



UNDERGRADUATE APPLICATION AND ADMISSION REQUIREMENTS

Sefako Makgatho Health Sciences University (SMU) offers students opportunities to undergo training in the health sciences. Selection is competitive and is based on academic performance. The university ensures that selected students have the ability/potential to complete their studies in the requisite minimum time. SMU also prioritise transformation and endeavours to attract talented students from all demographic groupings in South Africa and a few from Southern African Development Community (SADC).

The University reserves the right **not** to offer a particular module or course where the prescribed minimum number of students has not registered for the module or course and/or programme or qualification in question.

The General Rules and admission requirements of the University are as approved by the University Council. However, these rules and admission requirements are subject to amendments approved after the date of publication.

ADMISSION REQUIREMENTS FOR BACHELOR'S DEGREES

SCHOOL OF MEDICINE

1.1 Bachelor of Medicine and Bachelor of Surgery (MBChB)

Sefako Makgatho Health Sciences University (SMU) offers opportunities to South African (SA) and Southern African Development Community nationals (only Lesotho and Swaziland citizens) to undergo training in medicine, radiography and emergency care (EMC). Naturalized SADC nationals and permanent residents regardless of origin are also considered. All applicants undergo a rigorous selection process.

SMU, in keeping up with international standards, bases selection on academic measurable variables and ensures that selected students have the ability/ potential to successfully complete their studies in the requisite minimum time. SMU endeavours to attract talented students from all demographic groupings in South Africa whilst prioritizing transformation. In this regard a quota system based on a principle that promotes equitable chances and fairness to students from all population groups (Indigenous Africans (Black) – 80.2%; Coloureds – 8.8%; Whites – 8.5%; Indians/Asians – 2.5%) is applied in all selection processes excluding the special foundation medicine program that is reserved for indigenous

South Africans (Blacks) from Quintile 1 and 2 schools. The above quota system is based on the census demography of the SA population and will apply from one census to the other. The selection process is done in phases. The decisions of the School Admissions and Selection Committee are final.

1.1.1 MBChB Phase I: Pre - selection

Students are offered a provisional place based on their final Grade 11 results. Pre-selected Grade 11 students are expected to have attained an admission point score (APS) of at least 38. In addition, students are pre-selected based on their performance in the following four subjects: English, Life Sciences, Physical Science and Mathematics and Life Orientation, refer to Table 1.

However, being pre-selected does not guarantee a place as the Grade 12 results are used to decide on final admissions. Admissions are on a competitive basis for available spaces.

A pre - selection offer will be withdrawn if either the applicant's performance in Grade 12 in any of the four abovementioned subjects and/or total APS score drops below their performance in the Grade 11 results or is maintained but happens to be below that of other applicants. The application of such a student is then returned to the general pool of applicants in which applicants are considered on the basis of their Grade 12 performance using the four subjects previously listed.

Firm offers will be made (during the pre-selection phase) to the five top/best students who applied with final Grade 12 results achieved in the year just before the pre-selection year and also met all the admission requirements.

Table 1: Minimum requirements for pre-selection into MBChB Program

| Subjects | Minimum APS Points | SMU Admission Score for preselection |
|----------------------|--------------------|--------------------------------------|
| English | 6 | 6 |
| Mathematics | 6 | 6 |
| Physical Science | 6 | 6 |
| Life Sciences | 6 | 6 |
| Additional subject 1 | 5 | |
| Additional subject 2 | 4 | |
| Life Orientation | 5 | 5 |
| Total | 38 points | 29 points |

Table 2: Admission Point Score (APS) Equivalency Conversion Table

| APS Points | NSC marks % | IGCSE symbols | GCSE symbols | HIGCSE symbols | AS – Level grade | A – Level grade | IBHL symbols | IBSL symbols | APS points |
|------------|-------------|---------------|--------------|----------------|------------------|-----------------|--------------|--------------|------------|
| 12 | | | | | | A | | | |
| 11 | | | | | | B | | | |

| | | | | | | | | | |
|----|---------|---|---|---|---|---|---|---|----|
| 10 | | | | | | | | | 10 |
| 9 | | | | | | C | | | 9 |
| 8 | | | | 1 | A | | 7 | | 8 |
| 7 | 80-100% | | | 2 | B | D | 6 | | 7 |
| 6 | 70-79% | A | | 3 | C | E | 5 | 7 | 6 |
| 5 | 60-69% | B | 7 | 4 | D | | 4 | 6 | 5 |
| 4 | 50-59% | C | 6 | | E | | | 5 | 4 |
| 3 | 40-49% | D | 5 | | | | | 4 | 3 |
| 2 | 30-39% | E | 4 | | | | | | 2 |
| 1 | 0-29% | F | 3 | | | | | | 1 |

