRADE 9 and 10 Choose a minimum of 6 subjects from the subject list below. Circle your choices – Year 1 and 2 must be the same subjects.	
	LOWER SECONDARY	UPPER SECONDARY	
SUBJECTS*	GRADE 8	GRADE 9 IGCSE YEAR 1	GRADE 10 IGCSE YEAR 2
Afrikaans as a Second Language	Compulsory	0548	0548
OR	OR	OR	
French Foreign Language	Compulsory	0520	0520
First Language English	1111 Compulsory	0500	0500
<b>SCIENCE</b>	<b>CAMBRIDGE CHECKPOINT</b>	<b>IGCSE</b>	<b>IGCSE</b>
Coordinated Science	1113 Compulsory	Not available	Not available
Biology	Not available	0610	0610
Mathematics (Core)	Not available	0580	0580
Mathematics (Extended)	1112 Compulsory	0580	0580
Physics	Not available	0625	0625
Chemistry	Not available	0620	0620
<b>HUMANITIES/VOCATIONAL</b>		<b>IGCSE</b>	<b>IGCSE</b>
Business Studies	Study Guide	0450	0450
Computer Science	Not available	0478	0478
Design & Technology	Study Guide	0445	0445
Economics	Study Guide	0455	0455
Geography	Study Guide	0460	0460
ICT	Compulsory		

### CAMBRIDGE ADVANCED: AS LEVEL

A maximum of 6 subjects are permitted. English Language is compulsory.

LANGUAGES	AS level over 1 year or extended over 2 years (GR 11 & 12)	
Afrikaans Language (Subject to demand)	8679	8679
English Language	9093	9093
<b>SCIENCES</b>		
Biology	9700	9700
Chemistry	9701	9701
Physics	9702	9702
Mathematics	9709	9709
• Pure Mathematics: Paper 1	Compulsory	
• Probability & Statistics: Paper 5		Choice
or		or
• Mechanics: Paper 4		Choice
<b>HUMANITIES/VOCATIONAL</b>		
Business	9609	9609
Economics	9708	9708
Computer Science	9618	9618
Design and Technology	9705	9705
Geography	9696	9696

## CAMBRIDGE ADVANCED: A LEVEL – circle your subjects of choice

A maximum of 4 subjects are permitted. English Language on AS Level adds value to prospective proficiency requirements and faculties.

A LEVEL SUBJECT COMBINATIONS	SUBJECTS	AS LEVEL	A LEVEL
BA Degrees – IGCSE Mathematics passed with a C-symbol and above will meet the minimum requirement. Business Degrees Commerce Degrees Law Degrees Computer Science Degrees Performing and Fine Arts: Portfolio is required. Please consult with School for references.	Business Studies	9609	9609
		OR	
	Economics	9708	9708
	English Language	9093	9093
	Mathematics	9709	9709
	• Pure Mathematics: Paper 1	Compulsory	
	• Probability & Statistics: Paper 5	Compulsory	
Access to all fields of study, if AS English Language is taken.	Biology	9700	9700
	Chemistry	9701	9701
	Physics	9702	9702
	Mathematics	9709	9709
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
BSc Degrees  A Level Biology and AS Level English: Prerequisite to study Medicine at selected Universities Consult for more information.	Mechanics: Paper 4		Compulsory
	Biology	9700	9700
	Chemistry	9701	9701
	Mathematics	9709	9709
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
BSc Degrees  Chemical Engineering Specialized Engineering	Probability & Statistics: Paper 6		Compulsory
	Chemistry	9701	9701
	Physics	9702	9702
	Mathematics	9709	9709
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
BEng Degrees Software/Computer Engineering  AS English Language is required for: • Actuarial Science • Data Scientist • Informatics	Mechanics: Paper 4		Compulsory
	Computer Science	9618	9618
	Physics	9702	9702
	Mathematics	9709	9709
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
Geo Engineering Geo-Oceanography Geomatics	Mechanics: Paper 4		Compulsory
	Geography	9696	9696
	Physics	9702	9702
	Mathematics	9709	9709
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
BA Degrees BCom Degrees Public Health Law BTech in Life Science	Mechanics: Paper 4		Compulsory
	English Language	9093	9093
	Biology	9700	9700
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
	Probability & Statistics: Paper 6		Compulsory
Architecture BEng  AS Design and Technology is highly recommended to meet the portfolio and skill requirement.	English Language	9093	9093
	Physics	9702	9702
	Mathematics	9709	9709
	Pure Mathematics: Paper 1	Compulsory	
	Probability & Statistics: Paper 5	Compulsory	
	Pure Mathematics: Paper 3		Compulsory
	Mechanics: Paper 4		Compulsory

