

30
years
1987 – 2017

in
partnership
with



BACHELOR OF APPLIED SCIENCE AVIATION

www.simge.edu.sg

The programme is developed and awarded by RMIT University, Australia



A Member of the SIM Group

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Bachelor of Applied
Science (Aviation)



WELCOME MESSAGES



Gain a Global
Edge at **SIM GE**
for the global
workplace in the
future economy

Welcome to SIM Global Education (SIM GE) – A global campus with over 10 top ranking international universities from the UK, the US and Australia. As a premier institution of higher learning, we are a gateway to the world with a wide range of academic programmes to choose your ideal learning pathways from.

SIM GE is a leading private educational institution in Singapore, reputed for high standards and a vibrant student experience. Founded in 1964 by the Singapore Economic Development Board as part of the SIM Group, it has over 50 years of strong track record in developing quality manpower.

At SIM GE, we are committed to delivering a holistic education to empower individuals in their respective fields and communities. We also aim to inspire passion in them to excel and to strive for bigger goals.

In today's fast-changing world, the ability to adapt and evolve will give you an edge. With our multicultural learning environment and diverse campus life, you will gain the skills, knowledge and insights you need, to be career ready. These will enable you to gain a Global Edge as you make your mark in the global workplace of the future.

I invite you to come and be a member of our fraternity of over 133,000 graduates and alumni and 20,000 students, and discover how, like them, you can fulfil your aspirations by embarking on an exciting educational journey with us.

Dr Lee Kwok Cheong
Chief Executive Officer
SIM Global Education



The aviation programme is both **contemporary** and **global** in nature

Aerospace and Aviation at RMIT University is internationally renowned for its industry-relevant high-impact research and globally competitive graduates.

RMIT is ranked among the world's top 100 universities for Mechanical, Aeronautical and Manufacturing Engineering (2016 QS World University Rankings by Subject). RMIT's School of Engineering is recognised by industry for its work-relevant education, research facilities, creative real-world project work and industry ready graduates.

Aviation is one of the School's key areas of strength, focusing on the technical, operational and managerial aspects of the profession. The aviation programme is both contemporary and global in nature.

A major feature of the programme is project-based learning

aimed at developing students' practical capabilities, critical thinking and analytical skills. Our aviation students learn by doing. They develop the capacity to work in teams, solve critical problems within a global context, think independently and act collaboratively.

RMIT has a long history of working in collaboration with a broad range of stakeholders within the global aviation sector, including airline companies, airports, government agencies, service organisations, aircraft manufacturers and suppliers, to develop deep partnerships that inform and support our education and research.

Professor Adrian Mouritz
Executive Dean of Engineering
School of Engineering
RMIT University

SIM GROUP



SIM Global Education A leading private education institution

SIM Global Education is the global education arm of the Singapore Institute of Management (SIM Group). Founded in 1964 on the initiative of the Economic Development Board to support Singapore's industrialisation, the SIM Group also offers its services through two other educational brands: SIM University (UniSIM) and SIM Professional Development (SIM PD).

SIM Global Education (SIM GE) offers quality overseas academic programmes awarded by top ranking and reputable universities from the United Kingdom, the United States and Australia. SIM GE's approach towards a holistic education is to develop students with a global edge for the global workplace with ability and adaptability for employability in the future economy. With more than 133,000 alumni and 20,000 students from over 40 countries, SIM GE is a leading private education institution in Singapore.

THE
GLOBAL
EDGE

ABILITY

ADAPTABILITY

EMPLOYABILITY

40
COUNTRIES

133,000
ALUMNI

Over 10
international
universities,
1 global
campus



Scan
for Virtual
Campus Tour



Why Study at SIM GE?

▲ AWARD-WINNING INSTITUTION

Top 3 Best Private Institute for eight consecutive years in the annual AsiaOne People's Choice Awards.

▲ THROUGH-TRAIN PATHWAY

Over 80 full-time and part-time academic programmes through over 10 partner universities at diploma, undergraduate and postgraduate levels.

▲ GLOBAL PERSPECTIVES & INSIGHTS

Exposure to diverse cultures and a global network of faculty and peers bring broader perspectives to learning.

▲ STUDENT-CENTRIC CAMPUS

Wi-Fi enabled campus with comprehensive facilities for students' academic and recreation needs.

