

FACULTY OF SCIENCE

UNDERGRADUATE STUDENT INFORMATION BOOKLET





Undergraduate Student Information Booklet 2025

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|----------------------------|--|
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Message from the Dean of Science, Prof Nithaya Chetty

Welcome to the Faculty of Science at Wits University!

Thank you for choosing to pursue your science degree with us. Our Faculty is proudly ranked among the top science faculties in the country and is globally recognized for its teaching and research excellence. With highly qualified educators and leading scientists, we offer courses and qualifications that are comparable to the best in the world.

As one of five faculties at Wits, we provide a broad range of undergraduate degree programs across the physical, mathematical, biological, and earth sciences. Whether your passion lies in fields like Chemistry, Physics, Computer Science, Genetics, Geology, or Astrophysics, we are confident you will find a program that excites and challenges you. Our flexible degree structures allow you to combine disciplines in innovative ways, enabling a personalized academic journey.

We encourage you to strive for excellence during your studies and to be uncompromising in reaching your highest academic goals. We emphasize the importance of maintaining balance in your academic and personal life as the University is also about building networks, fostering friendships, and shaping your future.

This booklet outlines the requirements for your degree, and it is essential that you read it carefully alongside the Rules and Syllabus book. Should you have any questions, our Faculty staff and academics are here to guide and assist you.

We look forward to supporting you on this exciting journey.

Best wishes for your studies and your future as a scientist!

"Excellence in Diversity"



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Contact Details for The Faculty Office

For all undergraduate enquiries, email: science.ug@wits.ac.za or call 011 717 6014 (Reception)

Schools within the Faculty of Science

| School | Location, Building | Administrators Email Address |
|---|--|--------------------------------|
| Animal, Plant and Environmental Sciences | Biology Building | Rene.Gilbert@wits.ac.za |
| Geography, Archaeology & Environmental Studies | Bernard Price Building | Natanya.Alexander@wits.ac.za |
| Biological Sciences | Biology Building | Rayline.Karim@wits.ac.za |
| Chemistry | Humphrey Raikes Building | Khwezi.Ndawonde@wits.ac.za |
| Computer Science and | TW Kambule Mathematical Sciences | Kgomotso.Monyepote@wits.ac.za |
| Applied Mathematics | Building | Kebadiretse.Mosiane@wits.ac.za |
| Geosciences | Geosciences Building | Lungelwa.Ndevu@wits.ac.za |
| Mathematics | TW Kambule Mathematical Sciences Building | Nozibele.Sizani@wits.ac.za |
| Molecular and Cell Biology | Gate House | Natashya.Bennett@wits.ac.za |
| Physics | Physics Building | Maddalena.Teixeira@wits.ac.za |
| Statistics and Actuarial Science | TW Kambule Mathematical Sciences Building | Palesa.Sekabate@wits.ac.za |



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Guide to Curriculum Planning

The BSc programme consists of various fields of study but has some flexibility in the courses you can take. Most courses are full year, but some are half year and others, blocks. Every course has a credit value, and a certain number of credits are required to complete the programme.

All students intending to do a BSc Degree will need to work out their own curriculum within the fields of study. You are encouraged to seek advice on how to plan your curriculum, which is driven by two main factors:

- Is there a field of study that particularly interests you and what courses do you want to do?
- What constraints are there (e.g., pre-requisites courses, the timetable, etc.)?

The information which follows is designed to introduce you to the curriculum and help you with preliminary planning.

Credit Structure

The BSc curriculum is based on a credit system. Each course carries several credits, defined both by level and duration. You are required to complete a total of **432** credits for a degree, **144** of which must be from two full year level III courses (majors). You only gain credit for a course if you pass that course.

The credits for a full-year course are:

| Level I | = | 36 credits |
|-----------|---|------------|
| Level II | = | 48 credits |
| Level III | = | 72 credits |

Students need to register for at least 144 credits in first, second and third year of study

Course combination

| = | 144 credits |
|---|-------------|
| = | 144 credits |
| = | 144 credits |
| = | 432 credits |
| | = = = |

WHEN PLANNING YOUR BSc DEGREE, KEEP IN MIND ...

You require two major courses at third year level. Choose courses that are complementary and that give you options as you proceed to your second and third year of study. At least one of these majors must be in the Faculty of Science.

Minimum Requirements of Study

The minimum requirements of study prescribed for students are set out below. Credits awarded for courses are detailed in 2.1.3.4 of the Science Rules and Syllabus Book. A student who does not meet the minimum requirements of study may be refused permission by the Senate to renew her/his registration. If, however, a student is permitted to renew her/his registration after having failed to satisfy the minimum requirements of study, s/he may be required to satisfy these and further conditions as the Senate may determine in her/his case.

BSc 3 Year Programme

| | Year of Study I | Year of Study II | Year of Study III |
|--|---|--|---|
| At first attempt, a student must complete courses which yield a minimum total of: | 108 credits and if students have satisfied the prerequisites for three major courses at level II (Students who have completed courses which yield a total between 72 - 107 credits will be allowed to repeat the first year of study) | 48 credits at level II excluding credits previously obtained | 72 credits (one major course) at level III excluding credits previously obtained |
| Repeating students must have obtained the following cumulative credit total across all years of study: | 144 credits at level I and if students have satisfied the prerequisites for three major courses at level II | 288 credits including 144 credits at level II | 432 credits including 144 credits at level III |



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Notwithstanding anything contained above, a student registering for a Bachelor of Science three-year degree may not take longer than four years to complete the requirements. Only in exceptional circumstances, with the permission of the Senate, may this be extended by a further year.

Prizes and Awards

The Faculty of Science acknowledges highly successful student achievers and does this by offering several awards and/or prizes in the form of bronze, silver and gold medals, cash or book prizes, scholarships, as well as certificates. Should you require detailed information please contact the Faculty Office on the Mezzanine floor, in the TW Kambule Mathematical Sciences Building.

Completion Rules

To qualify for the degree of Bachelor of Science, a student will be required to obtain a minimum of 432 credits. A minimum of 144 of these credits must be obtained from level III and a minimum of 144 of these credits from level II. Courses must be selected from the list in 2.1.2.4 a) (Science courses) and, by permission of the Senate, may include courses as specified in 2.1.2.4 b) from another faculty.

A minimum of 72 of the 144 credits must be derived from any approved science major at level III (selected from the list in 2.1.2.4 a).

Conferment of Qualification with Distinction:

- i. all the courses prescribed in the qualification must have been passed at first attempt.
- ii. the qualification must have been completed in the minimum period.
- iii. all prescribed courses are passed with a minimum weighted average of 75 percent, and obtain a subminimum of 60 percent in each of the relevant courses; and
- iv. each major course (or suite of courses that make up the major) at exit level (third year level) is passed with a minimum weighted average of 75 percent.
- v. any additional courses registered for will not be considered when calculating the minimum weighted average of 75 percent for each major.

Timetable

The timetable is made up of five slots, A, B, C, D and E. Each slot is allocated a certain time each day of the week. You may take only one course on each slot, one on A or B or C and so on. You cannot choose two courses on the same slot. Exceptions are courses such as Mathematical Statistics I and Actuarial Sciences I, which are taught concurrently or courses, such as Computer Science I, which are split into four modules. Where courses are offered on more than one slot (e.g. A or E) you must check that you select the option that avoids any clashes and that such a combination of courses will be possible in later years of study.

| Period | 1 | 2 | Break | 3 | 4 | Break | 5 | Lunch | 6 | 7 | 8 |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Time | 08:00 - 08:45 | 09:00 - 09:45 | 09:45 - 10:15 | 10:15 - 11:00 | 11:15 - 12:00 | 12:00 - 12:30 | 12:30 - 13:15 | 13:15 - 14:15 | 14:15 - 15:00 | 15:15 - 16:00 | 16:15 - 17:00 |
| Monday | А | А | | E | E | | D | | С | С | С |
| Tuesday | В | В | | А | А | | E | | D | D | D |
| Wednesday | С | С | | В | В | | А | | Е | E | Е |
| Thursday | D | D | | С | С | | В | | А | А | А |
| Friday | E | E | | D | D | | С | | В | В | В |



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Plan your own Curriculum

| Level I | | | Level II | | | Level III | | |
|------------------|---------|----------------|------------------|---------|----------------|------------------|---------|----------------|
| Courses | Credits | Timetable Slot | Courses | Credits | Timetable Slot | Courses | Credits | Timetable Slot |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| TOTAL CREDITS | | · | TOTAL CREDITS | | | TOTAL CREDITS | | |

NOTE: BSc students need to register for at least 144 credits in first, second and third year of study

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Fields of Study in the Faculty of Science

The Bachelor of Science (BSc) General

A BSc degree will introduce you to the basic scientific disciplines. It is not a professional degree and is thus a steppingstone rather than an end. Many of our students go on to study at postgraduate level.

The Faculty of Science at the University of the Witwatersrand is internationally recognised for its innovative programmes which cover the Biological, Earth, Mathematical and Physical Sciences. The study of science opens doors to many exciting careers in diverse fields such as medical research, chemistry, computer science, biotechnology, genetic engineering, and environmental sciences.

The Faculty of Science offers a three-year undergraduate programme leading to a BSc degree, followed by a one-year postgraduate programme leading to a BSc (Honours) degree. In addition, Master of Science (MSc) and Doctoral (PhD) programmes are offered.

BSc in the field of Biological Sciences

Biochemistry & Cell Biology

"Much of life can be understood in rational terms if expressed in the language of chemistry. It is an international language, a language for all of time, and a language that explains where we came from, what we are and where the physical world will allow us to go" ~ Arthur Kornberg (year).

Biochemistry studies the chemistry of life by investigating the structure-function relationships of life's building blocks: proteins, carbohydrates, fats, and nucleic acids. To understand macromolecular assemblages and their complex interactions, it is important to understand the interactions at a fundamental level. Biochemistry embraces the fascinating worlds of advanced cell biology, molecular biology, protein biochemistry, structural biology and drug design, biotechnology, enzymology, genetic engineering and immunotechnology. Our courses include Enzymology, Protein Biochemistry and Biotechnology, Advanced Immunology and Advanced Cell Biology.

| Year of Study 1 | Year of Study 2 | Year of Study 3 | | | |
|---|--|--|--|--|--|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) <u>passed</u> with 55% or more average AND Auxiliary Mathematics I (MATH1041A) AND Any other level I course | Molecular and Cell Biology IIA: Molecular Processes II (MCBG2038A) * Molecular and Cell Biology IIB: Cells and Organisms II (MCBG2039A) * AND Molecular and Cell Biology IIC: Applications II (MCBG2037A) for double-MCB major students | Biochemistry and Cell Biology III (MCBG3004A) * AND Any other level III major depending on other course set | | | |
| Recommended course: Complementary Life Sciences I (BIOL1006A) | OR Any other level II course depending on other course set | | | | |
| * These are restricted courses | | | | | |
| Careers | | | | | |

Analytical biochemistry; Biomedical scientist; Healthcare scientist, Clinical biochemistry; Protein biotechnology; Personalised medicines; Industrial enzymology; Forensic scientist; Nanotechnologist; Life science research

scientist

• Genetics & Development Biology

This is the era of the gene. You can sequence it. You can research how it functions. You can investigate how genes are involved in disease and how they can make cells cancerous! What's more, with the help of the tools invented in 2013, now we can precisely edit genomes. See how it is transforming biology, biotechnology, the pharmaceutical industry, and medicine. Due to the recent discoveries in the field of genetics, the biotech field is about to undergo an explosion like that of the IT field in the 1980's (think Apple Computers and Microsoft). You can be a part of this by joining MCB Genetics and Developmental Biology. Our exciting courses include: Gene Regulation in Eukaryotes, Population Genetics, Genomes and Genomics and Advanced Developmental Biology.



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|---------------|----------|-------------|--------------|
| Undergraduate | otuaciit | momation | |

| Year of Study 1 | Year of Study 2 | Year of Study 3 | | | | |
|---|---|---|--|--|--|--|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) <u>passed</u> with a minimum of 55% AND Auxiliary Mathematics I (MATH1041A) AND Any other level I course Recommended course: | Molecular and Cell Biology IIA: Molecular Processes II (MCBG2038A) * Molecular and Cell Biology IIB: Cells and Organisms II (MCBG2039A) * AND Molecular and Cell Biology IIC: Applications II (MCBG2037A) for double-MCB major students OR Any other level II course depending | Genetics and Developmental Biology III (MCBG3034A) * AND Any other level III major depending on other course set | | | | |
| Complementary Life Sciences I (BIOL1006A) | on other course set | | | | | |
| * These are restricted courses | | | | | | |
| Careers | | | | | | |
| Plant and Animal breeding; Medical diagnostics; Scientific and medical research; Healthcare scientist; Pharmacogenetics; Research scientist (life sciences and medical); Genetic counselling; Medical writer; Medical | | | | | | |

sales; Bioscience product specialist; Patent law.

Microbiology & Biotechnology

Microbiology and Biotechnology is the study of small living creatures - the microbes that include bacteria, viruses, yeasts and fungi. The courses offered provide a good basic knowledge of the various groups of microbes, their morphology, metabolism, genetics and taxonomy. Microbiology and Biotechnology embraces environmental biotechnology, industrial microbiology, food and medical microbiology as well as plant genetic engineering. Our courses include Advanced Bacteriology, Advanced Virology, Biotechnology of Fungi, Microbial Food Security, Plant and Invertebrate Pathology, and Biotechnology and Engineering.

| Year of Study 1 | Year of Study 2 | Year of Study 3 | | | |
|---|--|---|--|--|--|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) <u>passed</u> with a minimum of 55% AND Auxiliary Mathematics I (MATH1041A) AND Any other level I course Recommended course: Complementary Life Sciences I (BIOL1006A) | Molecular and Cell Biology IIA: Molecular Processes II (MCBG2038A) * Molecular and Cell Biology IIB: Cells and Organisms II (MCBG2039A) * AND Molecular and Cell Biology IIC: Applications II (MCBG2037A) for double-MCB major students OR Any other level II course depending on other course set | Microbiology and Biotechnology III (MCBG3035A) AND Any other level III major depending on other course set | | | |
| * These are restricted courses | | | | | |
| Caracia | | | | | |

Careers

Agricultural, Medical, Environmental and Veterinary biotechnology; Industrial biotechnology; Food security; Insecticides research and production; Biotechnology; Healthcare scientist (Immunology); Microbiology; Nanotechnology; Pharmacology; Brewing; Water quality research; Production of scientific products

Applied Bioinformatics

The overall aim of the course is for students to understand the utility of bioinformatics in the scientific field. Students will learn to select, describe, and use basic bioinformatics tools and how to interpret computational results. Students will also develop an appreciation of the breadth and shortcomings of available computational approaches. Students should develop the ability to identify the appropriate bioinformatics tool for the task at hand; explain the underlying theory behind these tools; demonstrate the utility of different computational approaches; compare databases and portals; assess the limitations of algorithms and tools; evaluate results of bioinformatics experiments.



