

## Errata in the Health Sciences Undergraduate Handbook 2024 – Omission and corrections for various sections of the handbook:

Pages: Various

1. Anaesthesia: AAE6000W and AAE5000W
2. Medicine: MDN3001S
3. Special Study Modules: MDN2001F/S generic and related codes
4. Paediatrics: PED5005W and PED5006W
5. Updated Physiotherapy Prizes
6. Updated SSM handbook wording
7. Formulae For Undergraduate Degrees with Honours & Distinction
8. Leave of absence, impairment and fitness to practise healthcare

The entries should appear as follows:

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### **AAE5000W ANAESTHESIA PART II FOR EXTERNAL CREDIT**

*A student will be registered for one of the following equivalent courses, to be determined by the group that the student is allocated to: AAE5100X, AAE5200X, AAE5300X, AAE5400X, AAE5500X*

10 NQF credits at NQF level 8

**Convener:** Dr J Purcell-Jones

**Course entry requirements:** Successful completion of all courses within the preceding academic year.

**Objective:** The student will demonstrate knowledge of clinical anaesthesia; skills in the preoperative, intra-operative and postoperative care of patients necessary for safe anaesthetic practice; and professional behaviour appropriate to the pivotal role of the anaesthetist as a peri-operative physician.

**Course outline:** This is a course taken by South African students studying towards a Cuban medical degree. The course builds on the fundamental skills and knowledge acquired in AAE4003W and is a two-week course of practical clinical instruction aimed at solidifying clinical skills and decision-making necessary for the conduct of safe clinical anaesthesia and optimal perioperative patient care. Under direct supervision, students will be taught how to perform an anaesthetic preassessment, plan and administer anaesthesia and manage a patient postoperatively. Towards the end of the block, the student will be assessed on their ability to plan, perform and manage an anaesthetic. During the rotation, the student is expected to complete 13 online learning activities and prepare and discuss the management of two case presentations. An interactive anaesthesia teaching day will incorporate case-based discussions, simulations, quizzes and practical sessions to enhance the student's knowledge and skills. Core knowledge: Basic knowledge of anaesthesia techniques and equipment.

**DP requirements:** Completion and submission of two supervised and assessed clinical cases (practical skills assessment). Completion of 13 online learning activities with a mark of greater than 70% (repeated attempts allowed). Completion of two case discussions (to be prepared and presented to a supervising anaesthetist in theatre) (knowledge and clinical reasoning assessment). A complete attendance register.

**Assessment:** An end-of-block (EOB) exam including single best answer and extended matching questions. This must be passed with a minimum of 50% in order to pass the block. A mark of 48% or 49% for the EOB exam may qualify the student to be considered for a supplementary exam without needing to repeat the block. The EOB exam contributes 60% to the final anaesthesia mark. The marks for the two practical clinical assessments and the two case discussions contribute 40% to the final mark

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### **AE6000W ANAESTHESIA PART II**

*A student will be registered for one of the following equivalent courses, to be determined by the group that the student is allocated to: AAE6100X, AAE6200X, AAE6300X, AAE6400X, AAE6500X*

10 NQF credits at NQF level 8

**Convener:** Dr J Purcell-Jones

**Course entry requirements:** Successful completion of all courses within the preceding academic year.

**Objective:** The student will demonstrate knowledge of clinical anaesthesia; skills in the pre-operative, intra-operative and postoperative care of patients necessary for safe anaesthetic practice; and professional behaviour appropriate to the pivotal role of the anaesthetist as a peri-operative physician.

**Course outline:** Anaesthesia is formally taught during the fourth and sixth years of study. In the sixth year, a two-week course of practical clinical instruction is presented during the combined 4-week Anaesthesia and Forensic medicine rotation. Under direct supervision, students will be taught how to perform an anaesthetic preassessment, plan and administer anaesthesia and manage a patient postoperatively. Towards the end of the block, the student will be assessed on their ability to plan, perform and manage an anaesthetic. During the rotation, the student is expected to complete 13 online learning activities and prepare and discuss the management of two case presentations. An interactive anaesthesia teaching day will incorporate case-based discussions, simulations, quizzes and practical sessions to enhance the student's knowledge and skills. Core knowledge: Basic knowledge of anaesthesia techniques and equipment.