▲ VIBRANT STUDENT LIFE

Participate in over 70 student clubs with year-round activities in arts, culture and sports.

▲ DEDICATED STUDENT SUPPORT

Support services include academic support at Student Learning Centre, a dedicated Student Services Centre, Student Wellness Centre, and initiatives such as financial assistance schemes and counselling services.

▲ BOND-FREE SCHOLARSHIP & BURSARY

Scholarships are available to students who excel in academics, sports or arts.

▲ NETWORK FOR SUCCESS

A multitude of learning resources and networking events for students and graduates offered through SIM GE platforms and SIM Membership.

▲ ALUMNI ENGAGEMENT

Stay connected even after graduation – benefit from events organised by SIM GE Alumni Office or volunteer your time through initiatives such as Structured Alumni Mentorship.

NETWORK FOR GREATER SUCCESS



With a blend of 40 nationalities from across the globe, SIM GE's remarkable global mix of cultural diversities provides an excellent platform for cultural exchange and knowledge sharing. A diverse student population, coupled with international faculty, is your gateway to a learning experience with a global mindset.

Tap into the rich resource pools offered by our membership activities and stay plugged into the latest industry trends through 12 special Interest Groups. Connect with other like-minded professionals for sharing of best practices and experiences. With a community boasting about 50,000 individual and corporate members, you can leverage our networks for greater success.

Your relationship with us continues even after you graduate. The SIM GE Alumni Family will help you develop and expand your network as you further your career aspirations. You can look forward to privileges and preferential access to professional development courses. Take advantage of our unparalleled networking opportunities such as Industry Forums, Networking Sessions, CEO Dialogue, annual Homecoming dinners, and Overseas Alumni Chapter events. Be updated on our calendar of events through SIM GE and SIM Membership newsletters and publications.

Embark on your journey with us to build meaningful connections as a student, a graduate and a professional.



Homecoming



Networking Session



SIM GE Industry Forum



Interact and build rapport with **industry experts** through our networking platforms



CEO Dialogue

"SIM Membership has expanded my personal and professional network with great opportunities to learn, share and meet people from various industries and professions."
(2016)

Harold Kwan
SIM GE Alumnus



Overseas Alumni Chapter

RMIT UNIVERSITY



RMIT is a global university of technology, design and enterprise. One of Australia's original educational institutions founded in 1887, RMIT University now has 83,000 students.

The University enjoys an international reputation for excellence in professional and vocational education, applied and innovative research, and engagement with the needs of industry and the community.

RMIT has a 5-Star QS ranking for excellence in higher education and is ranked among the top 15 Australian universities in the 2016-17 QS World University Rankings.

Collaborating with industry to provide solutions, new ideas and processes that deliver real outcomes is an integral part of RMIT's teaching, learning and research. This approach means that when entering the international

job market, RMIT graduates possess a broad knowledge base, industry-focused skills, and an ability to think critically and creatively.

The University was recognised for excellence in student employability and career development by the Victorian Government's 2015 International Education Awards, confirming its reputation for producing graduates who are highly valued by employers world-wide.

With three campuses in Melbourne, two in Vietnam, and a centre in Barcelona, RMIT is a truly global university. RMIT also offers programmes through partners in Asia and enjoys research and industry partnerships on every continent.

Singapore Institute of Management is RMIT's oldest and largest offshore partner. In 2017, we will be celebrating 30 years of partnership in education excellence.



Gain a broad and coherent body of knowledge and theory related to the **global aviation industry**

RMIT Aviation

- RMIT University has been providing education in aerospace engineering and aviation for over 70 years. The programme offered in Singapore enables students to access the same content and quality of instruction they would receive in Melbourne.
- Aviation is a rapidly growing field with tens of thousands of new jobs expected in South-East Asia in the coming decade. Our students are well positioned to take advantage of this growth within the thriving sector in Singapore and other overseas markets.
- A specialised aviation qualification typically results in high commencement salaries for graduates.

The successful completion of the programme will provide you with a broad and coherent body of knowledge and theory related to global aviation industry. The knowledge obtained will enable you to critically review and analyse aspects of the aviation industry, such as:

- Airline operations planning and management
- Airline maintenance management and supervision
- Airport landside/airside operations
- Airport planning and management
- Aviation safety management
- Airline strategies, finance and traffic data
- Concepts and applications of human factors in aviation
- Technical and contemporary issues in the aviation industry, such as systems, sustainability and the environment.



