



AIMS

African Institute for
Mathematical Sciences
SOUTH AFRICA



Student Handbook

Please note: AIMS South Africa is a non-smoking and alcohol free campus.



AIMS

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Mathematical Sciences
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African Institute for Mathematical Sciences South Africa

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Key Contacts

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*Contact Igsaan for any concerns
about your office environment,
issues with accommodation or any
other facility related enquiries.*

**Jan Groenewald**

IT Manager
(Room 110, Main Building)

*Contact the IT team for any
problems with computers,
printing, or programmes. Submit
your request to help@aims.ac.za, or
mail jan@aims.ac.za for help with
scientific software at AIMS South
Africa.*

Note from the Centre Director

Welcome to AIMS South Africa.

As you commence your journey at AIMS South Africa I urge you to leverage the unique education you will receive at this institution to become worthy ambassadors and to utilise every one of the opportunities offered you. AIMS will equip you with the skills to tackle Africa's challenges, but your networking and assiduity will open doors to life-changing opportunities. Good luck!

This student guide should provide you with all the information you need but please do not hesitate to contact a member of staff should you require any further assistance.

Dr Ulrich Paquet
Director, AIMS South Africa



About AIMS

Founded in 2003 in South Africa and later replicated in Senegal, Ghana, Cameroon and Rwanda under the framework of the Next Einstein Initiative, AIMS is feeding the STEM pipeline by training African students for a Master's in Mathematical Sciences, including a co-operative option with a direct link to industry.

The network also offers research programs, with 90 researchers currently conducting studies under the tutelage of prestigious Research Chairs across the network. In addition to a gender-responsive Teacher Training Program currently implemented in Cameroon and Rwanda, AIMS equally created two critical initiatives: Quantum Leap Africa to prepare the continent for the coming quantum revolution and the Next Einstein Forum to propel Africa on to the global scientific stage.

About AIMS South Africa

Since AIMS South Africa opened in 2003, 967 students, of which 35% are women, from 41 different African countries have graduated from its core academic programme.

AIMS South Africa has local association with the Universities of Cape Town (UCT), Stellenbosch (SU) and the Western Cape (UWC) who award the AIMS Master's Degree, and international association with the Universities of Cambridge, Oxford and Paris-Sud.

“ We should not underestimate the value of this feeling that AIMS is an institute in which we are all learning and teaching together with the common goal of sharing our knowledge and experiences with each other. ”



AIMS South Africa offers:

- An intensive one-year structured Master's in Mathematical Sciences with intakes in August and January. A new Master's stream, AI for Science, will be introduced in August 2023.
- Specialised courses as part of regular postgraduate programmes at South African universities.
- The AIMS-ESMT Industry Immersion Programme
- A well-established research centre which hosts regular workshops and conferences.
- Professional development programmes for teachers.
- Public engagement activities.



Code of Conduct

Welcome to AIMS South Africa! We are committed to providing a safe, clean and comfortable environment within which we can all work and study comfortably. All members of the AIMS community including lecturers, staff and students will be treated with consideration and respect at all times. It is the responsibility of all to help build a supportive atmosphere so that everyone feels at ease and at home.

We have developed some simple rules which are designed to ensure the safety of all and the smooth running of our Centre of Excellence. We ask everyone at AIMS to obey these rules and to report all violations. We take such reports very seriously as these violations endanger the success of the Institute. If necessary, we will ask persistent violators to leave the institute. Of course, we hope that this will not be necessary. We welcome all constructive suggestions which seek to improve the rules without compromising the quality of the AIMS environment or the personal respect shown to everyone living and working at AIMS.

BASIC RULES

- **Students, faculty, visitors and staff of AIMS are treated with equal respect regardless of gender, sexual orientation, culture, race, or religion.**
- **Everyone at AIMS must abide by South African law at all times.**
- **Each student is responsible for the cleanliness and good care of their own room, bedding and furniture, as well as for the care of all of the communal equipment and facilities.**

General Prohibitions:

Harassment:

- Harassment (of any form) in the institute will not be permitted or condoned and shall be dealt with through a disciplinary process.
- Male students are not allowed in the female students' residential wing.
- Female students are not allowed in the male students' residential wing.
- Offensive images are not to be displayed anywhere in the AIMS building.
- Everyone has a right to their personal space and to be left alone should they wish to be.

Visitors:

- No outside visitors are to be allowed into the building above the ground floor without permission from AIMS staff.
- Students who receive authorised visitors are responsible for their behaviour in the Institute.
- No visitors are permitted to stay overnight in the AIMS building or tutor/researcher residences
- Alcohol, smoking, drugs, weapons:
- No alcohol is permitted anywhere in the AIMS facility.
- No smoking except in the parking area.
- No illegal drugs anywhere in the AIMS facility.
- No guns or other dangerous weapons anywhere in the AIMS facility.