- APS - Admission Point Score
- NSC – National School Certificate
- IGCSE - International General Certificate of Secondary Education
- GCSE – General Certificate of Secondary Education
- HIGCSE - Higher International General Certificate of Secondary Education
- AS level - Advanced Subsidiary Level
- A Level – Advanced Level. An A-level represents a year’s extra study beyond AS level
- IB HL – International Baccalaureate (Higher levels)
- IB SL - International Baccalaureate Schools (Standard levels)

1.1.2 MBCHB Phase 2: Final Selection of Grade 12 Applicants and other applicants with equivalent qualifications

The second phase of selection is done soon after the Grade 12 results have been released. Pre-selected students who either maintained or improved their Grade 11 SMU pre - selection scores, may be given firm offers. However, this will depend on the number of available spaces. Those whose scores fall below the level at which they received a pre-selection offer or those who now score lower in comparison with others are then included in the general pool of applicants for consideration.

In order for students to be selected from the main data pool they should comply with the following admission requirements:

- Must achieve a minimum APS score of 38 as described above in Table 1
- Compete on the basis of the five subjects including Life Orientation (Table 1) in the pre-selection criteria. Students will be selected by order of merit using their actual percentage marks in the following subjects: Mathematics, Physical Science, Life Science, Life Orientation and English Language. Selection will be in accordance to the demographic quotas described above using current census data.
- A relevant matriculation or examination results that qualifies enrolment into a degree program (for SADC nationals mainly Lesotho and Swaziland, with an APS to be determined by the enrolment committee on basis of Table 2). The applicants must include a matric exemption certificate issued by South African Qualification Authority (SAQA).

A total of 245 spaces offered during the second phase of selection are distributed as shown in Table 3 in addition to 5 firm offers confirmed during Phase I.

Table 3: Distribution of firm MBChB I spaces confirmed during the 2nd Phase of Selection

| Category of prospective Students | Number of allocated spaces |
|--|----------------------------|
| Matric (NSC) holders (FTENs) | 145 |
| Matric (results available by November of previous year) | 5 |
| SADC students (Lesotho & Swaziland) | 5 |
| SMU graduates | 30 |
| Relevant Sciences and Health Sciences Degree holders from other universities | 5 |
| South African National Defence Force cadets | 5 |
| SMU full BSc I; BDS I and BSc ECP II course holders | 5 |
| MBChB – ECP II | 50 |
| Total | 250 |

Note:

1. Due to the limited number of places available and the competitive nature of the degree program attainment of the minimum requirements stated in Table 1 does not guarantee admission.
2. All first time entering applicants who have performed well and attained high SMU Admission Scores (Table 1), but were not selected among the top 145, are placed on a waiting list. They will be considered on merit should any of those selected applicants decline the offer.

1.1.3 Criteria for selection of applicants with completed 1st year BSc I degree courses or equivalent (into MBChB I only) (SMU full BSc I; BDS I and BSc ECP II course holders)

Five top students with completed 1st year BSc or equivalent courses at SMU will after application be afforded an opportunity to enroll into MBChB I. The combined average percentage of all modules will be used to determine the best five students. In case of BSc - ECP II applicants, the average scores of modules done in both years (Year 1 and 2) will be considered. Only applicants who obtain a minimum of three distinctions and an overall average of 75% and above for the year will be considered. However, the requirements might be higher as only five (5) spaces are available and selection will be on a competitive basis.