**DP requirements:** Completion and submission of two supervised and assessed clinical cases (practical skills assessment). Completion of 13 online learning activities with a mark of greater than 70% (repeated attempts allowed). Completion of two case discussions which are prepared and presented to a supervising anaesthetist in theatre (knowledge and clinical reasoning assessment). A complete attendance register.

**Assessment:** An end-of-block (EOB) exam including single best answer (SBA) and extended matching questions (EMQ). The EOB SBA and EMQ exam contributes 60% to the final anaesthesia mark. This must be passed with a minimum of 50% in order to pass the course. A mark of 48% or 49% for the EOB SBA and EMQ exam may qualify the student to be considered for a supplementary exam without needing to repeat the course. The marks for the two practical clinical assessments and the two case discussions contribute 40% to the final mark. This must be passed with a minimum of 50% in order to pass the block. A mark of 48% or 49% for the two practical clinical assessments and the two case discussions may qualify the student to be considered for a supplementary exam without needing to repeat the course. If a student attains a mark of 47% or less in either component, they fail and must repeat the course.

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**MDN3001S** INTRODUCTION TO CLINICAL PRACTICE

68 NQF credits at NQF level 7

**Convener:** Dr A Esmail

**Course entry requirements:** Successful completion of course HSE3000F

**Course outline:** This course is designed to allow students to consolidate and broaden the clinical skills, knowledge and behaviours acquired in the Becoming a Doctor courses and to apply the principles learnt in the Integrated Health Systems courses to clinical practice. Students start acquiring professional life skills and behaviours while in the wards. They rotate through five clinical blocks of three weeks each, covering the domains of adult health, women's health, mental health, perinatal health and clinical skill. Student's interview, examine and assess patients in hospitals and healthcare institutions. These clinical blocks are complemented by an online lecture and tutorial programme introducing the principles of ethics and therapeutics.

**DP requirements:** Attendance of clinical tutorials and activities and all clinical skills training sessions; Demonstration of competence in key resuscitation skills; Ability to identify, interview, examine, assess and present cases to the satisfaction of the convener in charge of

each clinical attachment; Attendance of ethics and all other tutorials, unless one is ill and submission to miss lectures is presented; A satisfactory portfolio of clinical learning as is referred to in the DP requirements of the blocks below: Adult Health: Submission of clerking notes of 6 patients including a mind map of the presenting complaint and a completed summary sheet from the following disciplines: 2 cardiovascular, 2 respiratory, 1 abdominal/liver, 1 abnormal urine. Completion of all learning tasks, portfolios and attendance of 80% of all tutorials, register attendance will be taken. Submission of learning tasks & portfolios on the last Friday of the 3-week block. DP requirement for learning tasks requires a student to get a minimum of 80%; the student will be allowed up to three attempts to achieve this sub-minimum. Clinical Skills: Attendance of all face-to-face and online clinical skills sessions, including attendance at OSCE monitored by attendance register. Mental Health: Attendance of all online sessions and submission of social portfolio case and geriatric group presentation. Women's Health: Attendance of all face-to-face and online teaching. Achieve greater than 80% on all online quizzes. Perinatal Health: Attendance at all face-to-face and online sessions as monitored by the attendance register. Two end-of-block neonatal and obstetrics quizzes. Students have multiple attempts but must achieve a minimum of 80%. **Assessment:** Assessment includes all of the following components: Theory exam (50%). This will be in the form of an MCQ exam which will cover all of the clinical blocks (Adult, Mental, Women's, Perinatal Health and Clinical Skills) covered in this semester as well as lectures on Ethics and Therapeutics. Portfolio examination on the following 3 clinical attachments (10% each) based on a selected number of cases from your portfolio: Adult Health: Marked portfolio exam. Two of the submitted cases will be marked. In addition, pharmacology MCQ will form part of the block mark. Mental Health: marked social case and group geriatric presentation, both at the end of the block; Women's Health: 3 family planning case assignments; Perinatal Health: 4 case reports, Case presentation and end of block MCQ together form the block mark; Clinical Skills: End of block OSCE exam. (10%). The overall pass mark for the course is 50%. Students must pass all components of the course: theory, portfolio assessments of clinical blocks, Clinical Skills OSCE with 50% and Perinatal MCQ exam with 50%. Reassessment or supplementary may be granted when a student obtained between 45 - 49% in a single component (portfolio assessment of clinical attachments blocks or Perinatal MCQ exam) of the assessment but has obtained 50% or more in all the other components individually. A student can thus only fail one component to be eligible for a re-assessment or a supplementary exam. The student will only be required to do the reassessment or supplementary on the component (portfolio assessment of clinical blocks or Perinatal MCQ exam) which was failed. If a student fails the supplementary exam, or one or more components in the original exam with less than 45%, they must repeat the course. Mental health: Reassessment of social case will entail resubmission of another case. If a student fails, there will be no supplementary and the student must return the next year to repeat the semester course. Women's Health: Should a student obtain less than 50% for the family planning cases assignment they will be reassessed within the block with another family planning assignment. If they fail the reassessment, a supplementary will not be offered, and the student will have to return the next year to repeat the course. Clinical Skills: No reassessment will be offered. Perinatal Exam: Reassessment will consist of a repetition of whichever component was failed. Reassessment of either the case-based quiz or to resubmit case reports, dependent on which was failed. No supplementary for peri-natal health if reassessment is failed. Adult Health: Reassessment will be in the form of an additional case being marked if the student fails. Students granted a supplementary examination are required to do a clinical attachment of 1 week and completion of a portfolio of 5 cases in January followed by an oral examination of the new portfolio.