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| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|--|---|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) <u>passed with</u> <u>a minimum of 55%</u> | Molecular and Cell Biology IIA: Molecular Processes II (MCBG2038A) * Molecular and Cell Biology IIB: Cells and Organisms II (MCBC2020A) * | Applied Bioinformatics III (MCBG3033A) AND Any other level III major depending on other course set |
| AND Auxiliary Mathematics I (MATH1041A) OR Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND | AND Molecular and Cell Biology IIC: Applications II (MCBG2037A) for double-MCB major students | Introduction to Bioinformatics takes place in semester 2 and is 36 credits. Two 18 credit courses from semester 1 MCB courses must be selected at the School of MCB on the day |
| Any other level I course Recommended course: Physics I (Auxiliary) (PHYS1001A) | OR Any other level II course depending on other course set | of registration to be credited to this major. |
| * These are restricted courses | | |

Careers

Drug discovery; Molecular modelling; Biostatics; Biomechanics; Data management; Pharmacogenomics; Precision medicine; Healthcare scientist, Genomics; Conservation genomics

• Applied Ecology and Global Change

This focus area provides students with insight into the quantitative study and use of ecological, physiological and systematic principles in the context of ecology, conservation and environmental science and its applications in conservation biology and environmental management.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|--|---|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) AND Auxiliary Mathematics I (MATH1041A) AND Any other level I course Recommended course: Complementary Life Sciences I (BIOL1006A) | Animal, Plant and Environmental Sciences II: • Ecology, Environment and Conservation IIA (APES2039A) • Ecology, Environment and Conservation IIB (APES2040A) • Life on Earth : Diversity II (APES2042A) • Life on Earth : Evolution II (APES2043A) AND Basic Statistics for the Natural Sciences II (STAT2013A) AND Any other level II science major totaling 48 credits. We recommend the complementary APES major "Biodiversity in a Changing World" – see P10. | Animal, Plant and Environmental Sciences III: Applied Ecology and Global Change IIIA: Individuals, Populations and Communities (APES3082) Applied Ecology and Global Change IIIB: Managing our Complex World (APES3083A) AND Practical Skills in Animal, Plant and Environmental Sciences III (APES3084A) OR Research Methods in Animal, Plant and Environmental Sciences III (APES3081A) AND Any other level III science major depending on other course set. |
| Careers | | |

Environmental Management, Planning and Consulting, Nature conservation, Forestry, Pasture science, Pollution control, Environmental education, Ecotourism, Game Ranger. Students can continue studies in Law, Economics, Engineering, Veterinary Science, Development Management, and become Environmental Lawyers, Environmental Engineers, Environmental Economists, to name a few. These fields are rapidly growing and diversifying. In fact, students with diverse training are sought after for their ability to deal with the interdisciplinary challenges that society faces.



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• Biodiversity in a Changing World

This exciting focus area provides students with the appropriate skills, knowledge and attitudes that would allow them to enter a wide range of zoological, botanical, and ecological careers and to provide a foundation for future specialisation.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|--|--|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) AND Auxiliary Mathematics I (MATH1041A) AND Any other level I course Recommended course: Complementary Life Sciences I (BIOL1006A) | Animal, Plant and Environmental Sciences II: • Animal Form and Function II (APES2033A) • Plant Form and Function II (APES2041A) • Life on Earth : Diversity II (APES2042A) • Life on Earth : Evolution II (APES2043A) AND Basic Statistics for the Natural Sciences II (STAT2013A) AND Any other level II science major totaling 48 credits. We recommend the complementary APES major "Applied Ecology and Global Change" – see P9. | Animal, Plant and Environmental Sciences III: Biodiversity in a Changing World IIIA: From Process to Pattern (APES3078A) Biodiversity in a Changing World IIIB: From Physiology to Behaviour (APES3079A) AND Practical Skills in Animal, Plant and Environmental Sciences III (APES3084A) OR Research Methods in Animal, Plant and Environmental Sciences III (APES3081A) AND AND AND Any other level III science major depending on other course set. |
| Careers Research or related work in various institutions such as Council for Scientific and Industrial Research (CSIR), Agricultural Research Council (ARC), Department of Water Affairs and Forestry (DWA), South African National Biodiversity Institute (SANBI), Nature Conversation, Herbaria (e.g. at Kirstenbosch), Biodiversity Planner, Biology | | |
| Education, Education Officer, Scientific Journalism, Private Consulting Firms (EIA's) and Medical Research (linked to | | |

herbal medicines).



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• Human Biology or Medical Cell Biology

The Human Biology course is designed for students with an interest in biological and forensic anthropology, covering topics such as human skeletal biology, human evolution, and human biodiversity.

Medical Cell Biology is the study of relevant areas of cell biology, molecular biology and developmental biology with reference to specific disease states. Students will have the opportunity to familiarise themselves with technology used in modern biological research laboratories, as well as research methodology. Both courses provide students with an in-depth coverage of issues in human growth and development, biology and evolution through lectures and independent student work.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|--|---|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) AND Auxiliary Mathematics I (MATH1041A) AND Physics I (Auxiliary) (PHYS1001A) | Human and Comparative Biology II (ANAT2021A) AND Any two-level II science majors depending on other course set | Human Biology III (ANAT3002A) OR Medical Cell Biology III (ANAT3011A) AND Any other level III science major depending on other course set |
| Careers | | |

Research in both Human and Comparative Anatomy, Neurosciences, Forensic Anthropology, Bioanthropology and Cell Biology focusing on cancer, toxicology and development. These research avenues provide an avenue to careers in health-related employment sectors including, the Medical Research Council, NHLS, National Research Foundation and educational institutes. Additionally, the knowledge and skill set provided by these courses would stand an applicant to other professional health science/science degrees in good stead.

Human Physiology or Applied & Experimental Physiology

The School of Physiology at Wits is the largest and most productive in southern Africa. Many of its past students occupy distinguished positions in science and medicine in South Africa and throughout the world. The course aims to produce scientists and health professionals who have a consolidated and thorough knowledge of physiology and medical biochemistry. We also train students in how to carry out physiological and biochemical measurements. The courses cover the physiology and medical biochemistry of the body e.g. the cardiovascular, central nervous, respiratory and gastrointestinal systems. Courses include a wider perspective covering human as well as animal physiology. Physiology is offered also at third year level in both the Science and Health Sciences Faculties, the emphasis is on the integration and development of the topics taught in second year, as well as data collection and/or interpretation.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|---|---|
| Introductory Life Sciences I (BIOL1000A) AND Chemistry I (CHEM1012A) AND Auxiliary Mathematics I (MATH1041A) AND Physics I (Auxiliary) (PHYS1001A) | Physiology II (PHSL2000A) AND Any two-level II science courses depending on other course set | Human Physiology III (PHSL3006A) AND <i>Any other level III science major</i> <i>depending on other course set</i> |

Careers

We can provide you with knowledge and skills that are attractive to employers in the health, biology and sport sectors of the economy. Your understanding of physiological processes, biochemistry, and of the research process, enables you to take up careers in education and scientific research, as well to market drugs, enter health and exercise/sport-related careers, do market research, and act as a consultant. Your degree (especially if you have done well) also makes you a highly attractive applicant for admission to professional (clinical) degrees at any South African university and to many overseas universities. Careers in medicine, dentistry, veterinary sciences, pharmacy, physiotherapy and occupational therapy are suited to people who have a strong scientific interest in how human and animal bodies work, as well as how they can be repaired. If you have a degree with a major in one or more of the basic health sciences, you will have a distinct advantage over those students who enter such careers directly from school.



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BSc in the field of Geographical & Archaeological Sciences

Archaeological and Geographical methods and approaches offer an effective means of accessing both deep-time and recent climate and environmental changes, and recording responses by societies, past and present. These two courses also offer a broad understanding of global, political and economic factors that shape and change the societies that we live in. *Learn about environmental change, policy, systems, information systems and remote sensing:* Teaching and research in Archaeology and Geography closely engages with the southern African region while drawing on broad theoretical frameworks and global matters such as climate change, human evolution, indigenous knowledge systems, environmental policy and development agendas.

An undergraduate degree in Geography and Archaeology provides grounding in:

- Earth Systems from climate studies and meteorology to earth surface processes, to earth's biodiversity and ecosystems.
- Environmental Change from land degradation to environmental management.
- Environmental Policy including global and national environmental and heritage agendas, shortfalls, and policy implementation.
- Human Evolution from the evolution of bipedalism to modern human cognition and the crucial morphological and technological changes between.
- Geographical Information Systems and Remote Sensing foundation courses in GIS and Remote Sensing are carried out in our GIS labs during the second and third years of study.
- Human Society looking at economic development, climate and society, cultural geography, farming systems, food security, material culture and urban dynamics.
- Origins of humans including foundation courses on the first modern humans and their African origins.
- Evolution of cognition and technology including stone tools, pottery, rock art and burials.
- · World Archaeology from the first civilisations to World hunter-gatherers and the World Heritage system
- Southern African Archaeology – looking at botanical and faunal remains, farming methods and soils, heritage legislation and practice, and indigenous knowledge

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|--|--|
| Geography I (GEOG1000A) AND Archaeology I (ARCL1011A) AND Auxiliary Mathematics I (MATH1041A) OR Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Any other level I course Recommended course: Geology I (GEOL1000A) Chemistry I (CHEM1012A) Introductory Life Sciences I (BIOL1000A) | Geography II: Earth and Atmospheric Processes II (GEOG2010A) AND Conservation Biogeography II (GEOG2014A) OR Environmental Governance: From Local to Global II (GEOG2012A) AND Geographic Information Systems, Science and Mapping Systems II (GEOG2013A) AND Thinking Geographically: Concepts and Practices in Human Geography II (GEOG2015A) AND Archaeology II (ARCL2002A) AND Any other level II major depending on other course set | Geography III: FOUR COURSES FROM Theory and Practice in Sustainability Science and Sustainable Development III (GEOG3023A) Urban Futures: The Political-Economy of Population and Scarcity III (GEOG3025A) Economic Geography III (GEOG3019A) Food: Security, Politics and Culture III (GEOG3026A) AND Advanced Atmospheric Sciences III (GEOG3021A) Environmental Monitoring and Modelling III (GEOG3024A) Remote Sensing and Photogrammetry III (GEOG3020A) AND/OR Archaeology III (ARCL3002A) AND/OR Any other level III major depending on other course set Eight Geography III courses may be taken for a double major in Geography |
| Environmental and Heritage Assess | sment, Urban Development, Climate C | Change and Carbon Credit, Biodiversity |

Environmental and Heritage Assessment, Urban Development, Climate Change and Carbon Credit, Biodiversity Conservation, Rural Development, Hydrology, Ecosystem Services, Food Security, Property Development, Market Research, Meteorology and Weather Forecasting; Geomorphology, Tourism Development and Water or Aquatic Resources Management, Research, Environmental and Cultural Heritage Management, Contract Archaeology, Museum Curator, Museum Development, Site Development, Tourism and Media, Heritage Assessors.

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BSc in the field of Environmental Studies

This major provides students with a cross-cutting and interdisciplinary science and social science education, focusing in particular on the deep historical and contemporary issues facing southern Africa today, including climate and environmental change, resource management (including heritage resources), environmental justice and sustainability. This major pathway is designed to be integrated and multidisciplinary, to encourage students to develop skills that can be applied to national-scale issues of development, transformation and employability in South Africa.

This major in Environmental Studies has direct entry at Year 2 level, there is no course in Environmental Studies at Year 1 level. To join at Year 2, you simply have to pass at least 108 credits at Year 1 level in <u>any</u> Faculty of Science courses.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|---|---|
| Auxiliary Mathematics I (MATH1041A) OR Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Any THREE other level I courses Recommended courses: Geography I (GEOG1000A) Archaeology I (ARCL1000A) AND Any other level I course | Environmental Studies II: People and the Environment in Africa II (GAES2000A) Nature, Climate and Society II (GAES2001A) AND Any TWO level II majors depending on other course set | Environmental Studies III: FOUR COURSES FROM Theory and Practice in Sustainability Science and Sustainable Development III (GAES3000A) AND Contemporary Environmental Issues in Southern Africa III (GAES3005A) AND Communicating Environmental Issues III (GAES3002A) OR Heritage Resources Management III (GAES3004A) AND Human Biometeorology III (GAES3003A) OR Political Ecology and Environmental Justice III (GAES3001A) AND Any other level III major depending on other course set |
| Careers Environmental manager; Environmental consultant; Government; Resource manager; Conservationist; | | |

Environmental Impact assessor; Climate change impacts analyst

BSc in the field of Geospatial Sciences

This curriculum has a strong science focus but will provide you with a foundation for a professional career in Geospatial Science, based on a background in theory, practice and research developed through this curriculum. You will undertake a capstone experience in the final year through a Geospatial Science Major Project. At the end of the programme, you will be equipped with all the knowledge and skills required for registration with the South African Geomatics Council as a GIS practitioner. Whilst there is no accreditation for this new programme now, graduates are eligible for admission to the SAGC at technologist level. Entry to this curriculum requires achievement of a minimum of 144 credits at year 1 level within the Faculty of Science with pre-requisites of Auxiliary Mathematics I or equivalent with a 65% minimum and Geography I.



Undergraduate Student Information Booklet 2025

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|---|---|
| Geography I (GEOG1000A) AND Auxiliary Mathematics I (MATH1041A) or Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) *or any two courses yielding a minimum of 36 level I credits each | Geospatial Sciences II: Engineering Surveying II (MINN2016A) Principles of Geospatial Database Systems (GEOG2018A) Fundamentals of Geospatial Programming (GEOG2019A) Physical fundamentals of remote sensing (GEOG2020A) Basic Statistics for Natural Sciences II (STAT2013A) AND Geography II: Geographic Information Systems, Science and Mapping Systems II (GEOG2013A) Thinking Geographically: Concepts and Practices in Human Geography II (GEOG2015A) Any course yielding 12 credits as listed below: Earth and Atmospheric Processes II (GEOG2010A) Environmental Governance: From Local to Global II (GEOG2012A) Conservation Biogeography II (GEOG2014A) AND Any other level II major depending on other course set | Geospatial Sciences III: Geospatial Data Design and Management III (GEOG3029A) Project management in Geospatial Science III (GEOG3030A) Spatial Data Analysis and Modelling III (GEOG3032A) Introduction to Spatial Statistics III (STAT3037A) AND Geography III: Remote Sensing and Photogrammetry III (GEOG3033A) AND Select three courses from the list below yielding 18 credits each. Economic Geography III (GEOG3019A) Climate and Environmental Change III (GEOG3020A) Advanced Atmospheric Sciences III (GEOG3021A) Theory and Practice in Sustainability Science and Sustainable Development III (GEOG3023A) Environmental Monitoring and Modelling III (GEOG3024A) Urban Futures: The Political- Economy of Population and Scarcity III (GEOG3025A) Food: Security, Politics & Culture III (GEOG3026A) OR Any course yielding 72 level III credits depending on courses completed at level II and GEOG3033A Remote Sensing and Photogrammetry |
| Careers Geospatial skills provide the opportunity for a rewarding and versatile career path in both government and private sector organisations, e.g., GIS/Remote Sensing Specialist, Cartographers, Database Administrators, Programmers, Land Administrator, GIS technologist/professionals, Climate Scientist, Conservationist, Health Geographer, Hydrologist Urban Plapper, Environmental Manager, Academic Researcher, Geomorphologist, Disaster Manager, | | |

Business Intelligence Analyst, Transportation Planner

BSc in the field of Geological Sciences

Geoscientists are key to the current and future economic development of South Africa and Africa through the search for and extraction of economic mineral resources. Most graduates work in mines or for mineral exploration companies, increasing numbers work in environmental geoscience. Geoscientists must be inquisitive and passionate about the world around them, be prepared to travel and enjoy working outdoors or in a mining environment. South Africa's large mining sector provides bursary opportunities.

The school also offers a dual major in Geology and Applied Geology at 2nd and 3rd year levels.



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| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|--|--|
| Geology I (GEOL1000A) AND Chemistry I (CHEM1012A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Any other level I course Recommended courses: Geography I (GEOG1000A) Physics I (Major) (PHYS1000A) Introductory Life Sciences I (BIOL1000A) | Geology II: Geology II (GEOL2025A) OR Sedimentology, Stratigraphy, and Palaeontology II (GEOL2024A) Igneous Petrology & Processes II (GEOL2020A) Mineralogy & Optical Mineralogy II (GEOL2023A) Metamorphic Petrology & Processes II (GEOL2022A) AND Applied Geology II: Applied Geology II: Applied Geology II: Applied Geology II (GEOL2026A) OR Introduction to Geochemical Techniques II (GEOL2021A) Geological Mapping Techniques II (GEOL2019A) AND Basic Statistics for Natural Scientists II (STAT2013A) AND Any other level II major depending on other course sets | Geology III: Geology III: Geology III (GEOL3049A) OR Advanced Petrology III (GEOL3043A) Structural Geology III (GEOL3047A) Tectonics of the Earth III (GEOL3041A) Economic Geology & Ore Petrology III (GEOL3046A) AND Applied Geology III: Applied Geology III: (GEOL3050A) OR Advanced Geological Mapping Techniques III (GEOL3042A) Hydrogeology & Water Resource Management III (GEOL3044A) Exploration Methods III (GEOL3045A) Geographical Information Systems & Remote Sensing III (GEOL3048A) |
| Careers Mining Geologist, Minerals and Oil Exploration Geologist, Geophysics Consultant, Environmental Consultant, Academic Researcher, Paleontologist, Geologist, GIS-Remote Sensing Specialist, Geochemist, Mineralogist, Hydrogeologist Mining Analyst Teacher, Heritage/Tourism Consultant, Government Survey Geologist | | |

BSc in the field of Actuarial Science

The Wits degree has proved to be a sound foundation for the internationally recognised actuarial examination, with over 650 graduates having qualified as Fellow Actuaries since the actuarial programme began in 1983. The School of Statistics and Actuarial Science offers the largest number of accredited courses of any single university on the African continent.