* Equivalent degrees are BDS I and BSc – ECP II completed at SMU

1.1.4 Criteria for Selection of applicants with completed degrees (into MBChB I only as this may change in later years when admission into 2nd year may be contemplated,)

Applicants with completed Natural Science or relevant Health Sciences degree(s) will be selected to fill the allocated quotas referred to in Table 3 above. A scoring system presented in Table 4 will be applied to select the best qualifying students. The resultant score will be used in descending order to select qualifying applicants from this pool. The process of the calculation of points will be as follows:

Table 4: Scoring system for candidates with completed 1st degrees

| Percentage mark achieved in a module | Points |
|--|--------|
| ≥ 75% | 24 |
| 70 – 74% | 16 |
| 65 – 69 | 12 |
| 60 – 64 | 8 |
| 55 – 59 | 4 |
| 50 – 54 | 0 |
| Fail | 0 |
| A subject passed after a supplementary examination | 0 |

Note:

- In the case of a student having two degrees at the same level, the best of the two degrees will be used for scoring
- Students with relevant degrees that have exceeded a prescribed shelf life of three years will be required to re-do all the MBChB I modules without any exemption.
- A student who did modules equivalent to MBChB I modules previously within the prescribed shelf life above may be exempted. However, provisional exemption will be offered if the scope of the covered module is deemed not equivalent to the year I module at SMU. Such a student will therefore need to achieve a year mark of 60% in the module in order to be exempted from the standard/summative examination.

Additional points are awarded to applicants with post graduate degrees based on the scoring system presented in Table 5.

Table 5: Additional points awarded to applicants with post graduate and professional degree

| Post graduate Degree or Professional Degree | Points |
|---|--------|
| Honours degree completed in minimum time | 2 |
| Additional point for Honours degree achieved with distinction | 1 |
| A four year professional degree in Natural sciences or Health Care Sciences | 2 |
| A three year Health Sciences related degree completed in minimum period | 1 |
| Additional point for four year professional degree in Natural sciences/ Health Care Sciences with distinction | 1 |
| Master's degree | 3 |
| Additional point for Master's degree achieved with distinction | 1 |
| Doctoral degree | 5 |

1.1.5 Phase 3: Selection into Medicine Foundation Program (MBChB-Extended Curriculum Program I)

Phase 3 selection is done after the selection and admission into the mainstream MBChB I class is completed. Fifty spaces are available for MBChB-ECP I program. Non-quantifiable measurable

variables that include social background (schooling i.e. quintile 1 and 2 schools) form the core policy of selection. The MBChB-ECPI program targets talented students from quintile 1 and 2 schools who attain good passes but were unable to obtain admission into the mainstream MBChB I due to the competitive nature for available spaces.

MBChB-ECP I program is aimed at preparing talented students from quintile 1 and 2 schools for success as most come from schools that have limited budgets and resources to fulfil the core mathematics, life sciences and physical science curriculum objectives. The 1 year foundation program focuses on developing the students' knowledge and skills in the following six foundation modules:

- Medical Foundation Biophysics and Numeracy
- Medical Foundation Biology
- Medical Foundation Biochemistry
- Medical Foundation English for Medicine.
- Medical Foundation Introduction to the Human Body (Anatomy and Physiology)
- Medical Foundation Study Skills and Information Management.

Eligibility for selection into MBChB – ECP I

This program is only available to Indigenous South African (Black) students from quintiles 1 and 2 schools only who have not previously been engaged in tertiary education and have not been able to get admission into the six year SMU medicine degree program. Applications that do not meet the below criteria will be **declined**. The minimum academic requirements for consideration into MBChB –ECP I are presented in Table 6 below.

Table 6: Minimum requirements for selection into MBChB-ECP I

| Subject | Minimum APS Points |
|----------------------|--------------------|
| Physical Science | 5 |
| Life Sciences | 5 |
| Mathematics | 5 |
| English Language | 5 |
| Life Orientation | 4 |
| Additional Subject 1 | 4 |
| Additional Subject 2 | 4 |
| Total | 32 |

A student may be selected for the MBChB-ECP programme with a score of 4 in English provided that the overall APS points remain competitive.

Duration of MBChB – ECP I program: 1 year

The student must pass all the six foundation modules with a minimum of 50% in order to progress into mainstream MBChB I. A student who fails any of the six foundation modules is not allowed to repeat. There is no credit offered to such student.

