

UNIVERSITY OF THE  
WITWATERSRAND,  
JOHANNESBURG



# FIND YOUR CAREER PATH



## GRADE 9 SUBJECT CHOICE





## Find your career path

Both learners and parents are inclined to associate subject choice for Grade 9 with a commitment to a lifelong career plan. Career paths, however, seldom develop according to the plans that we put in place when making subject choices in Grade 9. Our journey of self-discovery and opportunity awareness influence our decisions every step of the way. Still, when making career decisions, it is necessary to have goals and a plan through which to achieve these goals. When making subject choices in Grade 9, we should always include subjects that interest us, that we do well in, that fit in with our values and personalities; but most importantly, we should choose subjects that assist us in keeping our options open as far as possible so that we do not unnecessarily limit ourselves when we reach Grade 12.

Some subjects that expand our choices for entry into study programmes at tertiary level include Mathematics, Physical Science and Life Sciences. Performance in the Language of Teaching and Learning is a big consideration and, at Wits, this is English; whether it is done as a Home Language or First Additional Language.



# Subject choice decisions?

## SELF AWARENESS

The first step in developing your career is to know yourself.

- What are my values?
- What am I good at?
- What type of personality do I have?
- What are my interests?
- What do I want to be?



## CHOOSE THE RIGHT SUBJECTS

in order to have a range of career opportunities.

### DON'T FORGET TO:

1. Explore different career options
2. Research global industry trends in order to predict possible career paths
3. Job shadow: observe employees performing their daily routines in their environment.

## Different types of school leaving qualifications.



### Wits University considers the following school leaving qualifications for admission:

- The National Senior Certificate (NSC): Independent Examinations Board (IEB), South African Comprehensive Assessment Institute (SACAI)
- Foreign School-Leaving Qualifications (International Baccalaureate, Cambridge International Examinations etc.)
- The National Certificate (Vocational) (NCV)

## What are the different types of \*matric passes?



### Higher certificate pass requirements

- Must obtain at least 40% for your Home Language (compulsory)
- Must obtain at least 40% for **two** other subjects
- Must obtain at least 30% for **four** other subjects
- Must pass at least 6 out of 7 subjects

### Diploma pass requirements

- Must obtain at least 40% for your Home Language (compulsory)
- Must obtain at least 40% for **three** other subjects excluding Life Orientation
- Must obtain at least 30% for the Language of Learning and Teaching (LOLT) of the tertiary (Higher Education) institution
- Must pass at least 6 out of 7 subjects

With this pass, you can apply to study for a diploma at a TVET college or University of Technology.

\*Disclaimer: As per Department of Education requirements

# Minimum admission requirements

## Bachelor's Degree pass requirements

- Must obtain at least 40% for your Home Language (compulsory)
- Must obtain at least 50% for **four** other subjects excluding Life Orientation
- Must obtain at least 30% for Language of Learning and Teaching (LOLT) of the tertiary (Higher Education) institution
- Must obtain at least 30% for **one** other subject
- Must pass at least 6 out of 7 subjects

With a Bachelor's pass, you can apply to study towards a degree at a University, University of Technology, TVET college or any accredited Higher Learning Institution.

These are Department of Education requirements. Please refer to the Wits requirements for Admission Points Scores and Compulsory Subjects.

What are the different types of educational institutions?

## There are different types of educational institutions:

- Technical and Vocational Education and Training colleges offering vocational (practical and skills based) certificates
  - Universities of Technology offering certificates, diplomas and BTech degrees
  - Universities offering undergraduate and postgraduate degrees
  - Private institutions (please ensure the qualification and institution are \*accredited and registered)
- \*The South African Qualifications Authority (SAQA) validates private colleges, universities and other institutions of higher learning that offer approved qualifications.*



## National Senior Certificate

National Senior Certificate (NSC) Admission Points Score (APS)	
NSC Scale of Achievement	NSC %
7	80 - 99
6	70 - 79
5	60 - 69
4	50 - 59
3	40 - 49
2	30 - 39
1	0 - 29

Wits' APS			
	Mathematics and English	Life Orientation	Other subjects
90 - 100	$8 + 2 = 10$	4	8
80 - 89	$7 + 2 = 9$	3	7
70 - 79	$6 + 2 = 8$	2	6
60 - 69	$5 + 2 = 7$	1	5
50 - 59	4	0	4
40 - 49	3	0	3
30 - 39	0	0	0
0 - 29	0	0	0

Calculate your points		
Note: Seven subjects are used in the calculation of APS		
Subject	%	Wits APS
1. English Home Language OR LOLT		
2. 1st Additional Language		
3. Mathematics/Mathematical Literacy		
4.		
5.		
6.		
7. Life Orientation		
TOTAL APS		

**NB:** Compliance with the minimum requirements does not guarantee a place at the University. The University has a specific number of places for first year undergraduates, approved by the Department of Higher Education and Training. Final selection is made subject to the availability of places, academic results and other entry requirements where applicable. Applicants require the following to be considered for entry into any of the five faculties:

- Bachelors Degree Pass
- National Senior Certificate (NSC), or Independent Examinations Board (IEB), or South African Comprehensive Assessment Institute (SACAI) subjects, and
- Certain levels of achievement as prescribed by the individual degree programmes.

### Admission Points Score (APS)

Wits tabulates the points score for all subjects on the following basis:

- Wits does not distinguish between designated vs. non-designated subjects when calculating the admission points score (APS)
- The APS calculation is based on the best seven subjects including Life Orientation.