BACHELOR OF APPLIED SCIENCE (AVIATION)

Programme Structure

The programme is offered part-time over a period of 2.5 years, excluding the 6-month duration to complete the Preparatory modules. Credit exemptions will be granted to applicants who attained the relevant qualifications.

Duration and Intakes

Programme	Duration	Intakes
4 Preparatory Modules	6 months	Jan, Jul
15 Degree Modules	30 months	

Preparatory Modules

- BUS005 Managing People and Organisations*
- BUS009 Business Statistics*
- AERO2483 Introduction to Aviation***
- AERO2484 Introduction to Aircraft***

Degree Modules

- AERO2496 Airport/Airline Operations
- AERO2487 Sustainable Aviation and the Environment
- AERO2500 Human Factors in Aviation
- OMGT2221 Introduction to Logistics and Supply Chain Management
- AERO2498 Aviation Industry Environment
- AERO2501 Aircraft Systems
- AERO2495 Aviation Safety and Security Systems

- AERO2486 Aircraft Maintenance Management
- AERO2497 Airport Planning and Management
- AERO2490 Airline Operations
- AERO2492 Aviation Strategy in the Global Context
- AERO2493 Aviation Project Management
- AERO2488 Aviation Industry Project^
- AERO2494 Aviation Commercial Revenue Development
- AERO2489 Air Cargo Management & Operations

* Preparatory modules from the SIM Preparatory Course in Business (RMIT) programme.

** Preparatory modules from the RMIT Aviation programme.

^ Modules delivered online

Refer to the SIM GE website for the detailed programme structure and module outlines.

Students are required to successfully complete all 4 Preparatory modules (unless you are granted exemptions by RMIT to read these Preparatory modules) within the first 6-month semester, before you can progress with the 15 Degree modules under the RMIT Aviation programme.

Should students fail the examination component of the Preparatory module at first attempt, they will be granted a supplementary examination or assessment, as deemed appropriate by RMIT

University. In the event that they fail their supplementary examination or assessment, no repeat of that Preparatory module is allowed. Students who do not complete 1 or more of the Preparatory modules will be withdrawn from the programme.

Should these students wish to be re-admitted into the same programme, they will have to re-apply, and their application will be subject to RMIT's approval.

Aviation Industry Project

This capstone module is intended to provide students with the opportunity to undertake a project with focus on a real-world aviation industry problem or issue, and students are able to apply their critical thinking, judgement, problem-solving skills and industry knowledge. This project is supervised by an RMIT faculty member and/or an industry-based expert.

Learning Approach

This programme is taught by RMIT visiting faculty members and our Singapore-based academics and practitioners, and your studies include face-to-face or online lectures, topic learning guides, problem-based learning, readings, case studies on contemporary aviation-industry related issues, group and online discussions, and where possible will include guest lectures by industry experts.

RMIT University also provides students with an online learning and information portal, myRMIT, accessible at www.rmit.edu.au/myrmitstudies for students with a central point of access to online learning resources. myRMIT is an important and valuable communication tool for all students and staff.

Students can log in to myRMIT to:

- access their student email account
- access student information guide
- access online module materials via Blackboard
- view online resources and learning activities created by lecturers
- view results (via the Enrolment Online link)
- collaborate with RMIT University lecturers and fellow students

Students are encouraged to access myRMIT regularly to connect with the University.

Mode of Delivery

Classroom learning comprising:

- Activities
- Exercises
- Lectures
- Online learning
- Self-study
- Group work
- Projects
- Case studies

Each lesson is typically three hours.

Programme Calendar

Calendar	Jan	Jul
Semester Classes	Jan – Apr	Jul – Oct
Exam	Late Apr – Early May	Late Oct – Early Nov
Semester Break	Mid May – Late Jun	Mid Nov – Late Dec
Result Release	Early Jun	Early Dec

Assessment

- Individual / Group Assignments
- Project
- Written Exams
- Continuous assessment such as:
 - Reports
 - Presentations
 - In-class or online discussions
 - Class participation
 - Class tests

Accreditation

The Bachelor of Applied Science (Aviation) is a fully accredited Australian undergraduate university degree.

Industry Links

The School of Engineering at RMIT has expanded Australian and international links with the Aviation industry. These have grown out of relationships originally built around the School’s graduate programmes in Aviation Management.