1.2 Bachelor of Radiography in Diagnostic (B RAD)

Pre-selection of prospective students is a phased process and is completed by the end of November, in the year preceding admission. Provisional admission is based on Grade 11 final results for candidates in matric. Performance expressed as AP-score must be no less than 25 and for the four subjects below, expressed as combined (CMB) score of 19, must be maintained or improved in the matric examination to secure a place (see table 6 below). The main/final selection is based on the performance in the following four subjects, each with a minimum of 4:

- English
- Mathematics
- Physical Science
- Life Sciences

In case the students' performance in these subjects drops below that for/in the grade 11 results, the student will lose the space in the pre-selected group and will join the general pool of applicants, where the grade 12 results will be the final determinant for the selection

Table 7: Admission Point Score for B Rad

| Subjects | Proposed APS Minimum points | SMU Admission Score for Preselection |
|----------------------|-----------------------------|--------------------------------------|
| English | 4 | 4 |
| Mathematics | 4 | 4 |
| Physical Science | 4 | 4 |
| Life Science | 4 | 4 |
| Additional subject 1 | 3 | |
| Additional Subject 2 | 3 | |
| Life orientation | 3 | 3 |
| Total | 25 Points | 19 Points |

Other qualifying criteria

- In addition to the above, applicants from SADC (mainly Lesotho, Swaziland and Namibia), as well as SANDF, have reserved 2 spaces (5%), as per university agreement with the relevant authorities. Despite this, candidates must still fulfill /meet the criteria for admission into the program compatible with those admitted. In cases where spaces in these categories are not filled, the spaces will be transferred to South African black candidates.
- Students transferring from any SMU program, completed or incomplete, as well as graduates from other recognized institutions have 2 spaces (5%) reserved. These students must obtain an average of 65% in their last summative assessment and have an overall score of no less than 8 for all their credit bearing courses. (See Table 4 for score allocation on academic transcript and Table 5 for additional points awarded)
- Students with incomplete qualification must have passed all their summative modules in the final assessments to be considered. In addition, students who were previously excluded for whatever reason, will not be considered without proof of satisfactory performance guarantee

A total of 40 students can be admitted into the program per academic year. Given the limited spaces,

selection and admission into the program is highly competitive and based on merit and availability of space. Importantly, meeting the minimum criteria does not guarantee selection and admission into the program

In order to fulfil the national requirement of improving access, the following demographical data is considered during the entire selection and admission process.

Table 8: Demographics

| RACE | PERCENTAGE |
|----------------|------------|
| Black | 80.7% |
| Indians/Asians | 2.6% |
| Whites | 7.9% |
| Colored | 8.8% |

2. SCHOOL OF HEALTH CARE SCIENCES

SHC B1 The BCur (007) and BNSA01 Programme

Selection and Admission Requirements

For practical reasons a limited number of applicants can be admitted to the degree programme. A Selection Committee therefore selects students on merit.

An applicant for the **B Cur/BNSA01** programme must have

- a National Senior Certificate endorsed for bachelor's degree study (or equivalent school leaving certificate with full Exemption certificate.
- an APS of at least 26.
- passed in the following subjects at the following, or better levels of achievement.

| Subject | Points |
|---|-----------|
| Life Sciences | 4 |
| Mathematics | 4 |
| Physical Sciences | 4 |
| Language of Learning/English | 4 |
| Additional subject 1 History/Agriculture/Geography | 3 |
| Additional subject 2 Consumer studies/Information Technology | 3 |
| Life orientation | 3 |
| TOTAL POINTS | 26 |

SHC B3 BACHELOR OF OCCUPATIONAL THERAPY DEGREE PROGRAMME BOTA01

Selection and Admission Requirements

- Students are selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.
- Students with a Bachelor's Health Sciences degree or a BSc qualification will be considered for selecting if they meet the minimum requirements.
- Sefako Makgatho Health Sciences students who are changing from other degree programmes will be selected on their academic performance.
- Students with foreign qualifications must submit their documentation to SAQA for valuation. Certificates of equivalence must be submitted to the University with their application.

National Senior Certificate (NSC) Applicants:

Applicants require the following **minimum** Admission Point Score (APS)

| Subject | Points |
|------------------------------|---------------|
| Life Sciences | 4 |
| Mathematics | 4 |
| Physical Sciences | 4 |
| Language of Learning/English | 4 |
| Life orientation | 3 |
| 2 Additional Subjects | 3 each |
| TOTAL POINTS | 25 |

In addition to the University Rules relating to selection and admission, English must be at a minimum of 4 and Life Orientation at a minimum of 3.

SHC B4BSc (Dietetics) DEGREE PROGRAMME BDIA01 /004 – Old Curriculum BSc (Dietetics)

Selection and Admission Requirements

- (i) For practical reasons a limited number of applicants may be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.
- (ii) Students who have been refused re-registration at any other University shall not be admitted to this programme.
- (iii) Students who have been excluded from other courses or programmes at Sefako Makgatho Health Sciences University are not eligible.