The school attracts a large and culturally diverse group of particularly able students, providing extraordinary opportunities for intellectual exchange and development.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|--|--|
| Actuarial Science I (STAT1002A) AND Mathematical Statistics I (STAT1003A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Economic Theory IA Microeconomics (ECON1016A) Economic Theory IB Macroeconomics (ECON1018A) AND Business Accounting I (ACCN1000A) | Actuarial Science II (STAT2008A) AND Mathematical Statistics II (STAT2005A) AND Mathematics II: Basic Analysis II (MATH2001A) Differential Equations II (MATH2003A) Multivariable Calculus II (MATH2007A) Abstract Mathematics II (MATH2015A) Linear Algebra II (MATH2019A) Advanced Analysis II (MATH2016A) | Actuarial Science III: Computers and Communications for Actuaries III (STAT3021A) Life Contingencies III (STAT3010A) Actuarial Economics III (STAT3015A) Actuarial Reserving Techniques III (STAT3030A) AND Mathematical Statistics III: Multivariate Data Analysis III (STAT3031A) Risk Theory III (STAT3032A) Statistical Elements of Machine Learning III (STAT3033A) Stochastic Processes III (STAT3034A) Survival Analysis III (STAT3035A) Time Series III (STAT3036A) |
| Careers | | |

Life Insurance, Retirement Funding, Health Care, Banking, General Insurance, Consulting, General Management, Asset Management, Enterprise Risk Management, Research & Planning, Data Scientist, Statistician.



Undergraduate Student Information Booklet 2025

BSc in the Field of Mathematical Sciences

Majoring in Mathematical Sciences is suited to students with an aptitude for mathematics who are interested in applying mathematics to problem solving in the real world. Mathematical Sciences combines traditional mathematics subjects with courses such as Statistics and Applied Mathematics.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|--|--|
| Mathematics I (Major): • Algebra I (MATH1034A) • Calculus I (MATH1036A) AND Computational and Applied Mathematics I: • Mathematical Methods and Modelling I (APPM1026A) • Mechanics I (APPM1028A) • Scientific Computing I(APPM1030A) Mathematical Statistics I (STAT1003A) Additional courses yielding a minimum of 54 level I credits as listed in 2.1.2.6 | Mathematics II: • Basic Analysis II (MATH2001A) • Multivariable Calculus II (MATH2007A) • Abstract Mathematics II (MATH2015A) • Linear Algebra II (MATH2019A) • Advanced Analysis II (MATH2016A) • Differential Equations II (MATH2003A) Mathematical Statistics II (STAT2005A) AND Computational and Applied Mathematics II: • Mathematical Methods and Modelling II (APPM2021A) • Mechanics II (APPM2023A) • Scientific Computing II (APPM2025A) | Mathematical Statistics III: • Multivariate Data Analysis III (STAT3031A) • Risk Theory III (STAT3032A) • Statistical Elements of Machine Learning III (STAT3033A) • Stochastic Processes III (STAT3034A) • Survival Analysis III (STAT3035A) • Time Series III (STAT3036A) <i>Any other level III major depending on other course sets</i> Computational and Applied Mathematics III: • Mathematical Methods and Modelling III (APPM3038A) • Mechanics III (APPM3039A) • Scientific Computing III (APPM3040A) OR Mathematics III: • Complex Analysis III (MATH3004A) • Groups Theory III (MATH3006A) • Real Analysis III (MATH3048A) <i>AND</i> • Advanced Real Analysis III (MATH3047A) Or • Coding and Cryptography III (MATH3003A) <i>AND</i> • Rings and Fields III (MATH3009A) Or • Positive Linear Systems III (MATH3004A) • Number Theory III (MATH3001A) Or • Number Theory III (MATH3001A) Or |
| Careers Advanced Mathematics of Finance, Banking, Statistician, | | |



Undergraduate Student Information Booklet 2025

BSc in the field of Computational and Applied Mathematics

In the 21st century, we find ourselves living in a complex and modern world that requires thoughtful and well-reasoned analytical, mathematical, and computational tools and methods in order to solve the burning problems and answer the critical questions that we are being faced with. These span a variety of fields including the physical, biological, and social sciences as well as within commerce, business, and finance.

The undergraduate Computational and Applied Mathematics curriculum will teach you these applied mathematical problem-solving skills as well as develop the use of computational methods and the implementation of algorithms on computers as a key component of problem-solving. You will take courses where the focus is on modeling and solving problems from a variety of areas including business, engineering, and science, and using mechanics, optimisation, differential equations, and scientific computing skills in order to achieve the intended outcomes. Through this course, you will also develop skills in critical thinking, analytical reasoning, and effective scientific communication.

As an applied mathematician, you will find yourself straddling different fields because you are working on understanding very interdisciplinary problems. As such, being a student who is majoring in applied mathematics places you in a unique position of being enrolled in a semi-flexible curriculum that has a wide and diverse variety of options giving you the opportunity to tailor-make a suite of course choices that are aligned to your own interests, and career aspirations and goals. These courses may be chosen from: physics, chemistry, computer science, biology, astrophysics, geology, philosophy, economics, finance, and accounting. In general, these additional courses should be ones that broaden your skills and have multifaceted value.

Applied mathematicians working in the School as well as in industry are involved in making meaning of and understanding the world that we live in, and working on real-world problems with real consequences for real people living in the real world. Applied Mathematics has thus become a very powerful and practical tool in many disciplines and professions. The specialised task of finding practical solutions to real-life problems by means of mathematical invention and computational expertise is the objective of researchers in the School of Computer Science and Applied Mathematics at Wits.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|--|---|
| Year of Study 1 Computational and Applied Mathematics I: Mathematical Methods and Modelling I (APPM1026A) Mechanics I (APPM1028A) Scientific Computing I (APPM1030A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Any 2 other level I courses Recommended courses: Computer Science I: Basic Computer Organisation I (COMS1015A) Discrete Computational Structures I (COMS1016A) Introduction to Algorithms and Programming I (COMS1018A) Introduction to Data Structures and Algorithms I (COMS1017A) | Year of Study 2 Computational and Applied Mathematics II: Mathematical Methods and Modelling II (APPM2021A) Mechanics II (APPM2023A) Scientific Computing II (APPM2025A) AND Mathematics II: Basic Analysis II (MATH2001A) Multivariable Calculus II (MATH2007A) Abstract Mathematics II (MATH2015A) Linear Algebra II (MATH2019A) Advanced Analysis II (MATH2016A) Introduction to Mathematical Statistics II (STAT2012A) AND Any other level II major depending on other course sets | Year of Study 3 Computational and Applied Mathematics III: Mathematical Methods and Modelling III (APPM3038A) Mechanics III (APPM3039A) Scientific Computing III (APPM3040A) AND Any other level III major depending on other course sets |
| | Careers | <u> </u> |
| Analytics (Data, Quantitative, Risk, Supply Chain), Forecasting, Consulting, Investment Banking, Finance and | | |

Analytics (Data, Quantitative, Risk, Supply Chain), Forecasting, Consulting, Investment Banking, Finance and Financial Services, Operations Research, Data Scientist, Systems and Modelling Engineer, Programmer, Developer, Research and Academia, Teaching.

BSc in the field of Computer Science



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Computer Science is the discipline of solving problems so that the solutions can be efficiently implemented on computers. The problems considered can be from a variety of different realms, such as commerce, finance, mining, science, engineering, mathematics, music and entertainment. To be successful in computer science, you must have good critical thinking, analytical ability, mathematical ability and creativity.

The undergraduate Computer Science curriculum will teach you the fundamental mathematical and scientific principles behind computer science, as well as the important practical skills required. You will be taught how to design and implement your programs and how to analyse them to determine their correctness and efficiency. You will also take courses that teach you about computer networks, database systems, operating systems, artificial intelligence, formal languages, and software design and data structures.

| Year of Study 1 | Year of Study 2 | Year of Study 3 | | | |
|---|---|--|--|--|--|
| Computer Science I: Basic Computer Organisation I (COMS1015A) Discrete Computational Structures I (COMS1016A) Introduction to Algorithms and Programming I (COMS1018A) Introduction to Data Structures and Algorithms I (COMS1017A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Computational and Applied Mathematics I: Mathematics I (APPM1026A) Scientific Computing I (APPM1030A) AND Any other level I course | Computer Science II: Database Fundamentals II (COMS2002A) Mobile Computing II (COMS2013A) Computer Networks II (COMS2014A) Analysis of Algorithms II (COMS2015A) AND Computational and Applied Mathematics II: Mathematical Methods and Modelling II (APPM2021A) Mechanics II (APPM2023A) Scientific Computing II (APPM2025A) AND Mathematics II: Basic Analysis II (MATH2001A) Multivariable Calculus II (MATH2007A) Abstract Mathematics II (MATH2015A) Linear Algebra II (MATH2019A) Advanced Analysis II (MATH2016A) Introduction to Mathematical Statistics II (STAT2012A) | Computer Science III: Analysis of Advanced Algorithms III (COMS3005A) Formal Languages and Automata III (COMS3003A) Software Design III (COMS3009A) Operating Systems and System Programming III (COMS3010A) AND Computational Applications III: Machine Learning III (COMS3007A) Computer Graphics and Visualisation III (COMS3006A) Parallel Computing III (COMS3008A) Software Design Project III (COMS3011A) | | | |
| | Careers | | | | |

Software and System Architects, Software Development, Consulting, Database and System Administration, App Development, Game Design, Data Scientist, Machine Learning Engineer, Robotics, Teaching, Artificial Intelligence, and Cyber Security.

BSc in the field of Chemistry with Chemical Engineering

Chemistry is a branch of science that has its roots in the late 17th century and was born out of alchemy; it is a mixture of natural philosophy, astrology, magic and mysticism. Chemistry has changed. Chemical engineers apply the theories and laws of chemistry, fundamental laws of physics, expressed in mathematical language, and concepts such as course operations and reaction kinetics to develop industrial chemical processes to produce materials that require chemical processing. The chemical engineer usually builds on the findings of the research chemist, who works with small amounts of materials in the laboratory. The chemical engineer is concerned with the design, construction, operation and marketing of equipment that can reproduce on a large scale the processes or products developed by chemists. These include materials needed for specialist applications in the aerospace, automotive, biomedical and electronics industries. In recent years chemical engineers have started working in biotechnology, designing bioreactors for plant cultures or using bacteria to extract minerals from their ores. Another frontier for the chemical engineer has been electronics, where research is conducted on the synthesis of micro-electronic components. The chemists and the chemical engineer often form a close-knit team.

The engineer takes over after the chemist has developed a new product or process, such as a new adhesive or an improved way of refining platinum.

BSc in the field of Chemistry with Chemical Engineering (including courses from Engineering) is about rigorous science, but it still retains the elements of magic and mystery that excited the alchemists. As we delve into and unlock nature's secrets, we gain the knowledge and understanding that enables us to create new materials and compounds.



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A student who completes a Bachelor of Science containing the courses listed below may apply for entry to the third year of the Bachelor of Science in Engineering (Chemical Engineering) in the Faculty of Engineering and the Built Environment (EBE) or the Bachelor of Science with Honours in the Faculty of Science in the field of Chemistry. Admission is at the discretion of the Senate.



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| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|---|--|
| Chemistry I (CHEM1012A) passed with 60% or more average AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Physics I (Major) (PHYS1000A) AND Engineering Analysis & Design IA (FEBE1002A) Engineering Analysis & Design IB (FEBE1004A) AND Any one course from the list below: Elementary Sesotho Language and Culture IA (AFRL1005A) Elementary IsiZulu Language and Culture IA (AFRL1003A) The International Relations of South Africa and Africa I (INTR1010A) Introduction to Political Studies I (POLS1007A) Southern Africa in the Era of Globalisation I (SOCL1013A) Identity and Society I (SOCL1014A) | Process Engineering Fundamentals IIA (CHMT2021A) Computing for Process Engineering II (CHMT2011A) AND Electrical Engineering (ELEN2000A) AND Mathematics II (Engineering) (MATH2011A) AND Chemistry II: Chemistry IIA (CHEM2001A) Chemistry IIB (CHEM2002A) AND Economic Concepts IA (ECON1002A) | Chemistry III: Chemistry IIIA (CHEM3002A) Chemistry IIIB (CHEM3003A) AND Applied Chemistry III: Applied Chemistry IIIA (CHEM3033A) Applied Chemistry IIIB (CHEM3034A) AND Process Engineering Fundamentals IIB (CHMT2023A) |
| Agricultural Research, Food and Drink Te | echnology, Medical Research, Science Pu | ublishing, Biotechnology, Forensic |

Agricultural Research, Food and Drink Technology, Medical Research, Science Publishing, Biotechnology, Forensic Science, Patents, Forestry Research, Pesticides Industry, Water Treatment and Analysis, Chemical Services, Patents, Chemical Analysis, Applied Chemical Research, Sales of Scientific Equipment, Environmental Research, Quality Control and Management, Hazardous Waste Management, Science Teacher, Petrochemical Industry, Personal Care Chemistry, Textile Chemistry

BSc in the field of Physical Sciences

Chemistry

Chemistry is known as the central science because it lies between physics and mathematics on the one hand, and the biological and earth sciences on the other. Chemistry is concerned with matter and how it changes. Chemists study the structure, composition, behaviour and energetics of substances. They explore what happens when atoms and molecules react, and they try to understand the underlying changes that occur. They observe phenomena in the "real" world around us, and their discoveries have a major impact on our everyday lives.

The combined knowledge of theoretical principles, scientific facts and practical skills allows trained chemists to tackle a variety of fundamental and applied problems. For example, their jobs may involve looking for new medicines from natural sources, creating novel plastics in the laboratory, or predicting the environmental impact of industrial processes. Their specialised knowledge is crucial for meeting the diverse and changing needs of society. As you can see, chemistry is far more than the study of the things commonly referred to as "chemicals"! It trains you to think logically, analytically and creatively. The skills that you develop during your basic training in chemistry will serve you well even if you intend moving into areas such as patent law, commerce, management and, of course, teaching. It draws on the language of mathematics and the laws of physics to describe the world around us from a chemical, biological and physical point of view. Chemistry plays a vital part in our understanding of the structure and the interactions of matter in the universe.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|---|--|
| Chemistry I (CHEM1012A) passed with 60% or more average AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) OR Auxiliary Mathematics I (MATH1041A) | Chemistry II: Chemistry IIA (CHEM2001A) Chemistry IIB (CHEM2002A) AND/OR Applied Chemistry II (CHEM2030A) AND/OR Any other level II majors depending on other course set | Chemistry III: Chemistry IIIA (CHEM3002A) Chemistry IIIB (CHEM3003A) AND Applied Chemistry III: Applied Chemistry IIIA (CHEM3033A) |



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| AND | Applied Chemistry IIIB |
|-----------------------------------|-------------------------------|
| Any two level I courses | (CHEM3034A) |
| | OR |
| Recommended Courses: | Any other level III major |
| Physics I (Major) (PHYS1000A) | demonding on other source of |
| or | depending on other course set |
| Physics I (Auxiliary) (PHYS1001A) | |
| Introductory Life Science I | |
| | |
| (BIOLIUUUA) | |
| | |

Careers

Agricultural Research, Food and Drink Technology, Medical Research, Science Publishing, Biotechnology, Forensic Science, Patents, Forestry Research, Pesticides Industry, Water Treatment and Analysis, Chemical Services, Patents, Chemical Analysis, Applied Chemical Research, Sales of Scientific Equipment, Environmental Research, Quality Control and Management, Hazardous Waste Management, Science Teacher, Petrochemical Industry, Personal Care Chemistry, Textile Chemistry, Consultants and Administrators

Physics

A degree in physics equips you with skills that include:

- Analytical and problem-solving skills that are in demand in many fields;
- A sound background for understanding an increasingly technological society;
- Experience to equip you for lifelong learning in a rapidly changing world;
- Mathematical skills that can be applied in wide ranging environments; and
- Computational skills that are marketable in many sectors.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|---|---|--|
| Physics I (Major) (PHYS1000A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Chemistry I (CHEM1012A) AND AND Any other level I course | Physics II: Physics IIA (PHYS2001A) Physics IIB (PHYS2002A) AND Mathematics II: Abstract Mathematics II (MATH2015A) Linear Algebra II (MATH2019A) Differential Equations II | Physics III: Quantum Mechanics III (PHYS3000A) Statistical Physics III (PHYS3002A) Waves and Modern Optics III (PHYS3003A) Advanced Experimental Physics and Project III (PHYS3006A) |
| Recommended course: Computational and Applied Mathematics I: Mathematical Methods and Modelling I (APPM1026A) Mechanics I (APPM1028A) Scientific Computing I (APPM1030A) | (MATH2003A) Basic Analysis II (MATH2001A) Multivariable Calculus II (MATH2007A) Advanced Analysis II (MATH2016A) AND Any other level II major depending on other course set | Applications of Quantum Mechanics III (PHYS3001A) or Introduction to Geophysics III (PHYS3004A) AND Any other level III major depending on other course set |

Physics Research, Medical Physics, Applied Technology, Environmental Science, Communications, Education, Law, Project Managers, Software Engineers, Finance, Consultants and Administrators.