Fire prevention:

- No matches or candles in rooms.
- No cooking in rooms.
- No heaters in rooms.

Games:

- Ball games are not permitted anywhere in the AIMS facility (apart from the dedicated games room).

Plagiarism:

Each AIMS student is bound by the regulations of the university at which he or she is registered (Cape Town, the Western Cape or Stellenbosch). Although the three codes differ slightly they are in essence the same. All AIMS students (and staff) subscribe to the internationally accepted principles and practice of academic ethics. Paramount is the serious and formal treatment of plagiarism. Plagiarism may be summarised as the use of ideas of others without due acknowledgement. As the academic equivalent of theft, it will not be tolerated. This applies to all material: assignments, presentations and research dissertations. Another student's work may not be copied without acknowledgement. Material from the web, like an image, may not be included in a presentation without acknowledgement. Web information must be acknowledged in all assignments. The work of others may not be included in your own documents without acknowledgement. The seriousness with which we take plagiarism is reflected in its formal treatment: after appropriate warning, university action may result in expulsion.

The unauthorised use of the AIMS logo and stationery is prohibited. Forging of AIMS official documents is prohibited.

References:

References are normally obtained from the Academic Director, who writes on average three references for each student whilst they are at AIMS. Please do not ask lecturers to write references, unless perhaps you give a presentation in their course. Academic references are either open or confidential. Open references are written to be read by anyone, including the candidate, and so state simple fact, seldom opinion. A confidential reference, more usual for academic purposes, is submitted directly to the requesting organisation and not via the candidate.

Attendance and punctuality:

Students are expected to be prompt, and appropriately dressed for classes. Being on time is a sign of respect for the lecturer. AIMS is based on a close academic relationship between lecturers, tutors and students; please don't abuse it by showing disrespect for the lecturer in any way. Clothing appropriate for the beach is not appropriate for class. Footwear is required. The building hosts visitors, often press with cameras, regularly and often unexpectedly. Please make sure you are presentable at all times in the public areas of the building. Mobile phones may not be used during lectures.

Dress code:

The dress code at AIMS is casual, however AIMS often has visitors and you are asked to be neat and tidy in AIMS public spaces and ensure that your feet are covered.

Please make sure your footwear is clean before entering the building. There is a water outlet in the car park for the use of people coming from the beach, who should wash sand off and then enter via the rear entrance.

Medical cover :

AIMS provides medical cover through Momentum Health for Taught Masters, Research Masters, PhD students and students on the AIMS-ESMT Programme for the term of their studies/program. Students are liable for all medical costs incurred that are not covered by Momentum Health.

Chronic or special health conditions:

Students are requested to inform the Facilities Manager and the AIMS administration of any health conditions which may require ongoing or specialised medical treatment during their stay at AIMS.

Student wellness :

As registered students at the three local Universities, University of Cape Town (UCT), University of the Western Cape (UWC) and Stellenbosch University (SU), AIMS Taught Masters, Research Masters and PhD students have access to counselling services offered by these Universities.



Care of equipment and the AIMS facility:

- Everything we use at AIMS has been provided by donors to whom we are directly accountable. Any misuse or damage of this equipment will seriously jeopardize the future of the Institute. All furniture and furnishings, equipment and books must be treated with the greatest care and respect.
- Posters may be fixed to walls ONLY if Prestik is used. NEVER use tape or glue to fix anything on the wall, since this will damage the paintwork.
- No nails or screws should be used on walls, doors, cupboards or furniture. If something needs fixing, tell the facilities manager.
- When using the toilets, showers and bathrooms, always leave them in the condition you would like to find them in, i.e. clean and tidy.
- Everyone at AIMS is responsible for ensuring there is no litter about the building.
- Personal property and valuables should be kept in your rooms when not in use. The facilities department can store items for you.

Noise:

Playing of music is permitted providing that it does not disturb anyone else who may be trying to study, sleep or engage in discussions or tutorials. If your music disturbs any of these activities, it must be turned down. The neighbours must not be disturbed. AIMS must build a reputation as an excellent neighbour.

Computers:

- No-one (other than AIMS students, staff, lecturers or official visitors) is allowed to use the AIMS computers, printers or photocopiers without permission from the Institute Director or the Facility Manager.
- No use of computers, printers or other equipment for viewing, downloading or printing offensive material.
- No food or drink in the computer laboratories.
- AIMS equipment may not be moved without approval of AIMS staff.
- The privacy of others should not be abused e.g. by attempting to copy or interfere with their computer files or email without their permission.
- Use of the AIMS equipment for private commercial purposes is not allowed under any circumstances.
- Do not leave clothing, notes & possessions in the computer labs.
- There may be no permanent occupation of a desk in a shared space.