Key stakeholders in the aviation industry have participated in the original development of this programme, and the industry is playing a continuing role in ensuring that it remains relevant and graduates have strong career paths.

Career Prospects

Graduates of the programme have obtained junior management and supervisory positions with air services providers, airlines and airport organisations located throughout the world. Graduates may also undertake further postgraduate studies in Aviation at RMIT University.

Alumni

Upon successful completion of the Bachelor of Applied Science (Aviation) degree, graduates will be eligible for membership of the RMIT University Alumni. For more information visit www.alumni.rmit.edu.au.

Candidature Period

Total modules to complete	Candidature period
17 to 19 modules	6 years
14 to 16 modules	5 to 5.5 years
10 to 13 modules	4 years

There will not be any refund or recourse should the student fail to complete the programme within the candidature period.

Minimum Class Size: 50

In the event that the class cannot commence due to low take-up rate, applicants will be informed within one month before programme commencement.

Admission Criteria

This is a programme with advanced standing, and applicants with an approved polytechnic diploma will be granted exemptions by RMIT.

Please refer to the SIM GE website for the list of qualifications approved by RMIT University.

The list and associated groupings are periodically updated as new diplomas are assessed and existing diplomas are re-assessed or when changes to the content of a diploma occur.

Other qualifications will be considered on a case-by-case basis by the university.

If an applicant does not satisfy the university minimum academic entry requirement, they may be able to satisfy the requirement if they can produce evidence of other equivalent qualifications or combination of qualifications and experience as assessed by RMIT University on a case-by-case basis.

English Language Requirement

- Minimum C or better in General Paper at AS/H1 level or Knowledge & Inquiry at H2 level; OR
- Successful completion of a recognised approved Diploma qualification or higher, where the language of instruction was English.

For detailed information on the English Language requirements, please refer to our website.

Programme Fees

Level	No. of Modules	Total Fee	Maximum Fee Payable
SIM Preparatory	2	S\$ 1,070.00	S\$ 43,871.07*
RMIT Preparatory	2	S\$ 5,035.42	
RMIT Degree	15	S\$ 37,765.65	

Fees are inclusive of prevailing GST. Preparatory module fees are payable in full before course commencement. Fees for RMIT Degree modules are payable over 5 instalments. Fees do not include textbooks. Please refer to SIM GE website for the latest fees.

**Actual semester fees may vary depending upon exemptions granted and modules that are required to be completed.*



"One of the highlights of the course is that we don't just learn from textbooks, but also real-world experiences from RMIT visiting lecturers and SIM local lecturers. We are fortunate to get aviation professionals such as pilots, managers, engineers and executives to be our lecturers. The experiences that they shared during lessons are relevant and applicable to my course of work." (2016)

Mohamed Shahrizal Bin Mohamed
Student
Technical Specialist II
Thales Singapore

"The modules taught emphasises strongly on the critical aspects of airline and airport operations and management. This would be a great help for students who are looking for a career in an airline company or the airport. SIM-RMIT Aviation programme syllabus is customised to the needs of the industry and will definitely help in seeking a good career opportunity in the industry." (2016)

Goh Xin Ni
Student
Sales Account Lead
Pattonair Asia Pte Ltd



"The programme is very relevant and covers a wide scope of aviation-related matters. The degree helps to cement my foundation in this field and strengthens my dream to become a leader. I aspire to work overseas, and with this degree, the future holds much excitement for me as it opens more windows of opportunity. The SIM-RMIT brand is definitely a plus point for me no matter what I do or where I go." (2016)

Razali Abdul Rahim
Student
Ramp Manager
Universal Aviation Singapore





Why study SIM-RMIT's Bachelor of Applied Science (Aviation)

▲ ACCREDITATION

The Bachelor of Applied Science (Aviation) is fully accredited as an Australian undergraduate university degree

▲ EFFECTIVE LEARNING

A combination of face-to-face and online lectures, case studies, assignments, business simulations, presentations and in-class discussions

▲ EXCELLENT SUPPORT

Regular visits by RMIT academic staff and stringent standards ensure quality of support and teaching

▲ INTERNATIONAL NETWORK

Connect with the vast network of RMIT alumni; a community of over 30,000 SIM-RMIT graduates alone

▲ PRACTICAL CURRICULA

Designed with industry inputs; integration of theory with practice

▲ PROVEN TRACK RECORD

30 years of partnership between SIM and RMIT



Our students undertake a project focusing on a real-world aviation industry problem or issue, enabling them to apply their critical thinking judgement, problem-solving skills and industry knowledge.