BSc in the field of Astronomy and Astrophysics

Become an Astrophysicist and reach for the stars! This is exactly what Astrophysicists do; they interpret astronomical data gathered by astronomers and understand how our universe works. Astronomers view the stars and galaxies not only through optical telescopes but also using radio telescopes and microwaves, together with gamma-rays and X-rays. In fact, right across the electromagnetic spectrum – called "Multi-frequency Astronomy".

An exciting career awaits a scientist in the fields of Astronomy and Astrophysics in South Africa. The South African Government was recently instrumental in obtaining the award of the Square Kilometer Array (SKA) project, having a core of radio telescopes in the Karoo, based on our KAT7 (Karroo Array Telescopes consisting of 7 dishes) and the subsequently developed MeerKAT (comprising 64 dishes). The array will stretch throughout the African continent right up to Ghana. In our neighboring country Namibia, the H.S.S.S. (High Energy Stereoscopic System) with 5 telescopes has been producing maps of the night sky featuring gamma-ray sources by detecting the faint light produced in the Earth's atmosphere as the gamma-rays pass through. A future development to include over 100 telescopes, the Cherenkov Telescope Array (CTA), may very well also be built in Namibia. These very grand observational projects are supported by our own South African Large Telescope (SALT), an optical telescope sited at Sutherland. We live in very exciting times here at the bottom of Africa and are ready to receive calls from the Universe.



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| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|---|---|
| Physics I (Major) (PHYS1000A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Computational and Applied Mathematics I: Mathematical Methods and Modelling I (APPM1026A) Mechanics I (APPM1028A) Scientific Computing, I (APPM1030A) AND Astronomy I: Introduction to Astronomy I (PHYS1026A) Modern Astrophysics I (PHYS1027A) | Physics II: Physics IIA (Major) (PHYS2001A) Physics IIB (Major) (PHYS2002A) AND Multivariable Calculus II (MATH2007A) AND Introduction to Mathematical Statistics II (STAT2012A) AND Linear Algebra II (MATH2019A) AND Computational and Applied Mathematics II: Mathematical Methods and Modelling II (APPM2021A) Mechanics II (APPM2023A) Scientific Computing II (APPM2025A) AND Modern Radio and Gamma-ray Astronomy II (PHYS2015A) Relativity: The Basis of cosmology and Astrophysics II (PHYS2016A) Recommended Additional courses: Abstract Mathematics II (MATH2015A) Advanced Analysis II (MATH2016A) | Physics III: Quantum Mechanics III (PHYS3000A) Applications of Quantum Mechanics III (PHYS3001A) Statistical Physics III (PHYS3002A) Waves and Modern Optics III (PHYS3003A) Advanced Experimental Physics and Project III (PHYS3006A) AND Astrophysics III: Advanced Astrophysics III (PHYS3010A) Cosmology: The Origin and Evolution of the Universe III (PHYS3011A) |
| | Astronomy, Astrophysics, Space Science | e |

BSc in the field of Materials Science

Materials Science is a multidisciplinary field that involves the study of the properties of substances, particularly solids and their applications. It involves the design and processing of materials and studying properties such as physical, mechanical, thermal, electronic, and magnetic for the goal of attaining superior performance for various applications. In South Africa, companies such as Sasol, CSIR, Mintek, Element 6, PetroSA, NECSA, Impala, HySA Platinum, Lonmin, AngloGold, Pilot tools, Metallurgical Technologies and Bateman all need Materials Science students with a comprehensive background.

| Year of Study 1 | Year of Study 2 | Year of Study 3 |
|--|---|--|
| Physics I (Major) (PHYS1000A) AND Mathematics I (Major): Algebra I (MATH1034A) Calculus I (MATH1036A) AND Chemistry I (CHEM1012A) AND Any other level I course | Materials Science II (CHEM2007A) Multivariable Calculus II (MATH2007A) Differential Equations II (MATH2003A) Linear Algebra II (MATH2019A) AND Any group of courses yielding a minimum of 72 credits: Physics IIA (PHYS2001A) Physics IIB (PHYS2001A) Chemistry IIA (CHEM2001A) OR Chemistry IIA (CHEM2001A) Chemistry IIB (CHEM2002A) Physics IIA (PHYS2001A) | Materials Science III (CHEM3037A) AND A major course yielding a minimum of 72 credits: Chemistry IIIA (CHEM3002A) Chemistry IIIB (CHEM3003A) OR Quantum Mechanics III (PHYS3000A) Quantum Mechanics and its Applications III (PHYS3001A) Statistical Physics III (PHYS3002A) Waves and Modern Optics III (PHYS3003A) Advanced Experimental Physics III (PHYS3006A) |



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Frequently Asked Questions

1. Where do I find information about the Faculty of Science and the Schools with the Faculty of Science? Visit <u>http://www.wits.ac.za/science</u>

2. What is my WITS student email address?

At registration all students get a WITS student email address. All correspondance from Faculty including registration and end of year results are sent to this address. It is important for students to check their emails frequently.

To login go to: <u>http://my.wits.ac.za</u>

User Name: Your student number

Password: Your password will be sent to you via SMS

Email Address: yourstudentnumber@students.wits.ac.za

3. What is student self-service and how do I access it?

Student self-service is an online platform that allows you to do the following:

- Access and print a fee statement
- Check your timetable and venues
- View and amend personal information
- Check your application status
- View final examination results
- View examination timetable
- Generate proof of registration
- Generate an e-Transcript
- Generate a progress report

4. Official Academic Transcript

What is an academic transcript?

An official copy of the results.

Do I pay for this?

Refer to the 2025 Fees Booklet.

How do I get an academic transcript?

An academic record is obtainable at the Faculty Office – reception desk from which you are currently or were previously registered with. Pay at the Cashier's Office in Solomon Mahlangu House, Ground Floor then bring your receipt to the Faculty Office – reception desk at TW Kambule Mathematical Sciences Building, Mezzanine Floor. Email Neliswa.Sithole@wits.ac.za or Bridget.Marvis@wits.ac.za

5. How do I inform the faculty if my personal details have changed?

Address and telephone changes: You must change details on self-service.

Name, surname, and date of birth changes: You must complete an amendment form obtainable from the Faculty Office - reception then attach a certified copy of your ID/passport. Submit the completed documents to Neliswa Sithole at the Faculty Reception.

Email Neliswa.Sithole@wits.ac.za or Bridget.Marvis@wits.ac.za

6. How do I cancel my registration (course or programme)?

Complete a cancellation of registration form, obtainable from the Faculty Office – reception desk. Get it signed by the relevant schools and the library (if cancelling a **programme**). Hand in the completed form together with the student card to an undergraduate Faculty Officer or email it to <u>science.ug@wits.ac.za</u>

Students cannot cancel their registration for any course less than a month prior to the commencement date of the final examination session.

7. Where do I get a copy of my timetable?

When you register a copy of your personal timetable will be available on your self-service. https://self-service.wits.ac.za

8. How do I know for which courses I am enrolled?

You will receive an email confirming detail of registration i.e., courses enrolled for and personal details. You can order a Proof of Registration on your self-service.



Undergraduate Student Information Booklet 2025

9. How do I amend the courses for which I am enrolled?

It is a recommendation that students attend classes for at least a week, before making any changes to their enrolment. Students must complete an amendment form obtainable at the Faculty Office – reception desk, take the form to the relevant schools for approval and return the form to the Faculty Office to be processed or email it to <u>science.ug@wits.ac.za</u>

10. How do I know what my fees are?

Students can request a copy of their fee statement from the Fees Office showing cost of all registered courses, also for residence, clubs, societies etc.

Students can also generate their fee statement from their self-service portal. https://self-service.wits.ac.za

11. Where do bursary students get loan books?

All Schools in the Faculty of Science have books to allocate to bursary students. These books are not available from any of the libraries.

12. What is plagiarism?

Wits' official definition of plagiarism is "the unjustified taking of the ideas, thoughts and writings contained in a particular source and submitting is as if the ideas, thoughts and writings are your own, whereas in fact they are not'. Plagiarism can be an infringement of the Copyright Act if large portions of copyright works are copied without acknowledgement or if the moral rights of authors are negatively affected".

What is a Plagiarist?

A 'word or literary thief' or cheat!

When using others' works (e.g. printed, electronic, images, films, images, music, multimedia, etc.) in your work, you must always acknowledge them, even if the material is free.

If you take direct text from someone else's work, you must always use quotation marks and acknowledge the source and author. If you paraphrase, you do not need to use quotation marks, but you must still give proper acknowledgement. Get permission, when necessary (e.g. when using images, long quotation or extracts, multimedia clips, or for adaptations, translations, digitisation, etc.)

How is plagiarism dealt with at Wits?

Any student or staff member who infringes or plagiarises another person's work will be strictly disciplined in terms of the University Disciplinary Code.



Undergraduate Student Information Booklet 2025

Timetable for 2025

Session Effective Dates:

| Session | Effective Dates | | | Effective Dates | | 0 | Effective Dates | |
|---------|-----------------|-------------|---------|-----------------|-------------|---------|-----------------|-------------|
| | Start Date | End Date | Session | Start Date | End Date | Session | Start Date | End Date |
| FULLYR | 01-Jan-2025 | 31-Dec-2025 | BLOCK1 | 01-Jan-2025 | 31-Mar-2025 | BLOCK3 | 01-Jul-2025 | 31-Aug-2025 |
| SEM1 | 01-Jan-2025 | 30-Jun-2025 | BLOCK2 | 01-Apr-2025 | 30-Jun-2025 | BLOCK4 | 01-Sep-2025 | 31-Dec-2025 |
| SEM2 | 01-Jul-2025 | 31-Dec-2025 | | | | | | |

Timetable:

| School of Ar | chool of Animal Plant & Environmental Sciences | | | | | | | | | | |
|--------------------|---|------------|---------------------------------|---------------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|--|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday |
| APES1000A | Introduction to Medical Sciences I | WSS2 | Wits Science Stadium | Semester 1 | GEN | Lecture | | | | | 08:00-08:45 *12Feb-30Jun 15:15-16:00 *12Feb-30Jun |
| APES1000A | Introduction to Medical Sciences I | WSS5 | Wits Science Stadium | Semester 1 | GEN | Lecture | 12:30-13:15 *12Feb-30Jun | | | | |
| APES1000A | Introduction to Medical Sciences I | FNB10 1 | First National Bank Building | Semester 1 | GEN | Lecture | | 14:15-16:00 *12Feb- 30Jun | | | |
| APES1001A | Introduction to Medical Sciences I | WSS3 | Wits Science Stadium | Full Year | GEN | Lecture | | | | 08:00-08:45 *12Feb-31Dec | |
| APES1001A | Introduction to Medical Sciences I | WSS5 | Wits Science Stadium | Full Year | GEN | Lecture | | | | 11:15-12:00 *12Feb-31Dec | |
| APES1001A | Introduction to Medical Sciences I | U1 | Umthombo Building | Full Year | GEN | Lecture | | 14:15-15:00 *12Feb- 31Dec | | | |
| APES1001A | Introduction to Medical Sciences I | OS1 | Oppenheimer Life Sciences | Full Year | GEN | Lecture | 14:15-15:00 *12Feb-31Dec | | | | 09:00-09:45 *12Feb-31Dec |
| APES1002A | Introductory Physiology and Environmental Sciences I | | | Semester 2 | С | Lecture | 14:15-16:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| APES1003A | Introductory Physiology and Environmental sciences I (Part-time) | P114 | Physics Building | Semester 2 | GEN | Lecture | 17:30-21:00 *15Jul-31Dec | | 17:30-21:00 *15Jul-31Dec | | |
| APES2033A | Animal Form and Function II | B111 | Biology Building | Semester 1 | С | Lecture | 14:15-17:00 | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 |
| APES2037A | Introduction to Animal Behaviour II | | | Semester 1 | В | Lecture | | | 10:15-12:00 | 08:00-09:45 12:30-13:15 | 14:15-17:00 |



| APES2039A | Ecology, Environment, and Conservation IIA | B111 | Biology Building | Semester 1 | D | Lecture | 12:30-13:15 | 14:15-17:00 | | 08:00-09:45 | 10:15-12:00 |
|-----------|--|------|------------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| APES2040A | Ecology, Environment, and Conservation IIB | B121 | Biology Building | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |
| APES2041A | Plant Form and Function II | B111 | Biology Building | Semester 2 | С | Lecture | 14:15-17:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| APES2042A | Life on Earth: Diversity II | B111 | Biology Building | Semester 1 | E | Lecture | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 | | 08:00-09:45 |
| APES2043A | Life on Earth: Evolution II | B111 | Biology Building | Block 3 | E | Lecture | 10:15-12:00 *15Jul-02Sep | 12:30-13:15 *15Jul-02Sep | 14:15-17:00 *15Jul-02Sep | | 08:00-09:45 *15Jul-02Sep |
| APES3074A | Biodiversity in a Changing World IIIA: From Process to Pattern | | | Semester 1 | В | Lecture | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 |
| APES3075A | Biodiversity in a Changing World IIIB: From Physiology to Behaviour | | | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec |
| APES3076A | Applied Ecology and Global Change IIIA: Individuals, Populations and Communities | | | Semester 1 | А | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 | |
| APES3077A | Applied Ecology and Global Change IIIB: Managing our Complex World | | | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec | |
| APES3078A | Biodiversity in a Changing World IIIA: From Process to Pattern | B111 | Biology Building | Semester 1 | В | Lecture | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 |
| APES3079A | Biodiversity in a Changing World IIIB: From Animal Physiology to Behaviour | B111 | Biology Building | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec |
| APES3080A | Biodiversity in a Changing World IIIB: Plant Ecophysiology | | | Semester 1 | A | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 | |
| APES3082A | Applied Ecology and Global Change IIIA: Individuals, Populations and Communities | B111 | Biology Building | Semester 1 | А | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 | |
| APES3083A | Applied Ecology and Global Change IIIB: Pattern and Process | B111 | Biology Building | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec | |
| BIOL1000A | Introductory Life Sciences | WSS5 | Wits Science Stadium | Full Year | С | Lecture | 14:15-16:00 *12Feb-31Dec | | | | |
| BIOL1000A | Introductory Life Sciences | OS1 | Oppenheimer Life Sciences | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec |
| BIOL1000A | Introductory Life Sciences | WSS5 | Wits Science Stadium | Full Year | D | Lecture | | 14:15-16:00 *12Feb- 31Dec | | | |
| BIOL1000A | Introductory Life Sciences | OS1 | Oppenheimer Life Sciences | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec |
| BIOL1006A | Complementary Life Sciences I | WSS3 | Wits Science Stadium | Full Year | В | Lecture | | | | | 14:15-16:00 *12Feb-31Dec |