Free photocopying, printing and internet use:

We encourage you to make good use of the AIMS facilities whilst you are here. The use of the photocopier, printers and the internet will initially be free, but we may impose quotas for free use of these facilities. AIMS has to pay for everything you use, so we ask you not to waste resources but to use them sparingly. For example, you should not photocopy or print books or very large documents. Please obtain staff approval before photocopying or printing documents of over 30 pages.

Library:

- In order to ensure that all the library books are available at all times, we have decided not to allow borrowing but instead to allow free copying of pages from library books. If you wish to read a section of a library book in your own room, please photocopy that section and take the copy with you. We want you to make the most of this facility, but please do not copy more than 30 pages without first seeking staff approval.
- The rules on photocopying sections of library books are displayed above the photocopier.
- All library books to be well treated and kept in excellent condition– no folding of pages, writing in books (even in pencil), or any other abuse.
- No food or drink in the library.

Telephone and Offices:

Only AIMS staff and people working for AIMS may use the office facilities including telephones. There are public telephones near the laundry downstairs.

Disruption of classes:

No disruption of classes, meetings or any other activity at AIMS, unless such conduct is reasonably directed toward the exercise of the right to assemble, to demonstrate, to picket and to present petitions, peacefully and unarmed.

Disciplinary Procedure:

A disciplinary committee comprising the Facilities Manager, the Institute Director, the Academic Director and a student representative will be convened to consider all violations of the above rules or any persistently antisocial behaviour. A student being accused of such violations or behaviour may ask another student to give evidence or to speak on their behalf. The disciplinary committee will be empowered to take disciplinary action and in the very last resort, to ask the student to leave AIMS.

Grievance Procedure:

If any student has a grievance against another student, or any member of the AIMS staff, the first step is to report this grievance to member of AIMS staff. If the response is felt to be unsatisfactory, the student may then take the matter up with the Facilities Manager or the Institute Director. If the matter is still not resolved, a student may then ask for a grievance committee to be convened consisting of the Facility Manager, the Academic Director, the Institute Director, and a student representative. Should either the Facility Manager or the Institute Director be directly involved in the grievance, a member of the AIMS Council will be asked to join the grievance committee. This committee will be empowered to make a decision as to whether or not the grievance is just and to take appropriate action.

Voluntary assistance:

All AIMS students are encouraged to assist the AIMS staff and the broader AIMS community wherever possible. This may take the form of help with the running of the AIMS facility or the administration of events such as workshops and conferences (which are held regularly at AIMS).



Programmes at AIMS South Africa

AIMS Master's in Mathematical Sciences

This is an intensive one-year postgraduate course which is taught outstanding international lecturers and formally accredited by the Universities of Cape Town, Stellenbosch and the Western Cape. The programme is taught in association with the faculty of the Universities of Cambridge, Oxford and Paris Sud XI. There are two intakes each year, in August and January.

Application: Potential students can apply online. Applicants should hold (or be completing), a 4-year university degree in mathematics, or any science or engineering subject with a significant mathematics component. Full bursaries are awarded to successful applicants.

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BSc (Honours) In Mathematics with a focus In Biomathematics

This is an annual course run in conjunction with Stellenbosch University and commences in January each year. The course aims to train mathematicians to formulate and analyse precise models for experimental data arising from real-life research problems within the fields of biology and medicine - from predicting the influence of HIV/ AID, malaria and tuberculosis to the effects of climate change on South Africa.

AIMS-ESMT Industry Immersion Programme

The program provides an opportunity for AIMS alumni and students who have an interest in pursuing a career in industry to participate in a 20-week structured program which includes a 12-week internship with an industry partner, as well as courses tailored to work in industry.

The program is done in partnership with the European School of Management and Technology (ESMT Berlin) and is supported by the German Federal Ministry for Economic Cooperation (BMZ) through the German Academic Exchange Service (DAAD).

Research Centre

AIMS is contributing to Africa's transformation by supporting outstanding research in the mathematical sciences with emphasis on those areas that promote development and prosperity in Africa. The AIMS research environment encourages research freedom, with researchers conducting research that will impact humanity; support local and global strategic-driven initiatives; and forecast and respond to emerging challenges and opportunities.

The mission of the Research Centre is to conduct and foster outstanding research and learning in the mathematical sciences, thus contributing to the next generation of pan-African leaders in many spheres and the advancement of African science and academia within a multicultural environment.