SHC B4.1.2 Admission

Applicants must have the following minimum Admission Point Scores (APS)

| Subject | APS |
|---|------------|
| Mathematics | 4 |
| Physical Science | 4 |
| Language of learning & teaching (English) | 4 |
| Life Sciences | 4 |
| Life orientation | 3 |
| Additional subject 1 | 3 |
| Additional subject 2 | 3 |
| TOTAL | 25 |

In addition to the University Rules relating to selection and admission, English must be at a minimum of 4 and Life Orientation at a minimum of 3.

SHCB5 BSc (Physiotherapy) DEGREE PROGRAMME BPT01

Selection and Admission Requirements

- (i) For practical reasons, a limited number of applicants will be admitted to the degree programme. Students are selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.
- (ii) Applicants who chose physiotherapy as a first choice will be given preference for selection.

Applicants must

- (a) have a National Senior Certificate (NSC) endorsed for bachelor's degree study with the following minimum Admission Point Score (APS) a minimum of a 4 for English and a 4 for Life Orientation

| Subject | Score |
|----------------|--------------|
|----------------|--------------|

| | |
|----------------------|------------------|
| Life Sciences | 4 |
| Mathematics | 4 |
| Physical Science | 4 |
| Language of Learning | 4 |
| Life Orientation | 4 |
| Additional Subject 1 | 4 |
| Additional Subject 2 | 4 |
| Total Score | 28 points |
| | 29 |

Bachelor of Speech-Language Pathology and Audiology (BSLPA degree programme)

Selection and Admission Requirements

For practical reasons, only a limited number of applicants shall be admitted to the degree programme. Students are selected on merit by a SHCS selection Committee

The General Rules apply. A candidate must comply with the conditions and meet the selection criteria as determined by the Department. The following minimum selection criteria will be followed:

National Senior Certificate (NSC) applicants

Applicants require the following minimum Admission Point Score (APS):

| SUBJECTS | APS |
|--|------------|
| Compulsory Subjects | |
| Mathematics | 4 |
| English | 4 |
| Life Sciences | 4 |
| Any language at home or first additional level | 4 |
| Life Orientation | 3 |
| 2 Additional Subject | 3 each |
| TOTAL | 25 |

SCHOOL OF PHARMACY

SOP B 1 B PHARM PROGRAMME (BPRA01)

Selection and Admission Requirements

SOP 1.1.1 National Senior Certificate Applicants

National Senior Certificate (NSC) applicants require the following minimum Admission Point Score (APS) as indicated in Table 1.

The APS for the candidate will be calculated by using the APS grade in Table 2. The candidates will be ranked according their APS.

Table 1 Minimum APS score

| Subject | Grade |
|---------------|-------|
| Life Sciences | 5 |

| | |
|--|----------|
| Mathematics | 5 |
| Physical Sciences | 5 |
| English | 5 |
| Life Orientation | 4 |
| Two additional subjects: preferably Accounting & Economics | 4 (each) |
| Total points required (minimum) | 32 |

Table 2. APS points per percentage

| APS % | APS Points |
|-----------|------------|
| 90 – 100% | 8 |
| 80 – 89% | 7 |
| 70 – 79% | 6 |
| 60 – 69% | 5 |
| 50 – 59% | 4 |

SOP B1.1.2 Applicants who left school prior to 2008 (prior to National Senior Certificate)

- (i) Candidates who are in possession of a Matriculation Certificate of the Matriculation Board OR Certificate of Exemption from the Matriculation Examination granted by the Matriculation Board/HESA (Higher Education South Africa, now called USAf (Universities South Africa) with University Exemption must have passed Mathematics and at least two of the following subjects in higher grade (with a minimum symbol D) at matric level: English, Biology, Physiology or Physical Science (Table 3).
- (ii) Candidates with Mathematics in the standard grade level who have achieved an A or B rating may be considered.

Table 3

| Symbol | Higher Grade (HG) | Standard Grade (SG) | % |
|--------|-------------------|---------------------|-------|
| A | 8 | 6 | 80% + |
| B | 7 | 5 | 70-79 |
| C | 6 | | 60-69 |
| D | 5 | | 50-59 |

SOP B 1.1.3 Non-South African should obtain the following:

- (I) A-Levels in the following subjects: mathematics, physical science, biology and English
- (II) A Matriculation exemption certificate from the South African Matriculation Board/ Universities South Africa (USAf).