| BIOL1006A | Complementary Life Sciences I | OS3 | Oppenheimer Life | Full Year | В | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | |
|-----------|----------------------------------|-----|------------------|-----------|---|---------|--------------|--------------|--------------|--------------|
| | | | Sciences | | | | 31Dec | 121 eb-31Dec | 31Dec | |
| BIOL1008A | Molecular and Cellular Biology I | | | Block 4 | В | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 |
| | | | | | | | *09Sep- | *09Sep-31Dec | *09Sep- | *09Sep-31Dec |
| | | | | | | | 31Dec | | 31Dec | |
| BIOL1009A | Principles and Applications of | | | Block 3 | В | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 |
| | Microbiology | | | | | | *15Jul-02Sep | *15Jul-02Sep | *15Jul-02Sep | *15Jul-02Sep |
| BIOL1025A | Life in its Diversity | | | Block 1 | В | Lecture | 08:00-08:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 |
| | | | | | | | *12Feb- | *12Feb-27Mar | *12Feb-27Mar | *12Feb-27Mar |
| | | | | | | | 27Mar | | | |
| BIOL1025A | Life in its Diversity | | | Block 2 | В | Lecture | 08:00-08:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 |
| | | | | | | | *08Apr- | *08Apr-23May | *08Apr-23May | *08Apr-23May |
| | | | | | | | 23May | | | |

| School of Co | School of Computer Science and Applied Mathematics | | | | | | | | | | |
|--------------------|--|-------|---------------------------------|---------------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday |
| APPM1000A | Applied Mathematics (Architecture) | LB146 | Law Building | Semester 1 | A | Lecture | 08:00-09:45 | | | | |
| APPM1004A | Computational Mathematics I (HC) | FNB33 | First National Bank Building | Semester 1 | A | Lecture | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 | |
| APPM1004A | Computational Mathematics I (HC) | FNB33 | First National Bank Building | Semester 1 | С | Lecture | | | 08:00-09:45 | 10:15-12:00 | |
| APPM1004A | Computational Mathematics I (HC) | WSS2 | Wits Science Stadium | Semester 1 | С | Lecture | 14:15-17:00 | | | | |
| APPM1004A | Computational Mathematics I (HC) | WSS5 | Wits Science Stadium | Semester 1 | С | Lecture | | | | | 12:30-13:15 |
| APPM1004A | Computational Mathematics I (HC) | WSS2 | Wits Science Stadium | Semester 1 | D | Lecture | 12:30-13:15 | 14:15-17:00 | | 08:00-09:45 | 10:15-12:00 |
| APPM1004A | Computational Mathematics I (HC) | FNB36 | First National Bank Building | Semester 1 | E | Lecture | 10:15-12:00 | 12:30-13:15 | 14:15-17:00 | | 08:00-09:45 |
| APPM1004A | Computational Mathematics I (HC) | FNB33 | First National Bank Building | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec |
| APPM1005A | Computational Mathematics I (HC) | NCB2 | New Commerce Building | Full Year | PT | Lecture | | | | 17:30-21:00 *12Feb-31Dec | |
| APPM1013A | Biomedical Mathematics | | | Semester 2 | GEN | Lecture | | | | | 08:00-09:45 *15Jul-31Dec |
| APPM1014A | Applied Mathematics (BQ) | | | Semester 2 | GEN | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | |
| APPM1017A | Mathematical Techniques for Planners | | | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec |
| APPM1022A | Introductory Statistics for Construction | FNB33 | First National Bank Building | Full Year | E | Lecture | | 12:30-13:15 *12Feb- 31Dec | | | |



| APPM1022A | Introductory Statistics for Construction | | | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | | | | |
|-----------|---|------------|---------------------------------|---------------|-----|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| APPM1023A | Mathematical Techniques for Planners | | | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | |
| | Part-time | | | | | | | | *15Jul-31Dec | | |
| APPM1024A | Applied Mathematics (Architecture) Part-time | | | Semester 2 | PT | Lecture | | | 17:30-21:00 *15Jul-31Dec | | |
| APPM1026A | Mathematical Methods and Modelling I | | | Full Year | В | Lecture | | | 10:15-12:00 *12Feb-31Dec | | |
| APPM1028A | Mechanics I | CBEH | Central Block Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | | | |
| APPM1029A | Mechanics I (Part-Time) | FNB10 2 | First National Bank Building | Full Year | GEN | Lecture | 17:15-19:00 *12Feb-31Dec | | | | |
| APPM1030A | Scientific Computing I | FNB10 1 | First National Bank Building | Full Year | В | Lecture | | | | | 14:15-17:00 *12Feb-31Dec |
| APPM1031A | Scientific Computing I (Part-Time) | FNB10 2 | First National Bank Building | Full Year | GEN | Lecture | | | | 17:15-21:00 *12Feb-31Dec | |
| APPM2013A | Biomedical Statistics and Numerical Methods | LB143 | Law Building | Semester 2 | E | Lecture | | | | | 08:00-09:45 *15Jul-31Dec |
| APPM2014A | Applied Mathematics IIA | | | Semester 2 | A | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | |
| APPM2014A | Applied Mathematics IIA | | | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | | |
| APPM2017A | Applied Mathematics II | LB145 | Law Building | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | | |
| APPM2019A | Quantitative Methods for Planners II | | | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | | | | |
| APPM2021A | Mathematical Methods & Modelling II | SHB5 | Senate House Building | Full Year | A | Lecture | | 10:15-12:00 *12Feb- 31Dec | | | |
| APPM2022A | Mathematical Methods & Modelling II PT | | | Full Year | PT | Lecture | | 19:00-21:00 *12Feb- 31Dec | | 19:00-21:00 *12Feb-31Dec | |
| APPM2023A | Mechanics II | MPT | DJ Du Plessie Building | Full Year | A | Lecture | | | | 14:15-17:00 *12Feb-31Dec | |
| APPM2024A | Mechanics II (PT) | | | Full Year | PT | Lecture | | 17:15-18:00 *12Feb- 31Dec | | 17:15-18:00 *12Feb-31Dec | |



| APPM2025A | Scientific Computing II | C9 | Humphrey Raikes Building | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | | | | |
|-----------|--|------------|---------------------------------|---------------|----|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|--|
| APPM2026A | Scientific Computing II PT | | | Full Year | PT | Lecture | | 18:00-19:00 *12Feb- 31Dec | | 18:00-19:00 *12Feb-31Dec | |
| APPM3021A | Computational Mathematics | B14 | Biology Building | Semester 1 | С | Lecture | | | 08:00-09:45 | 10:15-12:00 | |
| APPM3036A | Quantitative Methods for Planners | | | Semester 1 | D | Lecture | 12:30-13:15 | | | | |
| APPM3037A | Numerical Methods (Metallurgy) | | | Semester 1 | E | Lecture | 10:15-12:00 *12Feb-30Jun | | | | |
| APPM3038A | Mathematical Methods and Modelling | LB145 | Law Building | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | | | | |
| APPM3039A | Mechanics III | LB143 | Law Building | Full Year | A | Lecture | | 10:15-12:00 *12Feb- 31Dec | | | |
| APPM3040A | Scientific Computing III | LB144 | Law Building | Full Year | A | Lecture | | | | 14:15-17:00 *12Feb-31Dec | |
| COMS1015A | Basic Computer Organisation I | FNB45 | First National Bank Building | Semester 1 | A | Lecture | 08:00-09:45 | | | | |
| COMS1016A | Discrete Computational Structures I | SH6 | Senate House Building | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | | | | |
| COMS1017A | Introduction to Data Structures and Algorithms I | FNB10 2 | First National Bank Building | Semester 2 | A | Lecture | | 10:15-12:00 *15Jul-31Dec | | | |
| COMS1018A | Introduction to Algorithms and Programming I | SH6 | Senate House Building | Semester 1 | A | Lecture | | 10:15-12:00 | | | |
| COMS1019A | Basic Computer Organisation I (Part- time) | | | Semester 1 | PT | Lecture | 17:30-21:00 | | | | |
| COMS1020A | Discrete Computer Structures I (Part- time) | | | Semester 2 | PT | Lecture | | | 17:30-21:00 *15Jul-31Dec | | |
| COMS1021A | Introduction to Data Structures and Algorithms I (Part-time) | | | Semester 2 | PT | Lecture | 17:30-21:00 *15Jul-31Dec | | | | |
| COMS1022A | Introduction to Algorithms and Programming I (Part-time) | | | Semester 1 | PT | Lecture | | | 17:30-21:00 | | |
| COMS1025A | Auxiliary Computer Science and Programming 1A | | | Semester 1 | A | Lecture | 08:00-09:45 | 10:15-12:00 | | | |
| COMS1026A | Auxiliary Computer Science and Programming 1B | | | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | | |
| COMS2002A | Database Fundamentals II | WSS5 | Wits Science Stadium | Semester 1 | В | Lecture | | 08:00-09:45 | | | |
| COMS2004A | Data Structures and Algorithms | FNB37 | First National Bank Building | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | | | | |



| COMS2013A | Mobile Computing II | NCB1 | New Commerce Building | Semester 1 | В | Lecture | | | | | 14:15-16:00 |
|-----------|---|-------|---------------------------------|---------------|----|---------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| COMS2014A | Computer Networks II | | | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | | | |
| COMS2015A | Analysis of Algorithms II | WSS4 | Wits Science Stadium | Semester 2 | В | Lecture | | | | | 14:15-16:00 *15Jul-31Dec |
| COMS2017A | Auxiliary Database Systems II | | | Semester 1 | В | Lecture | | 08:00-09:45 | | | |
| COMS2018A | Database Fundamentals II PT | | | Semester 1 | PT | Lecture | | 17:30-21:00 | | | |
| COMS2019A | Mobile Computing II PT | | | Semester 1 | PT | Lecture | | | | 17:30-21:00 | |
| COMS2020A | Computer Networks II PT | | | Semester 2 | PT | Lecture | | 17:30-21:00 *15Jul-31Dec | | | |
| COMS2021A | Analysis of Algorithms II PT | | | Semester 2 | PT | Lecture | | | | 17:30-21:00 *15Jul-31Dec | |
| COMS3003A | Formal Languages and Automata | FNB47 | First National Bank Building | Semester 1 | С | Lecture | | | | 10:15-12:00 | |
| COMS3005A | Advanced Analysis of Algorithms III | FNB47 | First National Bank Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | | |
| COMS3006A | Computer Graphics and Visualisation | U2 | Umthombo Building | Semester 2 | D | Lecture | | | | | 10:15-12:00 *15Jul-31Dec |
| COMS3007A | Machine Learning III | FNB45 | First National Bank Building | Semester 1 | D | Lecture | | | | | 10:15-12:00 |
| COMS3008A | Parallel Computing III | FNB5 | First National Bank Building | Semester 1 | D | Lecture | | | | 08:00-09:45 | |
| COMS3009A | Software Design III | NCB2 | New Commerce Building | Semester 1 | С | Lecture | | | 08:00-09:45 | | |
| COMS3010A | Operating Systems and System Programming III | FNB47 | First National Bank Building | Semester 2 | С | Lecture | | | | 10:15-12:00 *15Jul-31Dec | |
| COMS3011A | Software Design Project III | U11 | Umthombo Building | Semester 2 | D | Lecture | | | | 08:00-09:45 *15Jul-31Dec | |
| COMS3021A | Formal Languages and Automata III | | | Semester 1 | PT | Lecture | | | 17:30-21:00 | 17:30-21:00 | |
| COMS3022A | Advanced Analysis of Algorithms III | | | Semester 2 | PT | Lecture | | 17:30-21:00 *15Jul-31Dec | 17:30-21:00 *15Jul-31Dec | | |
| COMS3023A | Operating Systems and System Programming III | | | Semester 2 | PT | Lecture | 17:30-21:00 *15Jul-31Dec | | | 17:30-21:00 *15Jul-31Dec | |
| COMS3024A | Machine Learning III | | | Semester 1 | PT | Lecture | | | | 17:30-21:00 | |
| COMS3025A | Computer Graphics and Visualisation | | | Semester 2 | PT | Lecture | | 17:30-21:00 *15Jul-31Dec | | | |
| COMS3026A | Parallel Computing III | | | Semester 1 | PT | Lecture | | 17:30-21:00 | | | |



| COMS3027A | Software Design Project III | Seme 2 | ester | PT | Lecture | | | 17:30-21:00 *15Jul-31Dec | |
|-----------|-----------------------------|-----------|-------|----|---------|-------------|-------------|-----------------------------|--|
| COMS3028A | Software Design III PT | Seme | ester | PT | Lecture | 17:30-21:00 | 17:30-21:00 | | |

| Archaeology | Irchaeology | | | | | | | | | | | | |
|--------------------|--|-------|-------------------|---------------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|--|--|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday | | |
| ARCL1000A | Archaeology I | | | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb- 31Dec | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | | |
| ARCL1001A | Archaeology in Action | | | Semester 1 | D | Lecture | | | | 08:00-09:45 | 10:15-12:00 | | |
| ARCL1002A | African Prehistory in World Context | | | Semester 2 | D | Lecture | | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | |
| ARCL2000A | Approaches to Cognitive Archaeology II | | | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec | | | |
| ARCL2001A | Food Production & Analytical Archaeology II | | | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | | | | |
| ARCL2002A | Archaeology II | | | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | | | | | |
| ARCL3000A | Advanced Prehistory of Southern Africa IIIA | | | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec | | |
| ARCL3001A | Advanced Prehistory of Southern Africa IIIB | | | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | | | |
| ARCL3002A | Archaeology III | | | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | | | | |

| School of Geography, Archaeology and Environmental Studies | | | | | | | | | | | | |
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| Course | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday | |
| Offering | | | | | | | | | | | | |
| ARCL1006A | Fundamentals of Archaeology I | | | Block 1 | D | Lecture | | | | 08:00-09:45 | 10:15-12:00 | |
| | | | | | | | | | | *12Feb-27Mar | *12Feb-27Mar | |
| ARCL1007A | Guide to Human Evolution I | OGS4 | Old Grand Stand Building | Block 1 | D | Lecture | | | | 08:00-09:45 *12Feb-27Mar | 10:15-12:00 *12Feb-27Mar | |
| ARCL1008A | World Hunter-Gatherers I | | | Block 2 | D | Lecture | | | | 08:00-09:45 *08Apr-23May | 10:15-12:00 *08Apr-23May | |



| ARCL1009A | Origins of Civilisations I | | | Block 4 | D | Lecture | | | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec |
|-----------|--|-------|--------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------|
| ARCL1011A | Archaeology I | SHB1 | Senate House Building | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb- 31Dec | | | 10:15-12:00 *12Feb-31Dec |
| ARCL1011A | Archaeology I | OGS1 | Old Grand Stand Building | Full Year | D | Lecture | | | | 08:00-09:45 *12Feb-31Dec | |
| ARCL2004A | Earlier and Middle Stone Age II | | | Block 4 | A | Lecture | 08:00-09:45 *09Sep-31Dec | 10:15-12:00 *09Sep- 31Dec | | | |
| ARCL2005A | Archaeology of the Last 2000 Years II | | | Block 2 | A | Lecture | 08:00-09:45 *08Apr-23May | 10:15-12:00 *08Apr- 23May | | | |
| ARCL2006A | Osteoarchaeology II | | | Block 3 | A | Lecture | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | | | |
| ARCL2007A | Space and Time in Archaeology II | | | Block 1 | A | Lecture | 08:00-09:45 *12Feb-27Mar | 10:15-12:00 *12Feb- 27Mar | | | |
| ARCL2009A | World Rock Art II | | | Block 3 | A | Lecture | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | | | |
| ARCL3003A | Archaeological Data Analysis and Report Writing III | | | Block 4 | В | Lecture | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec | 12:30-13:15 *09Sep- 31Dec | 14:15-17:00 *09Sep-31Dec |
| ARCL3004A | History of Archaeological Thought III | | | Block 1 | В | Lecture | | 08:00-09:45 *12Feb- 27Mar | 10:15-12:00 *12Feb-27Mar | | |
| ARCL3006A | Southern African Rock Art III | | | Block 3 | В | Lecture | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | | |
| ARCL3008A | Archeology of Death III | | | Block 2 | В | Lecture | | 08:00-09:45 *08Apr- 23May | 10:15-12:00 *08Apr-23May | | |
| ARCL3009A | Lithics III | | | Block 2 | В | Lecture | | 08:00-09:45 *08Apr- 23May | 10:15-12:00 *08Apr-23May | | |
| ARCL3011A | Heritage Matters III | | | Block 4 | В | Lecture | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec | | |
| ARCL3012A | Archaeobotany III | | | Block 3 | В | Lecture | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | | |
| GAES2000A | People and the Environment in Africa II | GS101 | Geo Sciences Building | Semester 1 | С | Lecture | | | 08:00-09:45 | | |
| GAES2000A | People and the Environment in Africa II | SHB2 | Senate House Building | Semester 1 | С | Lecture | | | | 10:15-12:00 | |