The Research Centre offers Doctoral and Master's bursaries for research study under the supervision of our researchers. There are also fellowships available to a variety of visiting researchers.

The overarching theme of the Research Centre is "Mathematical Modelling in a Multi-disciplinary context", with a special focus on data analysis and computation. Two important themes, Mathematics for Development and AIMS as a Doctoral Training Centres, cut across each of the research focus areas.

The Research Centre hosts research chairs, resident researchers, postdoctoral fellows, PhD and Research Master's students. It can accommodate an additional eight visiting researchers.



RESEARCH FOCUS AREAS

- Cosmology & Astrophysics
- Mathematical & Physical Biosciences
- Mathematical Finance
- Mathematical Foundations & Scientific Computing
- Data Science & Information System (including Climate Science)

Workshops and Conferences

AIMS South Africa contributes to regional and national research activities by hosting or co-hosting short courses and workshops in various mathematical fields including: Epidemiological Modelling, Financial Mathematics, Computational Mathematics, Biomathematics, Cosmology and Data Science. For more information please visit <https://aims.ac.za/research/workshops-conferences>

Public Engagement

AIMS South Africa is committed to increasing the pipeline of students progressing into secondary and tertiary mathematics education, and to decreasing the failure or drop-out rate of mathematics students at all levels. Through new approaches, the use of technology and updated curricula, AIMS South Africa is focusing on strengthening teacher capacity and reaching as many students as possible through the AIMS Schools Enrichment Programme (AIMSSEC).

The AIMS House of Science is the coordination hub of AIMS South Africa's public engagement activities. Delivering public engagement and advancing leadership, knowledge and skills for scientific outreach and science communication for AIMS students and researchers. House of Science also provides mentoring and capacity building to enhance and up-scale AIMS students and researchers in research dissemination and community outreach.

For more information please visit <https://aims.ac.za/public-engagement/>



AIMSSEC

AIMSSEC is a schools mathematics enrichment programme offering free learning resources for learners of ages from 5 to 18+ years together with professional development courses for teachers. The objectives of the AIMSSEC programme are the extension of educational opportunities for disadvantaged communities in South Africa, the introduction of new skills to the teaching and learning of mathematics and the raising of standards. For more information please visit <http://aimssec.aims.ac.za>

AIMS House of Science

The objective of this programme are to:

- To build capacity and train AIMS students, researchers, academics and alumni so that they are better enabled, skilled and confident in undertaking public engagement activities, initiatives and community outreach.
- To promote mathematics and science engagement with the broader community in Africa, showcasing mathematical sciences and its research applications conducted at AIMS.
- To stimulate young people's interest to pursue careers in science, technology, engineering and mathematics (STEM) and become the next generation of scientists, leaders and problem solvers.
- To improve the participation, progression and retention rates of women and girls in STEM-related fields.
- To conduct research studies on various topical issues on science/maths communication and gender in STEM in Africa.

The House of Science organises, co-host/participates in various events. The events include the Public Lectures Series, Pan-African Mathematics Olympiad (PAMO), AIMS Women in STEM, Pi-day Celebration, National Science Week, South African Women in Mathematical Sciences workshops, Job Shadowing, Learner Advancement, University students research/study visit at AIMS, etc.

For more information please contact Dr Rejoyce Gavhi-Molefe (houseofscience@aims.ac.za) or visit <https://sites.google.com/aims.ac.za/house-of-science>



The AIMS Master's

Each AIMS centre offers an intensive one year graduate-level course leading to a taught Master's Degree in Mathematical Sciences. The course provides both a broad overview of cutting-edge science and strong mathematical and computer research skills.

The course is unique, offering students' exposure to a range of topics, thereby allowing them to make an informed choice as to their future specialisation. The goal is to develop well-rounded scientists, with excellent problem-solving skills, capable of creative thinking and genuine innovation. There is a strong grounding in end-to-end skills, from problem formulation, estimation, prioritization, and generally applicable mathematical and computing methods, to clear and concise scientific report writing. The aim is to equip students with the necessary tools and confidence for decision-making and policy analysis.

Faculties from African universities have been intimately involved in developing the AIMS curriculum, ensuring it is integrated with local undergraduate and Master's courses, and with local post-graduate research opportunities.

World-leading scientists and educators have volunteered to teach at AIMS centres. Their participation ensures an education of the highest international quality. Tutors (often including AIMS alumni) provide teaching and administrative support, assistance to foreign language speakers, and continuity across the visiting lecturers.