SOP B 1.1.4 Mature Age applicants

Applicants without university exemption who have completed appropriate training within the requirements of the National Qualifications Framework will be considered (e.g. formally trained Post Basic pharmacist assistants, pharmacy technicians) provided that they are in possession of a matriculation certificate with the following subjects: Mathematics, Life Sciences, Physical Sciences and English with a minimum APS level of 4 per subject.

SOP B 1.1.5 Graduates

- (i) Graduates with Health Sciences/BSc degrees will be considered only for enrolment into First Year. Graduates with degrees will be given preference over those with diplomas due to the higher National Qualifications Framework (NQF) ranking for a degree
- (ii) Marks obtained during the degree will be scored according to Table 4

below: Table 4

| Percentage obtained | POINTS |
|---------------------|--------|
| ≥75 | 24 |
| 70-74 | 16 |

- Points are allocated according to the above table to all courses. The points will be summed and divided by the number of courses.
- Candidates with a total of 12 points qualify for selection process.
- Selection is on a competitive basis and a student's average should be 65% in the final year.
- The time to complete the degree is also taken into account. A three or four year Health Sciences/BSc completed in the minimum time: two additional credits (+2)
- Honours Degree: one additional credit if achieved in minimum time (+1).
- Master's Degree: one additional credit if achieved in minimum time (+1)

SOP B 1.1.6 Transfers from SMU and/or other universities

- Applicants with incomplete Health Sciences/BSc degrees will be considered only for enrollment into First Year. Preference will be given to applicants in the final year of their studies.
- Selection is on a competitive basis and a student's average mark should be 65% and above including Matric (Grade 12) results.
- Each application will be considered by the Selection Committee and ranked based on their academic outcomes
- Students with degrees or studying for degrees will be given preference over those with diplomas due to the higher NQF ranking for a degree.

SOP B 1.1.7 Selection Process

The B Pharm Selection Committee will screen all candidates who comply with the selection requirements. The candidates will be informed of the outcome of the selection process by the Office of the Registrar.

Successful applicants will be admitted into first year level

General information for registration with the South African Pharmacy Council

(SAPC): All students admitted to the first year of study must register with the SAPC before 31 March of the relevant year. Please contact the School of Pharmacy for further information.

SCHOOL OF SCIENCE AND TECHNOLOGY

Bachelor of Science (*Extended Curriculum Programme*)

The School offers the following ***extended BSc degree curriculum programmes***

| COURSE CODE | PROGRAMME | MAJOR SUBJECTS* |
|--------------------|-----------------------|--|
| BSCK01 | Life Sciences | Biology, Chemistry, Biochemistry, Physiology |
| BSCL01 | Mathematical Sciences | Mathematics, Statistics, Computer Science, Physics |
| BSCM01 | Physical Sciences | Physics, Chemistry, Biochemistry, Mathematics |

* Any Two Majors in Final Year

Admission to BSc-ECP (*Extended Curriculum Programme*)

An applicant must have obtained

- (a) an NSC with a Bachelor endorsement;
(b) a minimum APS of 24

(c) the following minimum APS per subject:

| Subject | Score |
|--|-------|
| English | 4 |
| Mathematics | 4 |
| Life Science | 4 |
| Physical Science | 4 |
| <i>Any two other NSC subjects with a minimum NSC score of 4 each</i> | |

- SSTB1.2 Admission criteria other than the above shall comply with Rules as described for the **BSc Programme**.
- **SSTB 2** The curriculum for the **BSc-ECP Programme** shall extend over four years and be composed of a combination of modules that include two majors.
- **SSTB 3** The Dean may in exceptional circumstances and on the recommendation of the head of Department exempt a student who is repeating a module from the practical component of that module.