YOU POH SENG
BLK B

APPLICATION AND ADMISSION

How to Apply

Visit www.simge.edu.sg/ge/how-to-apply for the application process, list of required supporting documents, documents verification process and more information.

For an international applicant applying to a full-time programme, you must submit an online Student's Pass (STP) application form. Your Student's Pass application is subjected to approval of the Singapore Immigration & Checkpoints Authority (ICA).

Application Fees

An application fee is payable for each application form that is submitted. This fee (inclusive of the prevailing GST) is non-refundable and non-transferable. The fee will be fully refunded only if the intake does not commence. Unpaid applications will not be processed.

Payment Mode: MasterCard/Visa credit cards or eNETS

Application Fees	Local applicants	International applicants
	S\$96.30	S\$321.00*

**This does not include all fees related to Student's Pass application.*

Private Education Act

Under the Private Education Act, legislated in December 2009, a Council for Private Education was set up to regulate the private education industry in Singapore. From 03 October 2016, the Council for Private Education became part of a new statutory board - SkillsFuture Singapore (SSG). Under the new structure, the SSG Board appointed the Committee for Private Education (CPE) to carry out its functions and powers relating to private education under the Private Education Act.

All Private Education Institutions (PEIs) are required to comply with the regulations under the Act in order to continue operations.

Following are the requirements which Singapore Institute of Management Pte Ltd (SIM PL) has put in place:

PEI-Student Contract

CPE, in aiming to enhance the confidence of students and their parents in the quality of education in Singapore, has stipulated that all PEIs must sign a PEI-Student Contract with students. The contract sets out the terms and conditions governing the relationship between the student and PEI. SIM PL will honour all terms and conditions in the contract and in all communication materials.

Students may request for a copy of the PEI-Student Contract from SIM PL or view it on the CPE website (www.cpe.gov.sg).

Cooling-Off Period

There will be a cooling-off period of 7 working days after signing the PEI-Student Contract. Students have the right to cancel the contract within the 7 working days and be refunded the highest percentage of the fees already paid if the students submit written notice of withdrawal to SIM PL within the cooling off period (refer to Clause 2.3 of PEI-Student Contract). After the cooling-off period, SIM PL's refund policy will apply.

Fee Protection Scheme

SIM PL adopts a compulsory Fee Protection Scheme (FPS) to protect the paid fees of both local and international students. The FPS serves to protect the student's fees in the event that the PEI is unable to continue operations due to insolvency, and/or regulatory closure. In addition, the FPS protects the student if the PEI fails to pay penalties or return fees to the student arising from judgments made against it by the Singapore courts.

SIM PL has appointed Etiqa Insurance Pte. Ltd and Lonpac Insurance Bhd as our FPS insurance providers. Under the FPS insurance scheme, students' fees will be insured by the insurer pre-assigned by SIM PL. In case of events as stated above, students will be able to claim their paid fees from the respective FPS insurance provider.

More details of the FPS can also be found in the FPS Instruction Manual, available at www.cpe.gov.sg.

Medical Insurance

SIM PL has in place a group medical insurance scheme for all its students. This medical insurance scheme will have a minimum coverage as follows: an annual coverage limit of S\$20,000 per student, covers up to B2 ward in government and restructured hospitals and provides for 24 hours coverage in Singapore and overseas (if student is involved in SIM PL-related activities) throughout the course duration.

For more information on medical insurance, visit: www.simge.edu.sg/ge/medicalinsurance.

Refund and Transfer/Withdrawal Policies

For refund and transfer/withdrawal policies, please refer to www.simge.edu.sg/ge/refund.

Confidentiality

SIM PL is committed to maintaining the confidentiality of the student's personal information and undertakes not to divulge any of the student's personal information to any third party without the prior written consent of the student SUBJECT TO the obligation of SIM PL to disclose to any Singapore government authority any information relating to the student in compliance with the law and/or to the organisation conferring/awarding the qualification.

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This brochure contains key information, accurate as at time of print on 24 February 2017. For the most updated and complete corporate and programme information, refer to our website at www.simge.edu.sg. SIM and RMIT University reserve the right to change the information, including fees, herein at any time.



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Members of The SIM Group



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