AIMS Taught Master's Program



First semester: Skills courses

Skills courses are compulsory and are designed to:

- provide introductory and foundational material to the students;
- train students in problem solving using a wide range of mathematical and computing methods;
- provide a working knowledge of mathematics, physics and selected topics.

They are structured to achieve pre-defined outcomes, with little flexibility in their content.

Second semester: Review courses

Review courses are elective and are fundamentally different. Each is flexibly designed and together they provide a wide range of topics. Students are required to complete 11 courses selected from the 18 review courses offered (with at most two chosen from any three-week block). Choices offered are balanced as far as possible with respect to focus on mathematics, physics, computer science and interdisciplinary topics, such as bio-mathematics, financial mathematics, and more. Students can select from the list of courses in consultation with the Academic Director who ensures coherence.

The AIMS understanding is that each Review Course provides an overview and in depth study of some topic from a major field of modern scientific work in the mathematical sciences and its applications. These are often relevant to African development.



Third semester: Research project

During the three-month long research project phase students work on a research topic with a supervisor. Students are not expected to do original work to achieve a passing grade, but the criterion for an outstanding research project is broadly that it could constitute the early part of a Research Master's thesis. For example, it could be publishable in a journal, or form an outstanding introduction to the field that could be used by other students entering the area. During this phase targeted communication skills and computing classes may continue, at the supervisor's discretion.

The purpose of the research project is:

- to give students the opportunity to work with an expert supervisor on a non-trivial project;
- to go through the process of independently reviewing, understanding and explaining scientific or mathematical material;
- to optionally do experiments - on a computer or otherwise – and report the results;
- to write a scientific report, and to defend it in an oral exam.

Assessment and evaluation

It will be clear by now that the form of assessment used by traditional universities does not help to achieve the AIMS goals. The academic assessment of students for the AIMS Master's Mathematical Sciences is accomplished in three ways:

- Continuous assessment through written assignments, tutorials, short tests and student presentations set by the lecturers.
- The mark awarded for a given course is determined by the lecturer concerned in consultation with the tutors involved and Academic Director.
- During the skills phase, group work and individual growth is emphasised in a less formal context and for these courses the mark obtained is a pass or a fail. Sometimes active participation in an activity is required; sometimes certain skills must be acquired.
- A written research project which the student is required to present (orally) to a panel of examiners. This panel includes the AIMS Director, the Academic Director, the supervisor, a teaching assistant and at least one external examiner.
- During the review and research project phases, the range of marks that can be given is as follows:
 - Distinction: 85-100%
 - Very Good Pass: 80-84%
 - Good Pass: 70-79%
 - Pass: 60-69%
 - Fail: Less than 60%
- To obtain the AIMS Master's in Mathematical Sciences with distinction, requires:
 - a pass for the skills courses
 - at least 6 distinctions for the review phase
 - a distinction for the research project phase



- In extraordinary circumstances where the quality of the research project is highly exceptional, fewer review distinctions may be required when awarding the degree with distinction.
- In order to complete the AIMS Master's degree successfully, a pass is required for each of the phases.
- Integrated assessment - a portfolio for each student is compiled, containing the grades achieved for each of the courses attended as well as observations on their presentations, all their assignments, completed exercises and their final research project.

Each student is registered, and graduates, from one of the three local partner universities. External evaluation of each student's performance and all aspects of the programme is conducted by six senior academics representing the different mathematical sciences disciplines (including Physics). The outcome of the integrated assessment is reported to the university at which each student is registered.

Teaching Assistants

Teaching assistants are a fundamental feature of the AIMS model. AIMS appoints between eight and ten PhD holders or advanced postgraduate students as teaching assistants for each centre. The duties of the teaching assistants are to provide assistance to the Academic Director and lecturers in matters concerning the academic program and the assessment of students.

Teaching assistants attend the lecture courses; arrange additional tutorials; assist with the marking of assignments; and assist the students with computing and research project writing. Teaching assistants also provide useful information to assist the Academic Director when writing student references. Teaching assistants are recruited via an announcement through AIMS' mailing lists. Criteria considered for selection include: academic achievement, ability to speak relevant languages, and an ability to function in the unusual AIMS teaching environment.

Language and Communication

All lectures at AIMS South Africa are presented in English. AIMS regards communication skills as a crucial part of the training both in respect of the spoken language and the written language.

As English is not the first language of many of the students, English Language classes, taught by the Language and Communications Teacher, at various levels, are available and held regularly, particularly at the beginning of the academic year. Each student is required to give at least one 15-minute presentation, on a mathematical topic related to one of the courses, to the whole class with the help and advice of one of the lecturers. Sessions on scientific writing are also held - particularly near the research-project phase.