**All external examinations to be written at the end of the AS/A Level course in the Oct/Nov sitting of Grade 12. External examinations in May/June of the following year may be considered.**

**UNIVERSITIES SOUTH AFRICA MINIMUM ADMISSION REQUIREMENTS FOR EXEMPTION FOR BACHELOR DEGREE PURPOSES.**

Complete Exemption	Number of Required Subjects	Minimum Qualification Combination	Minimum Grade Required	Subject Group Requirements	Notes
Cambridge International A Level	5	2 subjects at A Level PLUS 3 subjects at IGCSE Level	E	Students must choose ONE subject from each of Groups I, II and III at either A Level or IGCSE Level. The fourth and fifth subjects for either A Level or IGCSE Level may be taken from any of the groups.	More than one subject can be chosen from a group providing that the minimum requirements have been met.
			C		
Cambridge International A Level	4	3 subjects at A Level PLUS 1 subject at IGCSE Level	E	Students must choose ONE subject from each of Groups I, II and III at either A Level or IGCSE Level. The fourth subject for either A Level or IGCSE Level may be taken from any of the groups.	
			C		
Cambridge International AS Level	5	4 subjects at AS Level PLUS 1 subject at IGCSE Level	D	<b><u>Students must choose ONE subject from Group I OR II and TWO subjects from two of Groups III, IV and V. The fourth and fifth subjects for either AS Level or IGCSE Level may be taken from any of the groups. English First Language should be offered and passed at appropriate level. N.B. Two languages must be offered to qualify for complete exemption.</u></b>	More than one subject can be chosen from a group providing that the minimum requirements have been met.  <b>EXPLANATION OF THE TWO-SITTING RULE</b> Candidates qualifying for the above exemptions for Bachelor Degree purposes need to meet the minimum requirements in two examination sittings. <b>Examinations taken in the same calendar year are regarded as ONE sitting.</b>  Where a subject is not examined in Oct/Nov or May/June session, the following or preceding Oct/Nov or May/June session will be regarded as the same sitting, e.g. Afrikaans Language is not offered by Cambridge in the May/June session.
			C		
Cambridge AICE	5	5 subjects at AS Level (full credit)	D	Students must achieve passes in: – English Language – at least one subject from Group II – at least one of the following:  Biology, Mathematics, Physics, Chemistry, History, Economics or Geography  The fourth and fifth subjects may be taken from any of the groups.	

**RECOGNISED UNIVERSITIES SOUTH AFRICA SUBJECT LIST.**

Group I	Group II	Group III	Group IV	Group V	Ungrouped but recognised subjects
English Language	Afrikaans	3 <sup>rd</sup> language (which is not offered as part of Group 2 requirement).	Art and Design	Accounting	<b>Literature in English</b> (see note below).
English Language and Literature	German	Biology	Biology	Business Studies	<b>Literature in English is a recognised subject but does not meet any grouping requirements and therefore will not be taken into account for exemption purposes.</b>
			Chemistry		
			Physics		
	IsiZulu	Mathematics	Economics	Design and Technology	<b>All Group V subjects at Cambridge International AS Level are only recognised if the candidate has passed IGCSE Mathematics with a minimum of grade C.</b>
	Italian	Physical Science	Geography	Computer Science	
	Portuguese	Physics	History		
	Setswana	Chemistry	Mathematics		
	Spanish	Combined Science	Music		
	French	Co-ordinated Science	Physical Science		

**DISCLAIMER**

The Directors, Principal/s, its agent/s and/or its employee/s (“the School”) shall not be liable for, and the Student/s, Parent/s of the students and legal guardians hereby waive/s and abandon/s any claims of whatever nature including but not limited to that for any misunderstanding, non-acceptance by any South African or International University, loss or damage of whatever nature, against the School, whether arising from the School’s inability to update the information on the document, negligence or otherwise. The Student/s, Parent/s of the students and legal guardians, in addition to the aforesaid, hereby indemnify the School against any claims which may arise from whatever nature, whether arising from the School’s default, negligence or otherwise. This disclaimer notice is clearly printed and is valid and shall be deemed to be accepted by Student/s, Parent/s of the students and legal guardians, when the said Subject Choice form has been completed and signed.