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#### **MDN2001F/S SPECIAL STUDY MODULES**

*All third year MBChB students will at the start of third year enrol for MDN2001S\* as the default Special Study Modules (SSM) course code. Once students have been allocated to their specific SSM module project, they will be reassigned to the relevant departmental course code of either: AAE2001F/S, AHS2054F/S, CHM2001F/S, FCE2003F/S, HSE2001F/S,*

*HUB2020F/S, IBS2001F/S, OBS2001F/S, PED2001F/S, PPH2002F/S, PRY2001F/S, PTY2002F/S or RAY2004F/S. The course description for MDN2001S given here is generic to all these codes. \* Students who used the duration of the previous third year SSM period for tutored supplementary examinations for either PTY3009F or HSE3000F, will register for MDN2001F (and subsequently be reassigned to the relevant departmental course code noted as a F session) to complete the SSM in the first semester of the following year before progressing to the fourth year of study.*

16 NQF credits at NQF level 6

**Convener:** Dr M Visser

**Course entry requirements:** Successfully completed all second year MBChB courses.

**Objective:** The Special Study Module (SSM) is designed to give students an opportunity for independent supervised work in an area of interest and develop skills for rigorous scientific medical practice.

**Course outline:** The Special Study Module (SSM) comprises a compulsory four-week period of supervised study, designed to complement the core curriculum and to broaden the learning experience. During this experience, each student undertakes a project designed to give opportunities to explore particular interests and develop intellectual and practical skills in a selected subject area. Each student selects one module from a list of modules offered by different Health Sciences departments. SSMs cover a wide range of topics, including basic medical science, pathology, clinical science, behavioural science, epidemiology, and community health. A SSM may take the form of data interpretation, a literature review, a patient record review, a survey, a practical project (language/ music/other) or a laboratory-based study. To encourage depth of learning, students work individually or in small groups, and with a designated supervisor. Where human participants are the subject of the SSM or SSM projects involve patient files or interviews with students and/or staff, students are required to abide by the ethical requirement obtained for the project, adopt an ethical approach and obtain informed, signed consent from research participants. This is further outlined in the SSM course information booklet.

**DP requirements:** Attendance of all scheduled orientation, training, and teaching sessions as stipulated in the SSM course information booklet. Completion of the Ethics online short course by the stipulated due date. Attendance and completion of specified learning objectives are decided upon by the student and supervisor at the start of the SSM.