Computing Facilities

There is a computer laboratory for AIMS students and offices are equipped with computers. Username/passwords are provided on arrival at the centre.

Visiting Laptops

The wireless network is called "AIMS", and it automatically redirects one to a device registration form. Passwords for this are issued on arrival. Once submitted it is forwarded to IT for approval. During office hours approval is typically less than 10 minutes.

Wireless in the Main AIMS building accommodation

Wireless is provided on the ground and first floors, yet many of the rooms can see the signal due to proximity; however the network is not intended to cover accommodation and does not reach all rooms. Since it is a single building, visitors have 24-hour, safe access to the first floor offices and computer labs.

Electronic Journal Access

Visitors have temporary journal and citation database access at library.sun.ac.za. Access details can be requested from the AIMS administration team.

AIMS South Africa uses Free and Open Source Software:

- Debian GNU/Linux for desktops and servers
- Python, SciPy, R, and SAGE for scientific computation

Acceptable Use Policy

By using the AIMS network you automatically agree to the Acceptable use Policies of our Internet Service Provider, the Tertiary Education Network, as well as South African law. You can read those policies here:

<http://www.tenet.ac.za/doc/aup-3-2.pdf>

http://www.internet.org.za/ect_act.html

Use of this network is always monitored on an aggregate basis, and when incidents need to be responded to we may look at individual usage histories in detail.

Assistance

We are at help@aims.ac.za, Office 110.

Electricity in South Africa:

The South African electricity supply is 220/230 volts AC 50 HZ. Most plugs are 15 amp 3-prong or 5 amp 2-prong, with round pins. If an adaptor is required, consider bringing one with you, although they can be purchased locally. US-made appliances may need a transformer.



Library Facilities

There is a library in the main building which has a reasonable collection of books and holds some journals.

A catalogue of what is available in the Library is on the AIMS South Africa website <http://library.aims.ac.za/>.

Access to Libraries at the local universities

Access to libraries at the local universities (Stellenbosch University (SU), University of Cape Town (UCT), University of the Western Cape (UWC)) will depend on your appointment status in the Research Centre or on where you are registered as a postdoctoral fellow/research student.

- Access to the SU library: If you are appointed on contract as a researcher or postdoctoral fellow through SU or if you are a postgraduate student registered at SU you will get a UT number (for staff members) or a student number (for postgraduate students, postdoctoral fellows and research students). You can then obtain a card which will give you physical access to the SU Library. If you are appointed on a shorter-term fellowship (and receive an honorarium) you should please contact Joan (joan@aims.ac.za) who will help you with getting access to the library.
- Access to the UCT library: Visiting researchers and students working with a UCT Department are required to complete an online Third Party card application at the specific Department. Once you submit this to Access Control, you will receive a Third Party ID card. Academics and postgraduate students from overseas academic institutions who are visiting Cape Town (but not officially visiting a UCT Department) may have access but no borrowing privileges. You will need to produce a letter of introduction from your home institution. If you are appointed on a shorter-term fellowship (and receive a honorarium) you should please see Joan (joan@aims.ac.za).
- Should you require access to the UWC library, please ask Joan (joan@aims.ac.za) for more information.

Electronic Library Facilities

Visitors have temporary journal and citation database access at library.sun.ac.za using the username `aimsresearch` and password provided from `aimsresearch@sun.ac.za`. Please see Joan if you have any problems.

Printing and Xerox Facilities

Printing and Xerox facilities are available at Administration which is housed in the Villa and in the Laboratory in the Main Building. Xerox facilities can also be found in the Library.



Accommodation

Accommodation is available in the AIMS South Africa residences and meals are provided on a daily basis to researchers, students, lecturers and staff.



Student accommodation

Student accommodation is available for students in the main building at 6 Melrose Road. Bathroom facilities are shared. Facilities for making tea and coffee are available in the dining hall. Students are responsible for cleaning their own rooms. A laundry service is available. Some of these rooms, and all of the common areas have wireless internet connectivity.

Visiting lecturer accommodation

Lecturers and visitors are accommodated in the main building. These single or double rooms have ensuite bathrooms. There are no catering facilities in these rooms but tea and coffee facilities are available in the dining hall. Lecturers' and visitors' accommodation is cleaned once a week. A laundry service is available. Some of these rooms, and all of the common areas have wireless internet connectivity. AIMS South Africa does not have suitable accommodation for families. Please see the "Alternative Accommodation" section for suitable establishments nearby.