Bachelor of Science (normal)

The School offers the following **BSc curriculum programmes or streams**

| COURSE CODE | PROGRAMME | MAJOR SUBJECTS* |
|-------------|--|---|
| BSCG01 | Life Sciences | Biology, Chemistry, Biochemistry, Physiology |
| BSCH01 | Mathematical Sciences | Mathematics, Applied Mathematics, Statistics, Computer Science, Physics |
| BSCI01 | Physical Sciences | Physics, Chemistry, Biochemistry, Mathematics |
| BSCJ01 | Occupational & environmental health Sciences | Environmental & Occupational Psychology, Pathophysiology |
| | | * Any Two Majors in Final Year |

Admission to BSc Programme

An applicant must have obtained (a) an NSC with a Bachelor endorsement; (b) a minimum APS of **25** and (c) the following minimum APS per subject:

| Subject | Score |
|-------------|-------|
| English | 4 |
| Mathematics | 5 |

| | |
|---|---|
| Life Science | 4 |
| Physical Science | 4 |
| Any two other NSC subjects with a minimum NSC score of 4 each | |

A Senior Certificate with full University Exemption obtained prior to 2008 with a minimum APS (**A**dmission **P**oint **S**core) of **25** on the following scale:

| Senior Certificate Higher Grade | Senior Certificate Standard Grade | APS points |
|---------------------------------|-----------------------------------|------------|
| A | | 7 |
| B | A | 6 |
| C | B | 5 |
| D | C | 4 |
| E | D | 3 |
| F | E | 2 |
| G | F | 1 |

Having satisfied the admission requirements in SSTB9, and subject to the availability of space, a student must meet the following minimum APS in a relevant subject to be admitted into a stream of choice:

| BSc Stream | Course Code | Subject | Score |
|---|-------------|------------------|-------|
| Life sciences | BSCG01 | Life science | 5 |
| Mathematical Sciences | BSCH01 | Mathematics | 5 |
| Physical Sciences | BSCI01 | Physical Science | 5 |
| Occupational and Environmental Sciences | | Life Science | 5 |

SCHOOL OF ORAL HEALTH SCIENCES

1. ADMISSION TO THE SCHOOL OF ORAL HEALTH SCIENCES

Admission to the School of Oral Health Sciences is gained by competition

- (i) according to a predetermined rating system - comprehensive rating document for all Schools
- (ii) in proportion to population profile percentages
- (iii) first choices will primarily be considered
- (iv) second choices will secondarily be considered if space is available subsequent to the selection of first choice candidates

2. ADMISSION CRITERIA (REQUIRED SUBJECTS) FOR MATRICULANTS INTO BDS, BDT and BOH

A MATRICULANTS PRIOR TO 2008

- (i) **BDS 1:** A matriculation exemption certificate with at least four of the following subjects Mathematics, Physical Science, English, Biology or Physiology or Zoology or Botany with a minimum symbol in Mathematics and Physical Science on HG as E and on SG as C

BDT 1 and BOH 1: A matriculation exemption certificate with at least four of the following subjects Mathematics, Physical Science, English, Biology or Physiology or Zoology or Botany with a minimum symbol in Mathematics, Physical Science and Biology on HG as E and on SG as C

- (ii) To differentiate between applicants with equal MR ratings, priority will be given to those students with ratings obtained for mathematics, physical science, English, and biology/zoology/botany, in that order
- (iii) Selection is based on equal opportunity within each population group as formerly defined (ie. Black, Coloured, Indian, White) according to the demographic profile of the country as determined by the latest census figures. The total number of students in a class to reflect the demographic profile.

B MATRICULANTS FROM 2008

- (i) **BDS 1/B Dent Ther 1/ B Oral Hyg 1:** A National Senior certificate with the following subjects
- Life Sciences
 - Mathematics
 - Physical Sciences
 - Language of learning and teaching
 - Life orientation
 - 2 Additional subjects
- (ii) Selection is based on equal opportunity within each population group as formerly defined (ie. Black, Coloured, Indian, White) according to the demographic profile of the country as determined by the latest census figures. The total number of students in a class to reflect the demographic profile

3. CREDITS (RATINGS)

A. MATRICULANTS PRIOR TO 2008

(i) Matriculation Rating (MR)

A Matriculation Rating (MR) scale according to the following table will be used. This will be applied to the **two best scores** for the following subjects:

- Mathematics (HG = E; SG = C),
 - Physical Science (HG = E; SG = C),
 - English and
 - Biology or Physiology or Zoology or Botany
- | <u>Symbol</u> | <u>Higher grade</u> | <u>Standard grade</u> |
|---------------|---------------------|-----------------------|
| A | 8 | 6 |

| | | |
|---|---|---|
| B | 7 | 5 |
| C | 6 | 4 |
| D | 5 | - |
| E | 4 | - |

(ii) **Cut off point (MR Rating) for consideration of admission**

The following cut-off MR rating will be used as guideline for cut-off for admission into:

- BDS I - 12 or higher
- B Dent Ther I - 10 or higher
- B Oral Hyg I - 10 or higher

B. MATRICULANTS FROM 2008

(i) **BDS 1:** At least a minimum rating as follows –

- Life Sciences 5 (60-69)
- Mathematics 5 (60-69)
- Physical Science 5 (60-69)
- Language of learning and teaching 5 (60-69)
- Life orientation 3 (40-49)
- Additional subject 4 (50-59)
- Additional subject 4 (50-59)

A Matriculation Rating (MR) scale is calculated according to the combination of the following four subjects divided by 2:

- Mathematics
- Physical Science
- English and
- Life Sciences

(ii) **B Dent Ther 1 and B Oral Hyg 1:** At least a minimum rating as follows–

- Life Sciences 4 (50-59)
- Mathematics 4 (50-59)
- Physical Science 4 (50-59)
- Language of learning and teaching 4 (50-59)
- Life orientation 3 (40-49)
- Additional subject 3 (40-49)
- Additional subject 3 (40-49)

A Matriculation Rating (MR) scale is calculated according to the combination of the following four subjects divided by 2:

- Mathematics
- Physical Science
- English and
- Life Sciences

A APPLICANTS WITH INCOMPLETE QUALIFICATIONS

- (i) SMU students who passed the **first year at the first attempt** and **wish to change to BDS** will obtain an additional credit of one point added to MR rating for each distinction obtained in their **first academic year** for:
- a full year module
 - average of 75% and above for combination of semester modules
- (ii) Incomplete degree from SMU who has passed, at the first attempt, all the subjects of the programme **followed with at least two distinctions**. (The academic record to be the determining factor of the academic competence of a candidate)
- +1

B APPLICANTS WITH QUALIFICATIONS

- (i) Admission for qualified SMU (Medunsa/UL) dental therapist/oral hygienist into BDS 1 (New curriculum):
- a) A limited number of spaces is secured for dental therapists or oral hygienist qualified from SMU. Number of spaces to be determined by the selection committee:
- an average of 60% attained in each assessment / evaluation during the **final year**
 - a final mark ranking within the top 5 of each course
- (ii) Application from all other graduate and diploma candidates who completed their qualification in the minimum time without failing any module during their academic study period, with the exception of failing a language module during (eg. Zulu, Sepedi, Xhosa) during the academic programme
- a) The matriculation rating (MR) applies (divided in half), to which is added to any additional credits obtained. Students will then be selected according to the final credit rating
- b) A student who has completed a degree/diploma in any of the **relevant oral health sciences** such as B Dent Ther, B Oral Hyg, B Tech, UDOH and Diploma in Dental Technology qualifies for the following credits:
- i) If the three/four year degree was completed in -
- the minimum time: +3
 - one year more than the minimum time: +2
 - two years more than the minimum time: +1
- ii) If the two/three year diploma was completed in -
- the minimum time: +2
 - one year more than the minimum time: +1
- c) A student who has completed a degree in any of the **Applied Health Sciences** such as BSc, B Cur, BSc (Physiotherapy), B Rad, B Occ Ther and BSc (Diet) qualifies for the following credits:
- If the degree was completed in the minimum time: +2
 - If the degree was completed in one year more than the minimum time: +1
 - the minimum time: +1
- d) A University of Technology / University qualified dental assistant will obtain 1 credit added to MR rating + 1
- e) Other degrees (BA, B Com, etc) will be credited as under c) above
- f) For a Honours degree +1

- g) *For a Master's degree +2
- h) *For a PhD degree +4

***Note:** Rating for postgraduate degrees is accumulative and every degree obtained will be credited and not only the highest degree

5. ALLOCATION OF AVAILABLE PLACES IN FIRST YEAR

5.1 Total number of places to be determined according to the personnel budget of the preceding year, to achieve appropriate staff: student ratios and the regulations determined by the HPCSA

- First time repeaters are given automatic places
- 1 space for a Foreigner from non-SADC countries per degree programme
- Distribution of space between the categories of applications to be determined by the Selections Committee

| Programme | Total number | Matriculants | With Qualifications/incomplete qualifications |
|------------------|---------------------|---------------------|--|
| BDS | 50 | 35 | 15 (including repeaters) |
| B Dent Ther | 25 | 18 | 7 (including repeaters) |
| B Oral Hygiene | 25 | 18 | 7 (including repeaters) |