**Assessment:** Assessment in SSMs is based on a referenced, written report of 2500 – 3000 words, relating to the field of work and subject to a formative process throughout the SSM. Performance is marked using a criterion-based marking schedule, which is described in the SSM information booklet. A random selection of all SSM reports (and those with borderline or very high or low marks), is double marked by the convener and a second marker (either another member of staff in that unit, and/or the overall convener, or the external examiner). The SSM Moderating Board decides the final mark. The overall pass mark for the course is 50%. Students who achieve 45 - 49% will be recommended to the Faculty Examinations Committee for a supplementary assessment. Students who achieve below 45% or who fail the supplementary assessment will fail the course and be required to complete a new SSM in the first rotation of the following year before the commencement of their 4th year of study as a prerequisite for progression.

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**PED5005W** CARING FOR CHILDREN: PAEDIATRIC SURGERY

10 NQF credits at NQF level 8

**Convener:** Professor S Cox and Dr T Siyotula

**Course entry requirements:** Successful completion of all courses within the preceding academic year.

**Co-requisites:** If taking this course for the first time, it must be taken together with Caring for Children: Paediatric Medicine during the same eight- week modular block.

**Course outline:** Caring for Children comprises two courses (Caring for Children: Paediatric Medicine [PED5006W] and Caring for Children: Paediatric Surgery [PED5005W]) that are fully integrated and must thus be taken during the same eight-week modular block. As this

course forms the theoretical basis for final year, it incorporates considerable, structured online and face-to-face teaching and learning activities. Caring for Children: Paediatric Medicine comprises two weeks of ambulatory paediatrics and four weeks of inpatient care. Students will be placed at Red Cross War Memorial Children's Hospital, New Somerset Hospital, or Groote Schuur Hospital. Caring for Children: Paediatric Surgery comprises two weeks of exposure to paediatric surgery in- and out-patient care, and surgical theatre; it takes place at Red Cross War Memorial Children's Hospital. The curriculum is composed of core topics and common presentations which students address in terms of history taking, examination, and clinical reasoning; during bedside tutorials; in assembling portfolios; and engaging with online content. Students who pass these courses will have knowledge of common core childhood medical and surgical diseases and conditions; skill at taking a history from children and their caregivers; examining children and adolescents; the ability to define an appropriate problem list and formulate an appropriate management plan; awareness of basic procedures; professional behaviour and attitudes appropriate to handling children and their caregivers; and awareness of the rights of children and the doctor's role as an advocate for child health.

**DP requirements:** Students who do not meet DP requirements (a) or (c) above fail the course and must repeat it in full in the next academic year. Students who do not meet DP requirement (b) above must complete all quizzes by the deadline set by the course convener, failing which, the student's mark will be DPR. \*Any absence is only allowed with permission, subject to the Concession to Miss Classes/Academic Activities and Modular Policy SOP and rules as stated in FHS UG Handbook 8a.

**Assessment:** The courses PED5005W and PED5006W will be examined together in the last week of the eight-week modular block. The overall pass mark for PED5005W is 50%. The assessment comprises an MCQ/EMI-type online examination. The following will be recommended to the Faculty Examinations Committee, that students who: (a) achieve 48–49% may be offered a supplementary examination\* or (b) achieve 47% or less fail the course and must repeat it in full. For students who do not meet the DP requirements for the course, recommendations to the Faculty Examinations Committee will be according to what is stated in the DP Requirements section above. It will be recommended to the FEC that students who achieve 49% or less in the supplementary exam or who do not attend or achieve 49% or less in the deferred exam must repeat the course and the end-of-block summative assessment in full in the next academic year. \*All additional time and supplementary examinations will take place in the supplementary time period as scheduled by the Faculty of Health Sciences.

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### **PED5006W CARING FOR CHILDREN: PAEDIATRIC MEDICINE**

30 NQF credits at NQF level 8

**Convener:** Associate Professor H Buys and Dr A Ramcharan

**Course entry requirements:** Successful completion of all courses within the preceding academic year.

**Co-requisites:** If taking this course for the first time, it must be taken together with Caring for Children: Paediatric Surgery during the same eight-week modular block.