| GAES2001A | Nature, Climate and Society II | GS101 | Geo Sciences Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | |
|-----------|---|-------|------------------------|---------------|-----|---------|-----------------------------|---------------------------------|--|-----------------------------|-----------------------------|
| GAES3000A | Theory and Practice in Sustainability Science and Sustainable Development III | BP016 | Bernard Price Building | Block 1 | E | Lecture | 10:15-12:00 *12Feb-27Mar | | | | 08:00-09:45 *12Feb-27Mar |
| GAES3001A | Political Ecology and Environmental Justice III | BP016 | Bernard Price Building | Block 4 | E | Lecture | 10:15-12:00 *09Sep-31Dec | | | | 08:00-09:45 *09Sep-31Dec |
| GAES3002A | Communicating Environmental Issues III | | | Block 3 | E | Lecture | 10:15-12:00 *15Jul-02Sep | | | | 08:00-09:45 *15Jul-02Sep |
| GAES3003A | Human Biometeorology III | BP003 | Bernard Price Building | Block 4 | E | Lecture | 10:15-12:00 *09Sep-31Dec | | | | 08:00-09:45 *09Sep-31Dec |
| GAES3004A | Heritage Resources Management III | | | Block 3 | E | Lecture | 10:15-12:00 *15Jul-02Sep | | | | 08:00-09:45 *15Jul-02Sep |
| GAES3005A | Contemporary Environmental Issues in Southern Africa III | | | Block 2 | E | Lecture | 10:15-12:00 *08Apr-23May | | | | 08:00-09:45 *08Apr-23May |
| GAES4001A | Environmental Policy & Practice IV | | | Block 1 | GEN | Lecture | | | 08:00-09:45 *12Feb-27Mar 10:15-11:00 *12Feb-27Mar | | |
| GAES4003A | Research Methods in Environmental Studies IV | | | Semester 1 | В | Lecture | | 08:00-09:45 *12Feb- 30Jun | | | |
| GEOG3033A | Remote Sensing and Photogrammetry III | | | Block 2 | С | Lecture | | | 08:00-09:45 *08Apr-23May | | |
| GEOG3033A | Remote Sensing and Photogrammetry III | | | Block 2 | D | Lecture | | | | | 10:15-12:00 *08Apr-23May |
| GEOG4045A | Disaster Risk and Geohazards IV | | | Block 3 | GEN | Lecture | 09:00-12:00 *15Jul-02Sep | 09:00-12:00 *15Jul-02Sep | | 13:00-15:00 *15Jul-02Sep | |

| School of Cl | chool of Chemistry | | | | | | | | | | | |
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| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday | |
| CHEM1012A | Chemistry I | WSS2 | Wits Science Stadium | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | | | |
| CHEM1012A | Chemistry I | C9 | Humphrey Raikes Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | | |
| CHEM1012A | Chemistry I | C9 | Humphrey Raikes Building | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb- 31Dec | | | 08:00-09:45 *12Feb-31Dec | |



| CHEM1028A | Chemistry (HC) | OS3 | Oppenheimer Life Sciences | Full Year | GEN | Lecture | 12:30-13:15 *12Feb-31Dec 14:15-15:00 *12Feb-31Dec | | 15:15-16:00 *12Feb-31Dec | 14:15-15:00 *12Feb-31Dec | 14:15-15:00 *12Feb-31Dec |
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| CHEM1048A | Chemistry I | | | Full Year | BHSC | Lecture | | | | 14:15-15:00 *12Feb-31Dec | |
| CHEM1048A | Chemistry I | C9 | Humphrey Raikes Building | Full Year | BHSC | Lecture | 16:15-17:00 *12Feb-31Dec | | 15:15-16:00 *12Feb-31Dec | | 12:30-13:15 *12Feb-31Dec |
| CHEM1048A | Chemistry I | U2 | Umthombo Building | Full Year | BPHA | Lecture | | | | | 12:30-13:15 *12Feb-31Dec |
| CHEM1048A | Chemistry I | P114 | Physics Building | Full Year | BPHA | Lecture | 16:15-17:00 *12Feb-31Dec | | 15:15-16:00 *12Feb-31Dec | 14:15-15:00 *12Feb-31Dec | |
| CHEM1049A | Chemistry (Auxiliary) PT | | | Semester 2 | PT | Lecture | | 17:15-21:00 *15Jul-31Dec | 17:15-21:00 *15Jul-31Dec | | |
| CHEM1051A | Engineering Chemistry I | | | Semester 1 | С | Lecture | | | | 10:15-12:00 *12Feb-30Jun | |
| CHEM1051A | Engineering Chemistry I | CB142 | Central Block Building | Semester 1 | С | Lecture | 14:15-16:00 *12Feb-30Jun | | | | 12:30-13:15 *12Feb-30Jun |
| CHEM1051A | Engineering Chemistry I | CB142 | Central Block Building | Semester 1 | D | Lecture | 12:30-13:15 *12Feb-30Jun | | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun |
| CHEM1051A | Engineering Chemistry I | CB142 | Central Block Building | Semester 2 | С | Lecture | 14:15-16:00 *15Jul-31Dec | | | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| CHEM1051A | Engineering Chemistry I | CB142 | Central Block Building | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |
| CHEM1051A | Engineering Chemistry I | CB142 | Central Block Building | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec |
| CHEM1053A | Engineering Chemistry (Part-time) | | | Semester 2 | PT | Lecture | | 17:30-21:00 *15Jul-31Dec | 17:30-21:00 *15Jul-31Dec | | |
| CHEM2001A | Chemistry IIA (Major) | CB117 | Central Block Building | Semester 1 | D | Lecture | 12:30-13:15 | | | 08:00-09:45 | |
| CHEM2001A | Chemistry IIA (Major) | C6 | Humphrey Raikes Building | Semester 1 | D | Lecture | | | | | 10:15-12:00 |
| CHEM2002A | Chemistry IIB (Major) | C6 | Humphrey Raikes Building | Semester 2 | D | Lecture | | | | | 10:15-12:00 *15Jul-31Dec |
| CHEM2002A | Chemistry IIB (Major) | CB117 | Central Block Building | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec | |
| CHEM2007A | Materials Science II | B121 | Biology Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | |
| CHEM2029A | Environmental Chemistry II | | | Block 3 | D | Lecture | 12:30-13:15 *15Jul-02Sep | | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep |



| CHEM2030A | Applied Chemistry II | C6 | Humphrey Raikes Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | |
|-----------|----------------------------------|------|--------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| CHEM2030A | Applied Chemistry II | B121 | Biology Building | Full Year | В | Lecture | | | | | 14:15-17:00 *12Feb-31Dec |
| CHEM3002A | Chemistry IIIA (Major) | C6 | Humphrey Raikes Building | Semester 1 | С | Lecture | 14:15-16:00 | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 |
| CHEM3003A | Chemistry IIIB (Major) | C6 | Humphrey Raikes Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| CHEM3033A | Applied Chemistry IIIA | C312 | Humphrey Raikes Building | Semester 1 | D | Lecture | 12:30-13:15 | 14:15-17:00 | | 08:00-09:45 | 10:15-12:00 |
| CHEM3034A | Applied Chemistry IIIB | C312 | Humphrey Raikes Building | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |
| CHEM3037A | Materials Science III | | | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb- 31Dec | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec |
| CHEM4007A | Analytical Chemistry | C312 | Humphrey Raikes Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | |
| CHEM4008A | Contemporary Topics in Chemistry | C312 | Humphrey Raikes Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | |
| CHEM4009A | Inorganic Chemistry | C312 | Humphrey Raikes Building | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | | |
| CHEM4010A | Organic Chemistry | C312 | Humphrey Raikes Building | Semester 1 | С | Lecture | | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun | |
| CHEM4011A | Physical Chemistry | C312 | Humphrey Raikes Building | Semester 1 | E | Lecture | 10:15-12:00 *12Feb-30Jun | 12:30-13:15 *12Feb- 30Jun | | | |
| CHEM4012A | Research Project: Chemistry | C6 | Humphrey Raikes Building | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | | | 08:00-09:45 *12Feb-31Dec | |

| Geography and Environmental Studies | | | | | | | | | | | | |
|-------------------------------------|------------------------------------|-------|------------------------|-----------|-------|-----------|-----------------------------|---------|-----------|-----------------------------|-----------------------------|--|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday | |
| GEOG1000A | Geography I | SHB5 | Senate House Building | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | | | | 08:00-09:45 *12Feb-31Dec | |
| GEOG1003A | Geography for Planners | | | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | | | | 08:00-09:45 *12Feb-31Dec | |
| GEOG2010A | Earth and Atmospheric Processes II | BP016 | Bernard Price Building | Block 3 | D | Lecture | | | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | |
| GEOG2012A | Environmental Governance: From | BP016 | Bernard Price Building | Block 4 | D | Lecture | | | | 08:00-09:45 | 10:15-12:00 | |



| | Local to Global II | | | | | | | | | *09Sep- 31Dec | *09Sep-31Dec |
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| GEOG2013A | Methods, Models and Geographic Information Systems II | LB144 | Law Building | Block 2 | D | Lecture | | | | | 10:15-12:00 *08Apr-23May |
| GEOG2013A | Methods, Models and Geographic Information Systems II | LB143 | Law Building | Block 2 | D | Lecture | | | | 08:00-09:45 *08Apr-23May | |
| GEOG2014A | Conservation Biogeography II | BP003 | Bernard Price Building | Block 4 | D | Lecture | | | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec |
| GEOG2015A | Thinking Geographically: Concepts and Practices in Human Geography II | LB145 | Law Building | Block 1 | D | Lecture | | | | 08:00-09:45 *12Feb-27Mar | 10:15-12:00 *12Feb-27Mar |
| GEOG3017A | Geographic Information Systems and Remote Sensing III | | | Block 2 | С | Lecture | | | 08:00-09:45 *08Apr-23May | 10:15-12:00 *08Apr-23May | |
| GEOG3019A | Economic Geography III | | | Block 4 | A | Lecture | 08:00-09:45 *09Sep-31Dec | 10:15-12:00 *09Sep- 31Dec | | | |
| GEOG3020A | Climate and Environmental Change III | BP016 | Bernard Price Building | Block 4 | С | Lecture | | | 08:00-09:45 *09Sep-31Dec | 10:15-12:00 *09Sep- 31Dec | |
| GEOG3021A | Advanced Atmospheric Sciences III | | | Block 1 | С | Lecture | | | 08:00-09:45 *12Feb-27Mar | 10:15-12:00 *12Feb-27Mar | |
| GEOG3023A | Theory and Practice in Sustainability Science and Sustainable Development III | | | Block 1 | E | Lecture | 10:15-12:00 *12Feb-27Mar | | 14:15-17:00 *12Feb-27Mar | | 08:00-09:45 *12Feb-27Mar |
| GEOG3024A | Environmental Monitoring and Modelling III | | | Block 3 | С | Lecture | | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | |
| GEOG3025A | Urban Futures: The Political-Economy of Population and Scarcity III | BP001 | Bernard Price Building | Block 2 | A | Lecture | 08:00-09:45 *08Apr-23May | 10:15-12:00 *08Apr- 23May | | | |
| GEOG3026A | Food: Security, Politics and Culture III | BP001 | Bernard Price Building | Block 3 | A | Lecture | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | | | |

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| Course | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday | | |
| GEOL1000A | Geology I | GLT | Geo Sciences Building | Full Year | С | Lecture | 14:15-17:00 *12Feb-31Dec | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | | |
| GEOL1006A | Geology IA | GLT | Geo Sciences Building | Semester 1 | D | Lecture | | 14:15-17:00 *12Feb- 30Jun | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun | | |
| GEOL1007A | Geology IB | | | Semester 2 | В | Lecture | | | | 12:30-13:15 *15Jul-31Dec | | | |



| GEOL1007A | Geology IB | GLT | Geo Sciences Building | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | 14:15-17:00 *15Jul-31Dec |
|-----------|---|-------|------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------|
| GEOL2019A | Geological Mapping Techniques II | BP016 | Bernard Price Building | Semester 1 | С | Lecture | | | | 10:15-12:00 | |
| GEOL2019A | Geological Mapping Techniques II | BP016 | Bernard Price Building | Semester 1 | D | Lecture | | | | 08:00-09:45 | |
| GEOL2020A | Igneous Petrology and Processes II | GS201 | Geo Sciences Building | Block 3 | В | Lecture | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | 12:30-13:15 *15Jul-02Sep | 14:15-17:00 *15Jul-02Sep |
| GEOL2021A | Introduction to Geochemical Techniques II | GS201 | Geo Sciences Building | Semester 2 | С | Lecture | | | | 10:15-12:00 *15Jul-31Dec | |
| GEOL2021A | Introduction to Geochemical Techniques II | H208 | Hillman Building | Semester 2 | D | Lecture | | | | 08:00-09:45 *15Jul-31Dec | |
| GEOL2022A | Metamorphic Petrology and Processes II | GS201 | Geo Sciences Building | Block 4 | В | Lecture | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec | 12:30-13:15 *09Sep- 31Dec | 14:15-17:00 *09Sep-31Dec |
| GEOL2023A | Mineralogy and Optical Mineralogy II | GS201 | Geo Sciences Building | Block 2 | В | Lecture | | 08:00-09:45 *08Apr- 23May | 10:15-12:00 *08Apr-23May | 12:30-13:15 *08Apr-23May | 14:15-17:00 *08Apr-23May |
| GEOL2024A | Sedimentology, Stratigraphy and Palaeontology II | GS201 | Geo Sciences Building | Block 1 | В | Lecture | | 08:00-09:45 *12Feb- 27Mar | 10:15-12:00 *12Feb-27Mar | 12:30-13:15 *12Feb-27Mar | 14:15-17:00 *12Feb-27Mar |
| GEOL2025A | Geology II | GS101 | Geo Sciences Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec |
| GEOL2027A | Geology for Civil Engineers II | SHB4 | Senate House Building | Semester 1 | С | Lecture | 14:15-17:00 *12Feb-30Jun | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun | 12:30-13:15 *12Feb-30Jun |
| GEOL3041A | Tectonics of the Earth III | GS201 | Geo Sciences Building | Block 4 | D | Lecture | 12:30-13:15 *09Sep-31Dec | 14:15-17:00 *09Sep- 31Dec | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec |
| GEOL3042A | Advanced Geological Mapping Techniques III | H208 | Hillman Building | Block 4 | В | Lecture | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec | 12:30-13:15 *09Sep- 31Dec | 14:15-17:00 *09Sep-31Dec |
| GEOL3043A | Advanced Petrology III | GS201 | Geo Sciences Building | Block 2 | D | Lecture | 12:30-13:15 *08Apr-23May | 14:15-17:00 *08Apr- 23May | | 08:00-09:45 *08Apr-23May | 10:15-12:00 *08Apr-23May |
| GEOL3044A | Hydrogeology and Water resource Management III | H208 | Hillman Building | Block 1 | В | Lecture | | 08:00-09:45 *12Feb- 27Mar | 10:15-12:00 *12Feb-27Mar | 12:30-13:15 *12Feb-27Mar | 14:15-17:00 *12Feb-27Mar |
| GEOL3045A | Exploration Methods III | H208 | Hillman Building | Block 2 | В | Lecture | | 08:00-09:45 *08Apr- 23May | 10:15-12:00 *08Apr-23May | 12:30-13:15 *08Apr-23May | 14:15-17:00 *08Apr-23May |
| GEOL3046A | Economic Geology and Ore Petrology III | GS201 | Geo Sciences Building | Block 3 | D | Lecture | 12:30-13:15 *15Jul-02Sep | 14:15-17:00 *15Jul-02Sep | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep |
| GEOL3047A | Structural Geology III | GS201 | Geo Sciences Building | Block 1 | D | Lecture | 12:30-13:15 *12Feb-27Mar | 14:15-17:00 *12Feb- 27Mar | | 08:00-09:45 *12Feb-27Mar | 10:15-12:00 *12Feb-27Mar |



| GEOL3048A | Geographical Information Systems and Remote Sensing III | H208 | Hillman Building | Block 3 | В | Lecture | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | 12:30-13:15 *15Jul-02Sep | 14:15-17:00 *15Jul-02Sep |
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| GEOL3049A | Geology III | GS101 | Geo Sciences Building | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb- 31Dec | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec |
| GEOL3050A | Applied Geology III | P216 | Physics Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec |
| GEOL3051A | Ore Body Modelling | GLT | Geo Sciences Building | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |

| Integrated Sciences for Medical Students | | | | | | | | | | | | |
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| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday | |
| ISMS1000A | Integrated Sciences for Medical Students | WSS3 | Wits Science Stadium | Full Year | GEN | Lecture | 14:15-16:00 *12Feb-31Dec | | | | | |
| ISMS1000A | Integrated Sciences for Medical Students | WSS1 | Wits Science Stadium | Full Year | GEN | Lecture | | 15:15-17:00 *12Feb- 31Dec | | | | |
| ISMS1000A | Integrated Sciences for Medical Students | WSS5 | Wits Science Stadium | Full Year | GEN | Lecture | | | 12:30-15:00 *12Feb-31Dec | | 14:15-16:00 *12Feb-31Dec | |