(Advanced Programme subjects are also included in the APS calculation)

- Faculty specific compulsory subjects must be included in the APS calculation.
- Applicants completing Technical Mathematics and/or Technical Science may contact the Student Enrolment Centre for further advice.
- All applicants to the Faculty of Health Sciences as well as applicants to the Bachelor of Audiology, Bachelor of Speech-Language Pathology and Bachelor Of Social Work are required to write the National Benchmark Test (NBT) before being considered for admission.



## Calculate your points



FACULTY	FACULTY SPECIFIC COMPULSORY SUBJECTS
Humanities	• English
Commerce, Law & Management	• English • Mathematics
Engineering & the Built Environment	• English • Mathematics • Physical Science <i>(not required for the Built Environment)</i>
Health Sciences	• English • Mathematics • Physical Science and/or Life Science <i>(except for Dentistry which requires both)</i>
Science	• English • Mathematics <i>(Physical Science is compulsory for specific Science degrees)</i>

## Programme APS Requirements

Faculty of Commerce, Law and Management					
Programme	Years	APS	English Home Language <b>OR</b> First Additional Language	Mathematics	Maths Literacy
Bachelor of Commerce (BCom): General Accounting Information Systems Politics, Philosophy and Economics	3	39+	5	5	
Accounting Science	3	42+	5	6	
Economic Science	3	42+	5	6	
Bachelor of Commerce with Law	3	43+	5	5	
LLB (two-year stream)	2				
LLB (three-year stream)	3				
LLB (four-year stream)	4	43+	6	5	6



## Faculty of Health Sciences

Programme	Years	Selection	English Home Language OR First Additional Language	Mathematics	Maths Literacy	Life Sciences AND/OR Physical Sciences
Bachelor of Health Sciences (BHSc) Biomedical Biokinetics Health Systems Sciences	3	All applicants are required to write the NBT by 15 August 2020 <a href="http://www.nbt.ac.za">www.nbt.ac.za</a>	5	5		5
Clinical Medical Practice	3		4	4	7	4
Bachelor of Medicine and Bachelor of Surgery	6		5	5		5
Dental Science*	5		5	5		Life Sciences AND Physical Science 5
Oral Health Sciences*	3		4	Mathematics 4 OR Maths Literacy 7		4
Nursing* (*subject to change)	4		4	4		4
Pharmacy	4		5	5		5
Occupational Therapy**	4		4	4		4
Physiotherapy**	4		5	5		5

## Faculty of Humanities

Programme	Years	APS	English Home Language OR First Additional Language	Mathematics	Maths Literacy
Bachelor of Arts (BA)	3	34+	5		
BA (Law)	3	43+	5		Mathematics 3 OR Maths Literacy 4
BA in: Digital Arts Dramatic Art Film and Television Fine Arts Bachelor of Music	4	34+	5		Additional Requirements: Audition, Portfolio or Written Assignment
Bachelor of Education (Bed): Foundation Phase Teaching	4	36+	5		Mathematics 3 OR Maths Literacy 4
Bachelor of Education (Bed): Senior Phase & Further Education and Training Teaching	4	36+	5		Intermediate Phase Teaching
Speech-Language Pathology*	4	34+	5	4	
Audiology*	4	34+	5	4	
Social Work*	4	34+	5		

## Faculty of Science

Programme	Years	APS	English Home Language OR First Additional Language	Mathematics	Physical Science
Bachelor of Science (General) (BSc)	3	40+	5	5	
BSc in the field of: Biological Sciences Geographical and Archaeological Studies Geospatial Sciences	3	40+	5	5	
Geological Sciences Physical Sciences	3	40+	5	6	5
Astronomy and Astrophysics Chemistry with Chemical Engineering	3	43+	5	6	6
Actuarial Science	3	40+	7	7	7
Mathematical Science	3	40+	7	7	6
Computer Science	3	40+	5	6	
Mathematics of Finance	3	42+	5	6	
Materials Science	3	43+	5	6	5

## Faculty of Engineering and the Built Environment

Programme	Years	APS	English Home Language OR First Additional Language	Mathematics	Physical Science
Bachelor of Science in Engineering (BScEng) in: Aeronautical Engineering Chemical Engineering Civil Engineering Electrical Engineering Industrial Engineering Mechanical Engineering Metallurgy and Materials Engineering Mining Engineering	4	42+	5	5	5
Bachelor of Engineering Science in Biomedical Engineering	3	42+	5	5	5
Bachelor of Engineering Science in Digital Arts	3	42+	5	5	5
Architectural Studies	3	34+	4	4	
Urban and Regional Planning	3	36+	5	5	
Construction Studies	3	36+	5	5	
Property Studies* (*subject to change)	4	36+	5	5	

Please note that certain levels of achievement are required for faculty-specific compulsory subjects.

Refer to [www.wits.ac.za](http://www.wits.ac.za) for programme specific requirements.

**What if I can't decide?**

If you have not yet decided on a course of study or your future career, try our interactive career planner ([www.gostudy.net/wits](http://www.gostudy.net/wits)), or consider making an appointment with the Wits Counselling and Careers Development Unit (CCDU). The CCDU offers a subject choice assessment for Grade 9 learners. In addition, career assessments are also done for Grade 11 & 12 learners and adults considering mid-career changes.

Disclaimer: Please note that entry requirements are subject to change. Learners and parents are strongly advised to regularly check each tertiary institution's entrance requirements.

[www.wits.ac.za/ccdu](http://www.wits.ac.za/ccdu)  
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