**Objective:** Build knowledge, skills and attributes needed to promote health amongst, prevent disease in and provide holistic medical and surgical care to children and adolescents.

**Course outline:** Caring for Children comprises two courses (Caring for Children: Paediatric Medicine [PED5006W] and Caring for Children: Paediatric Surgery [PED5005W]) that are fully integrated and must thus be taken during the same eight-week modular block. As these courses form the theoretical basis for final year, they incorporate considerable structured online and face-to-face teaching and learning activities. Caring for Children: Paediatric Medicine comprises two weeks of ambulatory paediatrics and four weeks of inpatient care. Students will be placed at Red Cross War Memorial Children's Hospital, New Somerset Hospital, or Groote Schuur Hospital. Caring for Children: Paediatric Surgery comprises two weeks of exposure to paediatric surgery in- and out-patient care, and surgical theatre; it takes place at Red Cross War Memorial Children's Hospital. The curriculum is composed of

core topics and common presentations which students address in terms of history taking, examination, and clinical reasoning; during bedside tutorials; in assembling portfolios; and engaging with online content. Students who pass these courses will have knowledge of common core childhood medical and surgical diseases and conditions; skill at taking a history from children and their caregivers; examining children and adolescents; the ability to define an appropriate problem list and formulate an appropriate management plan; awareness of basic procedures; professional behaviour and attitudes appropriate to handling children and their caregivers; and awareness of the rights of children and the doctor's role as an advocate for child health.

**DP requirements:** To qualify for the end-of-block examination, students must fulfil ALL of the following: (a) Achieve a minimum of 80% attendance\* at ward, ambulatory, and scheduled activities, monitored by signed attendance; (b) complete the online quizzes within the time stipulated in the Vula site; (c) produce and submit an original and honest portfolio of the required minimum number of original case writeups of patients seen in the ward and outpatient clinics by the deadline stipulated in the Vula site; and (d) submit the hard copy completed, signed, and dated PED5006W logbook by the deadline stipulated in the Vula site. Students who do not meet DP requirements (a), (c) or (d) fail PED5006W and must repeat the course in full in the next academic year. Students who do not meet DP requirement (b) above must complete all quizzes by the deadline set by the course convener, failing which the student's mark will be DPR. \*Any absence is only allowed with permission subject to the Concession to Miss Classes/Academic Activities and Modular Policy SOP and rules as stated in FHS UG Handbook 8a.

**Assessment:** The courses PED5005W and PED5006W will be examined together in the last week of the eight-week modular block. The end-of-block summative assessment comprises a portfolio assessment [25% of the overall mark], a clinical assessment [25% of the overall mark], and an online MCQ and Extended Matching items (EMI) assessment [50% of the overall mark]. The overall pass mark for PED5006W is 50%. In addition, students are required to achieve 50% or more in each of the following components: (a) the portfolio assessment, (b) the clinical assessment and (c) the online MCQ/EMI assessment. The following will be recommended to the Faculty Examinations Committee, that students who: (a) achieve less than 50% overall fail, and must repeat the course and its summative assessment in full in the next academic year; (b) fail any component of the end-of-block summative assessment with 48–49% will be required to undertake a supplementary examination\* in that component; or (c) fail any component with a mark of 47% or less will be required to complete two weeks of additional time and undergo a supplementary examination\* in that component. For students who do not meet the DP requirements for the course, recommendations to the Faculty Examinations Committee will be according to what is stated in the DP Requirements section above. It will be recommended to the FEC that students who achieve 49% or less in any component of the supplementary exam or who do not attend or fail any component of the deferred exam must repeat the course and the end-of-block summative assessment in full in the next academic year.\*All additional time and supplementary examinations will take place in the supplementary time period as scheduled by the Faculty of Health Sciences.

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#### **DIVISION OF PHYSIOTHERAPY:**

##### **Returned Students:**

**First-Year Prize:** The student who performed best in AHS1033F (Movement Science) and AHS1034S (Intro to Applied Physiotherapy) (combined) provided a course average of over 75% has been obtained for both courses.