Teaching assistants and Master's students accommodation

Accommodation is also available for tutors, Master's and PhD students at the Watson Street Residence (16 Watson Street) which is within walking distance from the main building (approximately 300 m). All rooms are single occupancy and bathroom facilities are shared. There is also a communal kitchen and laundry facilities. This accommodation is not serviced. Most of the rooms, and all common areas have wireless internet connectivity. Please note that a retainer will be charged for accommodation in this facility. This is refundable on departure.

Meals

Meals are served in our dining area on the ground floor. The menu is South Africa fare with occasional African dishes. A vegetarian option is available. Please inform the Facilities and Logistics Manager, Igsaan Kamalie (igsaan@aims.ac.za, 0878217112, 0722165628), if you wish to take the vegetarian option or if you have other special dietary requirements.

General meal times are as follows:

- Breakfast: 7.45 to 8.15
- Lunch: 13.00 to 13.30
- Dinner 18:00 to 18:30

These times may vary during the course of the year. Any changes will be announced.

Tea is served for staff, tutors and researchers at 10:30 in the common room on the ground floor. Facilities for making tea and coffee at other times are available on the first floor.





General Information

Healthcare

In an emergency please first contact:

Igsaan Kamalie Facilities and Logistics Manager,
0878217112 Mobile 072 216 5628

Doctor (GP)

Marina Medical
Tel: 021 788 9466

Walk in clinic

Medicross Tokai Cnr Tokai Road
& Keyser River Drive,
Tokai, Cape Town
Tel: 021 715 7063

Dentist

Dr Berhadien Prince George Drive
Tel: 021 788 2991

Pharmacy

Rustenberg Pharmacy
Beach Road,
Muizenberg
Tel: 021 788 8048

Optometrist

Hodgkinson & Van Niekerk
Tel: 021 788 7281



Banking

Visitors to AIMS South Africa must note that there are no foreign exchange facilities in close proximity to AIMS South Africa in Muizenberg. Please convert your foreign currency to ZAR at one of the Foreign Currency Exchange outlets at Cape Town International Airport, if required.

The nearest ATMs for

- ABSA
- FNB
- Nedbank
- Standard Bank

are located at:

The Muize Shopping Mall,

91 Atlantic Rd,
Muizenberg,
Cape Town

SECURITY ALERT

As in any foreign country, visitors are advised to be aware and alert when travelling to avoid falling prey to petty theft and crime. Most areas and attractions of South Africa can be safely visited but for your own safety it is important that you do not walk around late at night. Always be discreet with expensive camera equipment and jewellery and be aware of your surroundings.

We ask that you take special care when walking in places which are away from the public eye. Especially when walking on Muizenberg beach or along the boardwalk to St James, even during daylight hours.

It is important that you take precautions and we advise that you always walk in groups.

Emergency Contact Numbers

Chubb Armed Response - 0861 021 911
Chubb Medical Response - 0861 227 228
Netcare Ambulance - 82911

Police Flying Squad - 10111
Police Muizenberg - 021 787 9000
Ambulance - 10177



Grocery Stores

Checkers

Corner of Main and Atlantic Rds
Muizenberg, 7945

Monday-Thursday: 09:00 - 19:00

Friday: 09:00 - 21:00

Saturday: 08:00 - 19:00

Sunday: 09:00 - 17:00

Woolworths

Old Bakery Lakeside, Shop 14,
Atwells Village Centre,

Corner of Main Rd & Lincoln St

Monday-Friday: 09:00 - 19:00

Saturday/Sunday: 08:30 - 18:30

Pick and Pay - Lakeside

Shop 1 Lakeside Centre,
Main Road, Lakeside

Monday-Sunday: 07:30 - 21:00

Pick and Pay - Muizenberg

Deury Road, Prince George Drive,
Capricorn Park

Monday - Friday 08:00 - 20:00

Saturday: 08:00 - 20:00

Sunday: 08:00 - 20:00

Shopping & Entertainment

Blue Route Mall

Tokai Road, Tokai

<http://www.blueroute.co.za>

Cavendish Square

2 Cavendish Street

Cape Town 7708

<http://www.cavendish.co.za/>

For a listing of restaurants in Muizenberg, please visit:

https://www.tripadvisor.co.za/Restaurants-g1509162-Muizenberg_Western_Cape.html

Please note gratuities tend not to be included in South African restaurants. It is customary to tip at least 10% on a total bill.