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|--------------------|------------|-------|---------------------------------|-----------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday |
| MATH1034A | Algebra I | WSS5 | Wits Science Stadium | Full Year | D | Lecture | | | | | 10:15-12:00 *12Feb-31Dec |
| MATH1034A | Algebra I | | | Full Year | D | Lecture | | 14:15-15:00 *12Feb- 31Dec | | | |
| MATH1034A | Algebra I | | | Full Year | E | Lecture | | | 14:15-15:00 *12Feb-31Dec | | |
| MATH1034A | Algebra I | FNB5 | First National Bank Building | Full Year | E | Lecture | | | | | 08:00-09:45 *12Feb-31Dec |
| MATH1036A | Calculus I | | | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | | | | |
| MATH1036A | Calculus I | OS4 | Oppenheimer Life Sciences | Full Year | D | Lecture | | | | 08:00-09:45 *12Feb-31Dec | |
| MATH1036A | Calculus I | OS1 | Oppenheimer Life Sciences | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb- 31Dec | | | |



| MATH1038A | Mathematics (CS) | OS3 | Oppenheimer Life Sciences | Full Year | A | Lecture | 09:00-09:45 *12Feb-31Dec | 10:15-11:00 *12Feb- 31Dec | | | |
|-----------|----------------------------------|-------|------------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| MATH1039A | Mathematics for Property Studies | LB146 | Law Building | Semester 1 | D | Lecture | 12:30-13:15 *12Feb-30Jun | 14:15-15:00 *12Feb- 30Jun | | | |
| MATH1041A | Auxiliary Mathematics I | | | Full Year | В | Lecture | | 08:00-08:45 *12Feb- 31Dec | | | |
| MATH1041A | Auxiliary Mathematics I | OS1 | Oppenheimer Life Sciences | Full Year | В | Lecture | | | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-15:00 *12Feb-31Dec |
| MATH1041A | Auxiliary Mathematics I | U10 | Umthombo Building | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb- 31Dec | 14:15-15:00 *12Feb-31Dec | | 08:00-09:45 *12Feb-31Dec |
| MATH1042A | Engineering Mathematics IA | WSS4 | Wits Science Stadium | Semester 1 | A | Lecture | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb- 30Jun | 12:30-13:15 *12Feb-30Jun | 14:15-16:00 *12Feb-30Jun | |
| MATH1042A | Engineering Mathematics IA | WSS4 | Wits Science Stadium | Semester 1 | В | Lecture | | 08:00-09:45 *12Feb- 30Jun | 10:15-12:00 *12Feb-30Jun | 12:30-13:15 *12Feb-30Jun | 14:15-16:00 *12Feb-30Jun |
| MATH1042A | Engineering Mathematics IA | WSS4 | Wits Science Stadium | Semester 1 | С | Lecture | 14:15-16:00 *12Feb-30Jun | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun | 12:30-13:15 *12Feb-30Jun |
| MATH1042A | Engineering Mathematics IA | WSS4 | Wits Science Stadium | Semester 1 | D | Lecture | 12:30-13:15 *12Feb-30Jun | 14:15-16:00 *12Feb- 30Jun | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun |
| MATH1042A | Engineering Mathematics IA | WSS3 | Wits Science Stadium | Semester 1 | E | Lecture | | | 14:15-16:00 *12Feb-30Jun | | |
| MATH1042A | Engineering Mathematics IA | WSS4 | Wits Science Stadium | Semester 1 | E | Lecture | | 12:30-13:15 *12Feb- 30Jun | | | |
| MATH1042A | Engineering Mathematics IA | WSS1 | Wits Science Stadium | Semester 1 | E | Lecture | 10:15-12:00 *12Feb-30Jun | | | | 08:00-09:45 *12Feb-30Jun |
| MATH1043A | Engineering Mathematics IB | WSS4 | Wits Science Stadium | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-16:00 *15Jul-31Dec | |
| MATH1043A | Engineering Mathematics IB | WSS1 | Wits Science Stadium | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-16:00 *15Jul-31Dec |
| MATH1043A | Engineering Mathematics IB | WSS4 | Wits Science Stadium | Semester 2 | С | Lecture | 14:15-16:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| MATH1043A | Engineering Mathematics IB | WSS4 | Wits Science Stadium | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | 14:15-16:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |
| MATH1043A | Engineering Mathematics IB | WSS1 | Wits Science Stadium | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | 14:15-16:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec |
| MATH1044A | Algebra I (Part-time) | | | Full Year | Ρ | Lecture | | 17:30-21:00 *12Feb- 31Dec | | | |



| MATH1045A | Calculus I (Part-time) | | | Full Year | Р | Lecture | | | | 17:30-21:00 *12Feb-31Dec | |
|-----------|--|------|------------------------------|---------------|----|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| MATH1046A | Engineering Mathematics IA (Part- time) | | | Semester 1 | PT | Lecture | | 17:30-21:00 *12Feb- 30Jun | | 17:30-21:00 *12Feb-30Jun | |
| MATH1047A | Engineering Mathematics IB (Part- time) | | | Semester 2 | PT | Lecture | | 17:30-21:00 *15Jul-31Dec | | 17:30-21:00 *15Jul-31Dec | |
| MATH2001A | Basic Analysis II | NCB4 | New Commerce Building | Semester 1 | E | Lecture | | 12:30-13:15 | | | |
| MATH2001A | Basic Analysis II | OS1 | Oppenheimer Life Sciences | Semester 1 | E | Lecture | | | 14:15-15:00 | | |
| MATH2003A | Differential Equations II | OS4 | Oppenheimer Life Sciences | Semester 2 | E | Lecture | | | 14:15-15:00 *15Jul-31Dec | | |
| MATH2003A | Differential Equations II | P115 | Physics Building | Semester 2 | E | Lecture | | 12:30-13:15 *15Jul-31Dec | | | |
| MATH2007A | Multivariable Calculus | NCB4 | New Commerce Building | Semester 1 | E | Lecture | 10:15-12:00 | | | | |
| MATH2011A | Mathematics II | | | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | | |
| MATH2011A | Mathematics II | | | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | | | | 08:00-09:45 *12Feb-31Dec |
| MATH2014A | Mathematics II | | | Full Year | A | Lecture | | 10:15-12:00 *12Feb- 31Dec | | | |
| MATH2014A | Mathematics II | | | Full Year | D | Lecture | | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec |
| MATH2015A | Abstract Mathematics II | WSS5 | Wits Science Stadium | Semester 2 | E | Lecture | | | | | 08:00-09:45 *15Jul-31Dec |
| MATH2016A | Advanced Analysis II | MPT | DJ Du Plessie Building | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | | | | |
| MATH2019A | Linear Algebra II | | | Semester 1 | E | Lecture | | | | | 08:00-09:45 |
| MATH2023A | Mathematics II (PT) | | | Full Year | PT | Lecture | 17:30-21:00 *12Feb-31Dec | 17:30-21:00 *12Feb- 31Dec | | | |
| MATH2024A | Mathematics II (HC)(PT) | | | Semester 1 | PT | Lecture | 17:30-21:00 *12Feb-30Jun | 17:30-18:15 *12Feb- 30Jun | | | |
| MATH2026A | Mathematics II | | | Semester 1 | В | Lecture | | 08:00-09:45 *12Feb- 30Jun | 10:15-12:00 *12Feb-30Jun | | |
| MATH2027A | Mathematics II (Part-time) | | | Full Year | PT | Lecture | 17:30-21:00 *12Feb-31Dec | 17:30-21:00 *12Feb- 31Dec | | | |



| MATH2028A | Abstract Mathematics II PT | | | Semester 2 | PT | Lecture | 17:30-19:00 *15Jul-31Dec | | | | |
|-----------|---------------------------------------|-------|---------------------------------|---------------|-----|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| MATH2029 | Basic Analysis II PT | | | Semester 1 | PT | Lecture | 17:15-18:00 | | 17:15-18:00 | | |
| MATH2029A | Basic Analysis II PT | | | Semester 1 | PT | Lecture | 17:15-18:00 | | 17:15-18:00 | | |
| MATH2031A | Linear Algebra II PT | | | Semester 1 | PT | Lecture | 18:00-19:00 | | 18:00-19:00 | | |
| MATH2032A | Multivariable Calculus | | | Semester 1 | PT | Lecture | 19:00-21:00 | | 19:00-21:00 | | |
| MATH2033A | Advanced Analysis II PT | | | Semester 2 | PT | Lecture | 19:00-21:00 *15Jul-31Dec | | | | |
| MATH2034A | Mathematics II (Part-time) | | | Semester 1 | GEN | Lecture | | | | 17:30-21:00 | |
| MATH3001A | Number Theory III | FNB36 | First National Bank Building | Semester 1 | В | Lecture | | | | 12:30-13:15 | 14:15-15:00 |
| MATH3003A | Coding and Cryptography III | U11 | Umthombo Building | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | | | |
| MATH3004A | Complex Analysis III | FNB36 | First National Bank Building | Semester 2 | В | Lecture | | | | 12:30-13:15 *15Jul-31Dec | 14:15-15:00 *15Jul-31Dec |
| MATH3006A | Group Theory III | FNB36 | First National Bank Building | Semester 1 | В | Lecture | | | 10:15-12:00 | | |
| MATH3009A | Rings and Fields III | LB146 | Law Building | Semester 2 | В | Lecture | | | 10:15-12:00 *15Jul-31Dec | | |
| MATH3010A | Topology III | LB144 | Law Building | Semester 1 | В | Lecture | | | | 12:30-13:15 | 14:15-15:00 |
| MATH3025A | Mathematical Methods | | | Semester 1 | С | Lecture | | | | 10:15-12:00 | |
| MATH3025A | Mathematical Methods | FNB36 | First National Bank Building | Semester 1 | С | Lecture | | | 08:00-09:45 | | |
| MATH3026A | Mathematical Methods | FNB5 | First National Bank Building | Semester 1 | С | Lecture | | | 08:00-09:45 | 10:15-12:00 | |
| MATH3036A | Mathematical Methods (Industrial III) | | | Semester 1 | A | Lecture | | 10:15-12:00 *12Feb- 30Jun | | | |
| MATH3036A | Mathematical Methods (Industrial III) | C6 | Humphrey Raikes Building | Semester 1 | E | Lecture | 10:15-12:00 *12Feb-30Jun | | | | |
| MATH3047A | Advanced Real Analysis III | FNB5 | First National Bank Building | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | | | |
| MATH3048A | Real Analysis III | FNB36 | First National Bank Building | Semester 1 | В | Lecture | | 08:00-09:45 | | | |
| MATH3049A | Positive Linear Systems III | | _ | Semester 2 | В | Lecture | | | 10:15-12:00 *15Jul-31Dec | | |



| School of Molecular and Cell Biology | | | | | | | | | | | |
|--------------------------------------|--|-------|------------------------------|---------------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday |
| MCBG1000A | Introductory Molecular and Cell Biology | | | Semester 1 | С | Lecture | 14:15-16:00 | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 |
| MCBG1001A | Introductory Molecular and Cell Biology I (Part-time) | P114 | Physics Building | Semester 1 | GEN | Lecture | 17:30-21:00 | | | 17:30-21:00 | |
| MCBG2037A | Molecular and Cell Biology IIC: Applications | OS2 | Oppenheimer Life Sciences | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec | |
| MCBG2038A | Molecular and Cell Biology IIA: Molecular Processes | OS2 | Oppenheimer Life Sciences | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec |
| MCBG2039A | Molecular and Cell Biology IIB: Cells and Organisms | OS2 | Oppenheimer Life Sciences | Full Year | С | Lecture | 14:15-17:00 *12Feb-31Dec | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec |
| MCBG3004A | Biochemistry and Cell Biology III | OS3 | Oppenheimer Life Sciences | Full Year | D | Lecture | | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec |
| MCBG3004A | Biochemistry and Cell Biology III | U2 | Umthombo Building | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb- 31Dec | | | |
| MCBG3014A | Chromosomes and Gene Maps III | | | Semester 1 | С | Lecture | 14:15-17:00 | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 |
| MCBG3014A | Chromosomes and Gene Maps III | | | Semester 2 | С | Lecture | 14:15-17:00 *15Jul-31Dec | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| MCBG3029A | Population Genetics III | | | Semester 1 | С | Lecture | 14:15-19:00 | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 |
| MCBG3033A | Applied Bioinformatics III | GH600 | Gate House Building | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | | |
| MCBG3033A | Applied Bioinformatics III | OS8 | Oppenheimer Life Sciences | Full Year | A | Lecture | | | | 14:15-17:00 *12Feb-31Dec | |
| MCBG3033A | Applied Bioinformatics III | | | Full Year | В | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec | |
| MCBG3033A | Applied Bioinformatics III | | | Full Year | С | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | 12:30-13:15 *12Feb-31Dec | 14:15-17:00 *12Feb-31Dec | |
| MCBG3034A | Genetics and Developmental Biology | | | Full Year | С | Lecture | | | | 10:15-12:00 *12Feb-31Dec | |
| MCBG3034A | Genetics and Developmental Biology | CB15 | Central Block Building | Full Year | С | Lecture | 14:15-17:00 *12Feb-31Dec | | 08:00-09:45 *12Feb-31Dec | | 12:30-13:15 *12Feb-31Dec |
| MCBG3035A | Microbiology and Biotechnology III | CB215 | Central Block Building | Full Year | E | Lecture | | 12:30-13:15 *12Feb- 31Dec | 14:15-17:00 *12Feb-31Dec | | 08:00-09:45 *12Feb-31Dec |
| MCBG3035A | Microbiology and Biotechnology III | U11 | Umthombo Building | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | | | | |



| School of Pl | hysics | | | | | | | | | | |
|--------------------|-------------------------------|-------|------------------------------|---------------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday |
| PHYS1000A | Physics I (Major) | U2 | Umthombo Building | Full Year | В | Lecture | | 08:00-09:45 *12Feb- 31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec | |
| PHYS1000A | Physics I (Major) | P114 | Physics Building | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec |
| PHYS1000A | Physics I (Major) | U1 | Umthombo Building | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec |
| PHYS1001A | Physics I (Auxiliary) | OS4 | Oppenheimer Life Sciences | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- 31Dec | | | |
| PHYS1001A | Physics I (Auxiliary) | U1 | Umthombo Building | Full Year | С | Lecture | | | 08:00-09:45 | 10:15-12:00 | |
| | | | | | | | | | *12Feb-31Dec | *12Feb-31Dec | |
| PHYS1009A | Physics I (R) (H/C) | C9 | Humphrey Raikes Building | Full Year | GEN | Lecture | 15:15-16:00 *12Feb-31Dec | | | | |
| PHYS1009A | Physics I (R) (H/C) | NCB3 | New Commerce Building | Full Year | GEN | Lecture | | | | | 14:15-15:00 *12Feb-31Dec |
| PHYS1009A | Physics I (R) (H/C) | WSS5 | Wits Science Stadium | Full Year | GEN | Lecture | 12:30-13:15 *12Feb-31Dec | 16:15-17:00 *12Feb- 31Dec | | | |
| PHYS1009A | Physics I (R) (H/C) | WSS4 | Wits Science Stadium | Full Year | GEN | Lecture | | | | 12:30-13:15 *12Feb-31Dec | |
| PHYS1024A | Physics I | OS1 | Oppenheimer Life Sciences | Full Year | GEN | Lecture | 15:15-16:00 *12Feb-31Dec | 15:15-16:00 *12Feb- 31Dec | | | |
| PHYS1024A | Physics I | C9 | Humphrey Raikes Building | Full Year | GEN | Lecture | | | | | 14:15-15:00 *12Feb-31Dec |
| PHYS1024A | Physics I | U1 | Umthombo Building | Full Year | GEN | Lecture | | | | 12:30-13:15 *12Feb-31Dec | |
| PHYS1025A | Physics I | WSS3 | Wits Science Stadium | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | |
| PHYS1026A | Introduction to Astronomy I | B121 | Biology Building | Semester 1 | С | Lecture | | | 08:00-09:45 | 10:15-12:00 | |
| PHYS1027A | Modern Astrophysics I | B121 | Biology Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | |
| PHYS1031A | Physics 1 (Q,R)(HC) Part-time | | | Semester 1 | PT | Lecture | | 17:30-21:00 | 17:30-21:00 | | |
| PHYS1032A | Engineering Physics IA | WSS1 | Wits Science Stadium | Semester 1 | A | Lecture | | | 12:30-13:15 *12Feb-30Jun | | |



| PHYS1032A | Engineering Physics IA | WSS3 | Wits Science Stadium | Semester 1 | A | Lecture | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb- 30Jun | | | |
|-----------|------------------------|-------|------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| PHYS1032A | Engineering Physics IA | WSS3 | Wits Science Stadium | Semester 1 | В | Lecture | | | 10:15-12:00 *12Feb-30Jun | | |
| PHYS1032A | Engineering Physics IA | WSS1 | Wits Science Stadium | Semester 1 | В | Lecture | | 08:00-09:45 *12Feb- 30Jun | | 12:30-13:15 *12Feb-30Jun | |
| PHYS1032A | Engineering Physics IA | WSS1 | Wits Science Stadium | Semester 1 | С | Lecture | | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun | 12:30-13:15 *12Feb-30Jun |
| PHYS1032A | Engineering Physics IA | WSS1 | Wits Science Stadium | Semester 1 | D | Lecture | 12:30-13:15 *12Feb-30Jun | | | 08:00-09:45 *12Feb-30Jun | 10:15-12:00 *12Feb-30Jun |
| PHYS1032A | Engineering Physics IA | WSS3 | Wits Science Stadium | Semester 1 | E | Lecture | 10:15-12:00 *12Feb-30Jun | | | | 08:00-09:45 *12Feb-30Jun |
| PHYS1032A | Engineering Physics IA | WSS1 | Wits Science Stadium | Semester 1 | E | Lecture | | 12:30-13:15 *12Feb- 30Jun | | | |
| PHYS1033A | Engineering Physics IB | WSS1 | Wits Science Stadium | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | |
| PHYS1033A | Engineering Physics IB | CB142 | Central Block Building | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | |
| PHYS1033A | Engineering Physics IB | WSS1 | Wits Science Stadium | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| PHYS1033A | Engineering Physics IB | WSS1 | Wits Science Stadium | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |
| PHYS1033A | Engineering Physics IB | WSS4 | Wits Science Stadium | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec |
| PHYS1034A | Applied Physics I | CB142 | Central Block Building | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | | |
| PHYS1034A | Applied Physics I | WSS4 | Wits Science Stadium | Semester 2 | В | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | | |
| PHYS1034A | Applied Physics I | P115 | Physics Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | |
| PHYS1034A | Applied Physics I | CB241 | Central Block Building | Semester 2 | D | Lecture | | | | 08:00-09:45 *15Jul-31Dec | |
| PHYS1034A | Applied Physics I | CB38 | Central Block Building | Semester 2 | D | Lecture | | | | | 10:15-12:00 *15Jul-31Dec |
| PHYS1034A | Applied Physics I | CB241 | Central Block Building | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | | | | |
| PHYS1034A | Applied Physics I | CB38 | Central Block Building | Semester 2 | E | Lecture | | | | | 08:00-09:45 *15Jul-31Dec |



| PHYS1035A | Applied Physics (Part-time) | | | Semester 2 | PT | Lecture | 17:30-21:00 *15Jul-31Dec | | | | |
|-----------|--|-------|------------------------|---------------|-----|---------|-----------------------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------|
| PHYS1037A | Engineering Physics IA (Part-time) | | | Semester 1 | PT | Lecture | 17:30-21:00 *12Feb-30Jun | | 17:30-21:00 *12Feb-30Jun | | |
| PHYS1038A | Engineering Physics IB PT | | | Semester 2 | PT | Lecture | 17:30-21:00 *15Jul-31Dec | | 17:30-21:00 *15Jul-31Dec | | |
| PHYS2001A | Physics IIA (Major) | CB215 | Central Block Building | Semester 1 | С | Lecture | | | 08:00-09:45 | 10:15-12:00 | |
| PHYS2001A | Physics IIA (Major) | SHB2 | Senate House Building | Semester 1 | С | Lecture | | | | | 12:30-13:15 |
| PHYS2002A | Physics IIB (Major) | GS201 | Geo Sciences Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | | |
| PHYS2002A | Physics IIB (Major) | SHB1 | Senate House Building | Semester 2 | С | Lecture | | | | | 12:30-13:15 *15Jul-31Dec |
| PHYS2002A | Physics IIB (Major) | | | Semester 2 | С | Lecture | | | | 10:15-12:00 *15Jul-31Dec | |
| PHYS2007A | Physics II (Electrical) | P115 | Physics Building | Semester 1 | E | Lecture | 10:15-12:00 | | | | 08:00-09:45 |
| PHYS2014A | Physics II (Electrical) Part-time | | | Semester 2 | PT | Lecture | | | | 17:30-21:00 *15Jul-31Dec | |
| PHYS2015A | Mod Radio and Gammaray Astro II | P114 | Physics Building | Block 4 | D | Lecture | 12:30-13:15 *09Sep-31Dec | | | 08:00-09:45 *09Sep- 31Dec | 10:15-12:00 *09Sep-31Dec |
| PHYS2016A | Relativity: The Basis of Cosmology and Astrophysics II | P114 | Physics Building | Block 3 | D | Lecture | 12:30-13:15 *15Jul-02Sep | | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep |
| PHYS3000A | Quantum Mechanics III | P216 | Physics Building | Block 1 | E | Lecture | 10:15-12:00 *12Feb-27Mar | 12:30-13:15 *12Feb- 27Mar | | | 08:00-09:45 *12Feb-27Mar |
| PHYS3001A | Quantum Mechanics and its Applications III | P216 | Physics Building | Block 4 | E | Lecture | 10:15-12:00 *09Sep-31Dec | 12:30-13:15 *09Sep- 31Dec | | | 08:00-09:45 *09Sep-31Dec |
| PHYS3002A | Statistical Physics III | P216 | Physics Building | Block 2 | E | Lecture | 10:15-12:00 *08Apr-23May | 12:30-13:15 *08Apr- 23May | | | 08:00-09:45 *08Apr-23May |
| PHYS3003A | Waves and Modern Optics | P216 | Physics Building | Block 3 | E | Lecture | 10:15-12:00 *15Jul-02Sep | 12:30-13:15 *15Jul-02Sep | | | 08:00-09:45 *15Jul-02Sep |
| PHYS3004A | Introduction to Geophysics | B121 | Biology Building | Block 4 | E | Lecture | 10:15-12:00 *09Sep-31Dec | 12:30-13:15 *09Sep- 31Dec | 14:15-17:00 *09Sep-31Dec | | 08:00-09:45 *09Sep-31Dec |
| PHYS3006A | Advanced Experimental Physics and Project | | | Full Year | E | Lecture | | | 14:15-17:00 *12Feb-31Dec | | |
| PHYS3006A | Advanced Experimental Physics and Project | | | Full Year | GEN | Lecture | | | 14:15-17:00 *12Feb-31Dec | | |



| PHYS3007A | Relativity: The Basis of Cosmology and Astrophysics III | | | Block 3 | D | Lecture | 12:30-13:15 *15Jul-02Sep | | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep |
|-----------|---|------|------------------|---------------|---|---------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| PHYS3010A | Advanced Astrophysics III | P216 | Physics Building | Semester 1 | С | Lecture | | 08:00-09:45 | 10:15-12:00 | 12:30-13:15 |
| PHYS3011A | Cosmology: The Origin and Evolution of the Universe III | P216 | Physics Building | Semester 2 | С | Lecture | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |

| School of Statistics and Actuarial Science | | | | | | | | | | | |
|--|--------------------------------|-------|---------------------------------|---------------|-------|-----------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Course Offering | Title | Venue | Venue Description | Session | Class | Component | Monday | Tuesday | Wednesday | Thursday | Friday |
| STAT1000A | Business Statistics I (HC) | NCB1 | New Commerce Building | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | |
| STAT1000A | Business Statistics I (HC) | | | Semester 2 | A | Lecture | | | | 14:15-17:00 *15Jul-31Dec | |
| STAT1000A | Business Statistics I (HC) | | | Semester 2 | С | Lecture | 14:15-17:00 *15Jul-31Dec | | | | |
| STAT1000A | Business Statistics I (HC) | NCB1 | New Commerce Building | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
| STAT1000A | Business Statistics I (HC) | WSS2 | Wits Science Stadium | Semester 2 | D | Lecture | | | | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec |
| STAT1000A | Business Statistics I (HC) | | | Semester 2 | D | Lecture | 12:30-13:15 *15Jul-31Dec | 14:15-17:00 *15Jul-31Dec | | | |
| STAT1000A | Business Statistics I (HC) | NCB2 | New Commerce Building | Semester 2 | E | Lecture | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | | 08:00-09:45 *15Jul-31Dec |
| STAT1000A | Business Statistics I (HC) | | | Semester 2 | E | Lecture | | | 14:15-17:00 *15Jul-31Dec | | |
| STAT1001A | Business Statistics I (HC) | | | Full Year | PT | Lecture | | | | 17:30-21:00 *12Feb-31Dec | |
| STAT1002A | Actuarial Science I (HC) | NCB3 | New Commerce Building | Full Year | С | Lecture | 14:15-17:00 *12Feb-31Dec | | | 11:15-12:00 *12Feb-31Dec | |
| STAT1003A | Mathematical Statistics I (HC) | NCB3 | New Commerce Building | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-11:00 *12Feb-31Dec | 12:30-13:15 *12Feb-31Dec |
| STAT1004A | Business Statistics I (HC) | | | Semester 1 | A | Lecture | 08:00-09:45 | | 12:30-13:15 | | |
| STAT1004A | Business Statistics I (HC) | FNB5 | First National Bank Building | Semester 1 | A | Lecture | | 10:15- 12:00 | | | |
| STAT2005A | Mathematical Statistics II | | | Full Year | D | Lecture | | | | | 10:15-12:00 *12Feb-31Dec |
| STAT2005A | Mathematical Statistics II | NCB2 | New Commerce Building | Full Year | D | Lecture | 12:30-13:15 *12Feb-31Dec | 14:15-15:00 *12Feb- 31Dec | | 08:00-09:45 *12Feb-31Dec | |



| STAT2008A | Actuarial Science II | NCB3 | New Commerce Building | Full Year | A | Lecture | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb- | 12:30-13:15 *12Feb-31Dec | 14:15-15:00 *12Feb-31Dec | |
|-----------|---|------------|---------------------------------|---------------|---|---------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|
| | | | | | | | | 31Dec | | | |
| STAT2012A | Introduction to Mathematical Statistics | WSS2 | Wits Science Stadium | Semester 2 | E | Lecture | | 12:30-13:15 *15Jul-31Dec | 14:15-15:00 *15Jul-31Dec | | |
| STAT2013A | Basic Statistics for the Natural Sciences II | FNB37 | First National Bank Building | Semester 1 | A | Lecture | 08:00-09:45 | | 12:30-13:15 | | |
| STAT2013A | Basic Statistics for the Natural Sciences II | | | Semester 1 | A | Lecture | | | | 14:15-16:00 | |
| STAT3008A | Actuarial Science III | | | Full Year | E | Lecture | | | | | 08:00-09:45 *12Feb-31Dec |
| STAT3008A | Actuarial Science III | CLM10 2 | CLM Building | Full Year | E | Lecture | 10:15-12:00 *12Feb-31Dec | 12:30-13:15 *12Feb- 31Dec | 14:15-17:00 *12Feb-31Dec | | |
| STAT3010A | Life Contingencies III | | | Semester 1 | E | Lecture | 10:15-12:00 | | | | |
| STAT3015A | Actuarial Economics | | | Full Year | E | Lecture | | 12:30-13:15 *12Feb- 31Dec | 14:15-17:00 *12Feb-31Dec | | |
| STAT3017A | Mathematical Statistics III | CLM10 2 | CLM Building | Full Year | С | Lecture | | | | | 12:30-13:15 *12Feb-31Dec |
| STAT3017A | Mathematical Statistics III | NCB4 | New Commerce Building | Full Year | С | Lecture | 15:15-17:00 *12Feb-31Dec | | | | |
| STAT3017A | Mathematical Statistics III | | | Full Year | С | Lecture | | | 08:00-09:45 *12Feb-31Dec | 10:15-12:00 *12Feb-31Dec | |
| STAT3021A | Computers and Communication for Actuaries III | | | Full Year | E | Lecture | | | | | 08:00-09:45 *12Feb-31Dec |
| STAT3029A | Engineering Statistics | FNB45 | First National Bank Building | Semester 2 | A | Lecture | 08:00-09:45 *15Jul-31Dec | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec | | |
| STAT3030A | Actuarial Reserving Techniques III | | | Semester 2 | E | Lecture | 10:15-12:00 | | | | |
| | | | | | | | *15Jul-31Dec | | | | |
| STAT3031A | Multivariate Data Analysis III | | | Semester 2 | С | Lecture | | | 08:00-09:45 *15Jul-31Dec | | |
| STAT3032A | Risk Theory III | | | Semester 1 | С | Lecture | | | | | 12:30-13:15 |
| STAT3033A | Statistical Elements of Machine Learning III | CLM10 2 | CLM Building | Semester 2 | С | Lecture | 15:15-17:00 *15Jul-31Dec | | | | |
| STAT3034A | Stochastic Processes III | | | Semester 1 | С | Lecture | | | | 10:15-12:00 | |
| STAT3035A | Survival Analysis III | | | Semester 1 | С | Lecture | | | 08:00-09:45 | | |



| STAT3036A | Time Series III | | | Semester 2 | С | Lecture | | | 10:15-12:00 *15Jul-31Dec | 12:30-13:15 *15Jul-31Dec |
|-----------|--|-------|--------------|---------------|---|---------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| STAT3037A | Introduction to Spatial Statistics III | | | Block 3 | С | Lecture | 14:15-17:00 *15Jul-02Sep | 08:00-09:45 *15Jul-02Sep | 10:15-12:00 *15Jul-02Sep | 12:30-13:15 *15Jul-02Sep |
| STAT4114A | Statistical Research Design and Analysis (CW) | LB146 | Law Building | Semester 1 | С | Lecture | 14:15-17:00 *12Feb-30Jun | | | |
| STAT7063A | Statistical Research Design and Analysis (CW) | | | Semester 1 | С | Lecture | 14:15-17:00 *12Feb-30Jun | | | |