



Subject Choice Grade 9

May 2016

For any questions please contact the universities directly

Faculty	Possible career Opportunities	Recommended or Required subjects
Medicine and Health sciences	Medical doctor; dietician; physiotherapist; occupational therapist; speech-language therapist	Mathematics, physical sciences and life sciences.

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
<p>ARTS & SOCIAL SCIENCES</p>	<p>Human resource manager, sport scientist; information specialist; politician; psychologist; social worker; actor; theatre scientist; graphic designer; artist; civil servant; language practitioner; musician; journalist (postgraduate programme); project planner; teacher.</p>	<p>Mathematics or Mathematical Literacy (depends on choice of programme)</p>

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
Argisciences	Forest manager; food scientist; careers in animal and crop production; conservation ecologist; agricultural economist; winemaker; cellar manager; agronomist; careers in agri-tourism; general farming; consultant	<p>Mathematics, Physical Sciences and Life Sciences</p>

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
Education	Teacher: foundation, intermediate or senior phase (R to 9); educational psychologist (to become a high-school teacher, you must first obtain a B degree with the subject(s) that you would like to teach and then the Postgraduate Certificate in Education(PGCE)).	Mathematics or Mathematical Literacy

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
<p>Economic & Management Sciences</p>	<p>Chartered accountant; management accountant; financial accountant; actuary; economist; entrepreneur; investment manager; financial manager; marketing manager; human resource manager; logistics manager; risk manager; computer scientist(IT); Industrial psychologist;</p>	<p>Mathematics, Afrikaans and English</p>

Stellenbosch University

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
Engineering	Chemical, civil, electric and electronic, mechanical, mechatronic, or industrial engineer.	Mathematics and Physical Sciences

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
Law	Advocate; lawyer; legal advisor.	<p>Mathematics or Mathematical Literacy (depends on choice of programme)</p>

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
Science	Ecologist; physiologist; biochemist; microbiologist; biokenetics; sport scientist; psychologist; physicist; geologist; GIS specialist; teacher; computer scientist(IT); mathematical statistician.	Mathematics and Physical Sciences. Life Sciences strongly recommended if you wish to study a programme in Biological Sciences.

Faculty	Possible Career Opportunities	Recommended Or Required Subjects
Economic and Management Sciences	Chartered Accountant, Management Accountant, Financial Accountant, Entrepreneur Industrial Psychologist Computer Scientist Financial Manager	Mathematics, Afrikaans or English



MATHS & PHYSICAL SCIENCES REQUIRED

ENGINEERING & THE BUILT ENVIRONMENT

Construction Studies
 Chemical Engineering
 Civil Engineering
 Electrical Engineering
 Electrical & Computer
 Engineering
 Electro-Mechanical Engineering
 Geomatics
 Mechanical Engineering
 Mechatronics

HEALTH SCIENCES

MBChB (Medicine)
 Physiotherapy**
 Occupational Therapy*
 Audiology *
 Speech-Language Pathology*

* Maths or Mathematical
 Literacy and Physical
 Sciences or Life Sciences

** Physical Sciences or
 Life Sciences



MATHS & PHYSICAL SCIENCES REQUIRED

SCIENCE

Bachelor of Science

Majors:

- Applied Biology
- Applied Mathematics
- Archaeology**
- Astrophysics
- Biochemistry
- Business Computing*
- Chemistry
- Computer Engineering*
- Computer Games Development*
- Computer Science*
- Ecology & Evolution
- Environmental & Geographical Science**

- Genetics
- Geology
- Human Physiology
- Marine Biology
- Mathematics
- Mathematical Statistics
- Ocean & Atmosphere Science
- Physics

* Physical Sciences or Information Technology required

** Physical Sciences or Life Sciences required



MATHS REQUIRED

COMMERCE

Bachelor of Business Science

1. Actuarial Sciences

- Actuarial Science
- Quantitative Finance

2. Management Studies

- Computer Science
- Economics
- Economics with Law
- Finance
- Finance (CA option)
- Information Systems
- Marketing
- Organisational Psychology
- Quantitative Management

Bachelor of Commerce

1. Actuarial Sciences

- Actuarial Science
- Quantitative Finance

2. Financial Accounting

- General Accounting
- Chartered Accountant (CA option)
- Accounting with Law

3. Economics

- Philosophy, Politics & Economics (PPE)
- Economics & Finance
- Economics & Statistics
- Economics with Law

4. Information Systems

- Information Systems
- Information Systems and Computer Science

5. Management Studies



MATHS REQUIRED

ENGINEERING & THE BUILT ENVIRONMENT

Architectural Studies
Property Studies

HUMANITIES

Bachelor of Social Sciences

Majors:

- Applied Statistics
- Economics
- Statistics

Structured Curriculum

- Philosophy, Politics & Economics (BSocSc)



MATHS OR MATHEMATICAL LITERACY

HUMANITIES

NAMED DEGREE PROGRAMMES

1. Fine Art (BA(FA))

- Drawing
- Painting
- Sculpture
- Photography
- Design

2. Social Work (BSW)

3. Theatre and Performance (BA)

- ##### 4. Music
- B.Music

5. Dance

- B.Mus (Dance)

STRUCTURED CURRICULUM

1. Film and Media Production

2. Diplomas

- Diploma in Dance Education
- Diploma in Theatre and Performance
- Diploma in Music Performance



MATHS OR MATHEMATICAL LITERACY

GENERAL DEGREE PROGRAMMES

Bachelor of Arts

Majors:

- African Language & Literatures
- Afrikaans
- Arabic
- Business French
- Classical Studies
- Dance
- Drama
- Economic History
- English
- Film & Television Studies
- French
- German
- Hebrew Language and Literature
- History
- Italian
- Jazz Studies
- Law*
- Linguistics
- Media and Writing
- Music
- Spanish
- Visual and Art History
- Xhosa Communication



MATHS OR MATHEMATICAL LITERACY

Bachelor of Social Sciences

Majors:

- Archaeology*
- Environmental & Geographical Science*
- Gender Studies
- Industrial Sociology
- International Relations
- Organisational Psychology*
- Philosophy
- Politics
- Psychology
- Public Policy and Administration
- Religious Studies
- Social Anthropology
- Social Development
- Sociology

* Majors offered by departments not established in the Faculty of Humanities



MATHS OR MATHEMATICAL LITERACY

LAW

The Bachelor of Laws (LLB) is offered in three different ways:

- 4 year Undergraduate LLB
- 3 year Graduate LLB
- 5 year Combined Humanities and LLB or Commerce and LLB

UCT

DEUTSCHE
INTERNATIONALE
SCHULE
KAPSTADT



MATHS OR MATHEMATICAL LITERACY

**Beware:
Maths Literacy limits your
career choices enormously.**

NB Non-Academic Merit and CV – show social responsibility

- **To work on your CV, get involved NOW in a long term project that enhances the community**
- **There is a lot of competition**
- **For example - at UCT 55000 applications received in December and only 5000 students could be admitted**
- **NB build up your profile now – it is too late in Grade 12**