Transportation

Trains

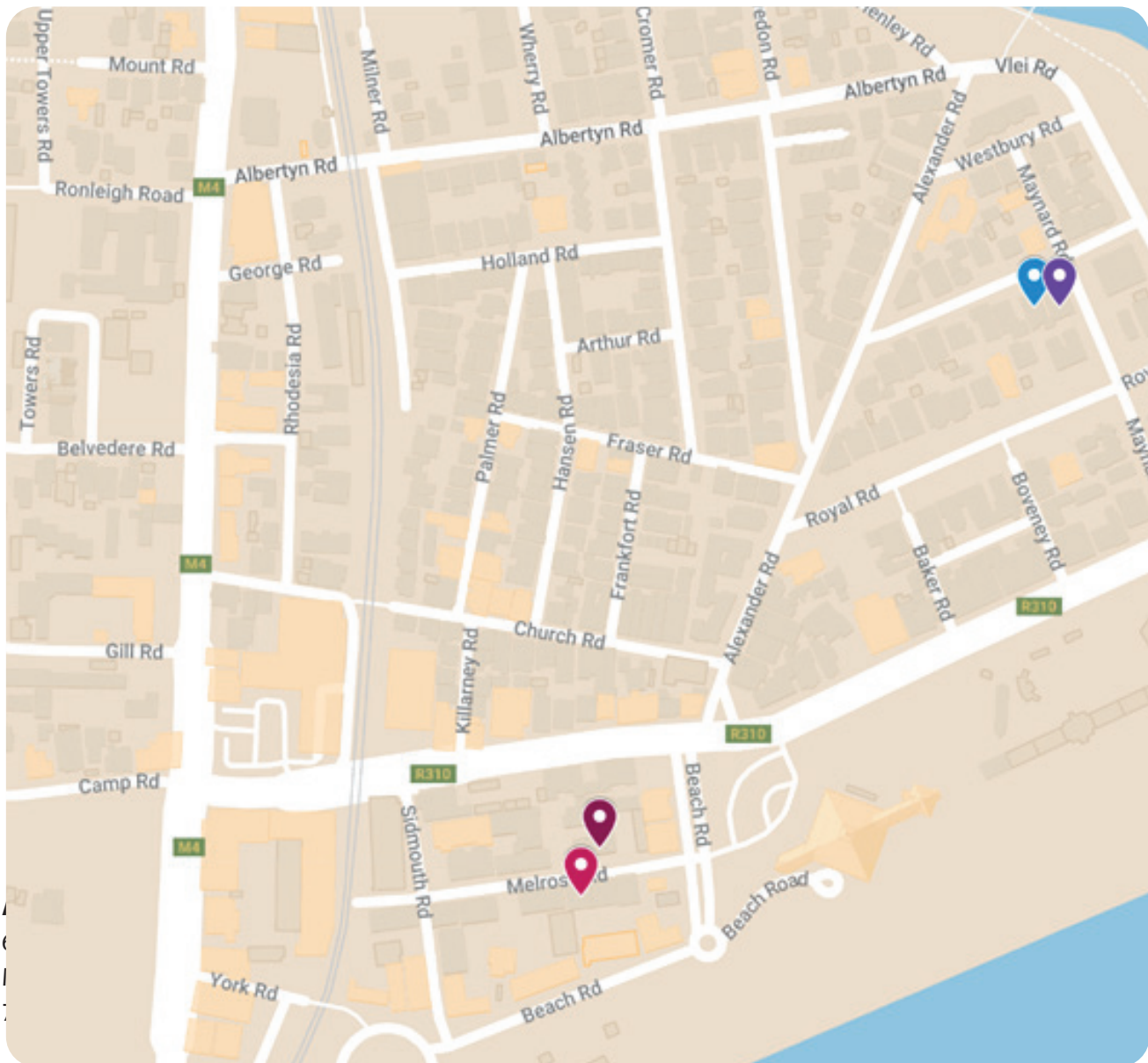
Southern Line Tourism Route: For one fixed fee you can travel between Cape Town, Observatory, Newlands, Muizenberg, Kalk Bay and Simon's Town as many times as you like between 8:00 and 16:00. You can buy your ticket at participating stations. You will receive a map that indicates tourist attractions within walking distance of each station. For more information, timetables and fares please visit <http://www.capemetrorail.co.za>



**AIMS**African Institute for
Mathematical Sciences
SOUTH AFRICA

Map

AIMS Buildings

**AIMS Main Building**

6 Melrose Road
Muizenberg
7945

AIMS Hall and Villa

5-7 Melrose Road
Muizenberg
7945

St Claire's Residence

14 Watson Street
Muizenberg
7945

Watson Street Residence

16 Watson Street
Muizenberg
7945

**AIMS**African Institute for
Mathematical Sciences
SOUTH AFRICA

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African Institute for Mathematical Sciences South Africa

6 MELROSE ROAD | MUIZENBERG | CAPE TOWN 7945 | SOUTH AFRICA

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