**Second Year Prize:** Best performance in second-year courses AHS2052H Movement Science and AHS2053H Applied Physiotherapy provided an average of 75% or above is obtained

**Second Year Prize: Ione Sellars Memorial Prize:** Best student in Anatomy & Physiology II for Health & Rehabilitation Sciences (HUB2015W)

**Third Year Prize:** Best performance in third-year courses AHS3069W clinical physiotherapy: AHS3070H Becoming a Rehabilitation Professional, AHS3076H Movement Science III and AHS3077H Applied Physiotherapy provided a result of 75% or above has been obtained.

**Third Year Prize: Marilyn and Tim Noakes Award:** The BSc Physiotherapy student with the overall highest marks during second and third-year clinical practical courses.

**Returned Students:**

- (a) Class medal to be awarded for the best overall performance in 1<sup>st</sup> year (provided an average of 75% or above is obtained).
- (b) Class medal to be awarded for the best overall performance in 2<sup>nd</sup> year (provided an average of 75% or above is obtained).
- (c) Class medal to be awarded for the best overall performance in 3<sup>rd</sup> year (provided an average of 75% or above is obtained).

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**PED2001FS Special Study Module**

Refer to the generic Special Study Module (SSM) course description under MDN2001F/S in this handbook. All third year MBChB students will at the start of third year enrol for MDN2001S as the default Special Study Modules (SSM) course code. Once students have been allocated to their specific SSM module project, they will be reassigned to the relevant departmental course code of either: AAE2001F/S, AHS2054F/S, CHM2001F/S, FCE2003F/S, HSE2001F/S, HUB2020F/S, **IBS2001F/S**, OBS2001F/S, PED2001F/S, PPH2002F/S, PRY2001F/S, PTY2002F/S or RAY2004F/S.

16 NQF credits at NQF level 6

**Convener:** Dr M Visser

**Course entry requirements:** Successfully completed all second year MBChB courses.

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**Formulae For Undergraduate Degrees with Honours and Distinction**

**Bachelor of Medicine and Bachelor of Surgery (MBChB):**

*(Read in conjunction with FBA 5.1 - 5.3)*

<b>Award</b>	<b>Criteria</b>
Distinction in the Basic Sciences:	Students must attain a cumulative GPA of 80% for years 1 to 3.
Distinction in the Clinical Sciences:	Students must attain a cumulative GPA of 75% for years 4 to 6.
Award of degree with Honours:	Students must achieve a cumulative GPA of 75% for the degree programme (years 1 to 6).
Award of degree with first-class Honours:	Students must achieve a cumulative GPA of 85% for the degree programme (years 1 to 6).

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**Leave of Absence and return/readmission, impairment and fitness to practise healthcare**

**FGU 7.2**

(a) A student who has been granted leave of absence for a medical reason is required to apply to the UCT Fit for Study Panel (FSP) to return from leave of absence. Students are provided with the dates and timelines by which to submit their application to return from a leave of absence (ACA43) including the reports from their treating healthcare professional/s. For students within the clinical years of study, the faculty requires, in addition to the Fit for Study Panel's initial decision, a secondary assessment by a health professional of the faculty's choice to establish whether the student is fit to return to the programme and/or

work with patients/clients. The Faculty's Student Development and Support Committee (SDSC) will ensure that the secondary assessment is expedited. Once the FSP has considered the secondary assessment report, the FSP will communicate outcomes at the end of the respective LoA period. The faculty may set additional conditions for return which may include, for example, a return to clinical shadowing to upgrade clinical skills and/or ongoing monitoring of continued fitness for training/practice. If the FSP decides that the student is not fit to return, the student must apply for an extension of leave of absence with the relevant documents, following which the student must again apply via the FSP to return. (b) Where a student is granted leave of absence for medical reasons secondary to a physical medical condition of limited duration, the faculty may allow the student to submit a medical report/s by a stipulated date from their treating healthcare professional/s to the Faculty's Student Development and Support Committee (SDSC). The SDSC will review the medical report/s and recommend the student's fitness to return or refer for formal FSP application as outlined in FGU7.2 (a) above.