

RETURNING IN 2016



Southern Hemisphere Space Studies Program

International, Intercultural, Interdisciplinary, live-in program for professionals, graduates and senior undergraduates

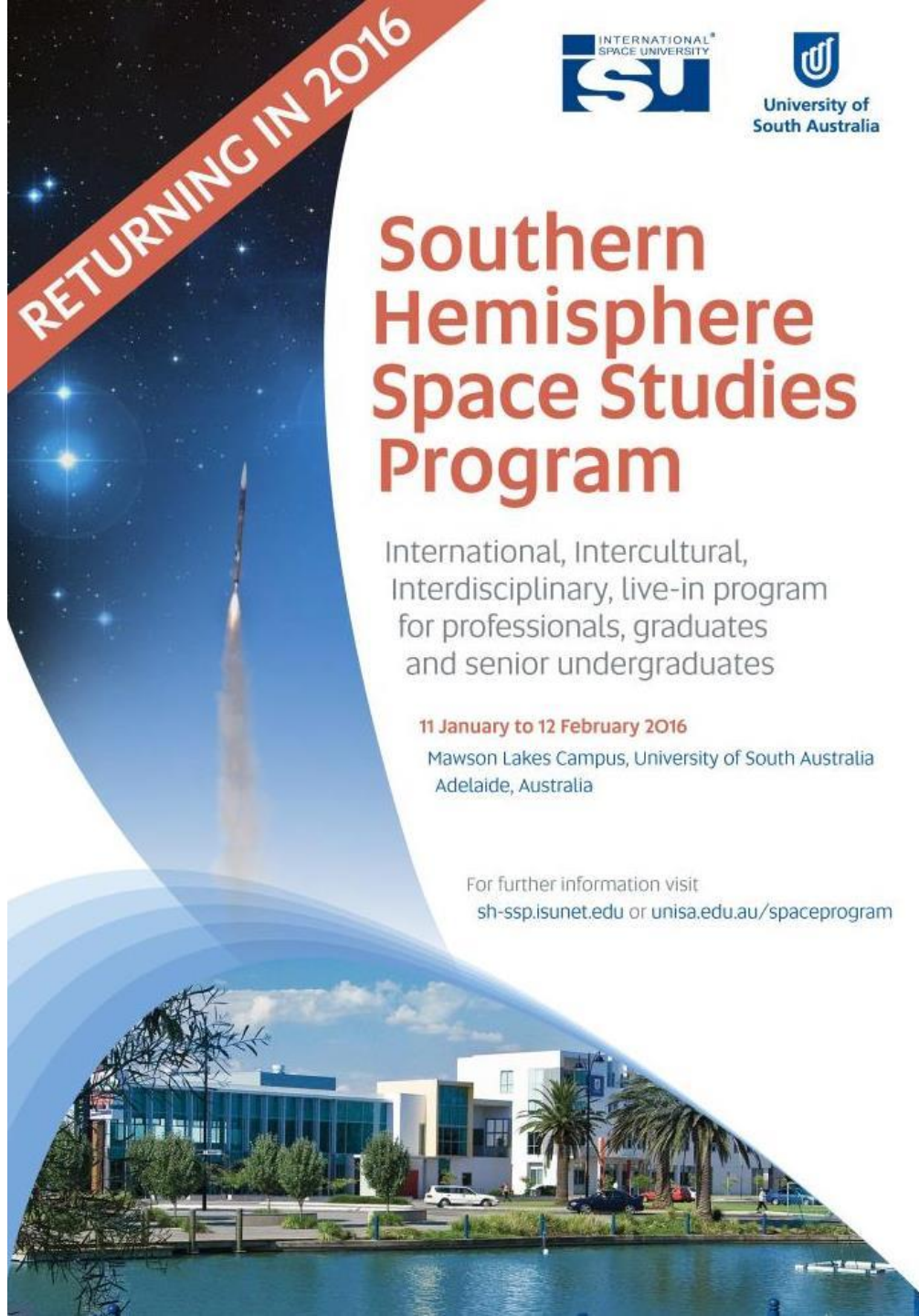
11 January to 12 February 2016

Mawson Lakes Campus, University of South Australia
Adelaide, Australia

For further information visit
sh-ssp.isunet.edu or unisa.edu.au/spaceprogram

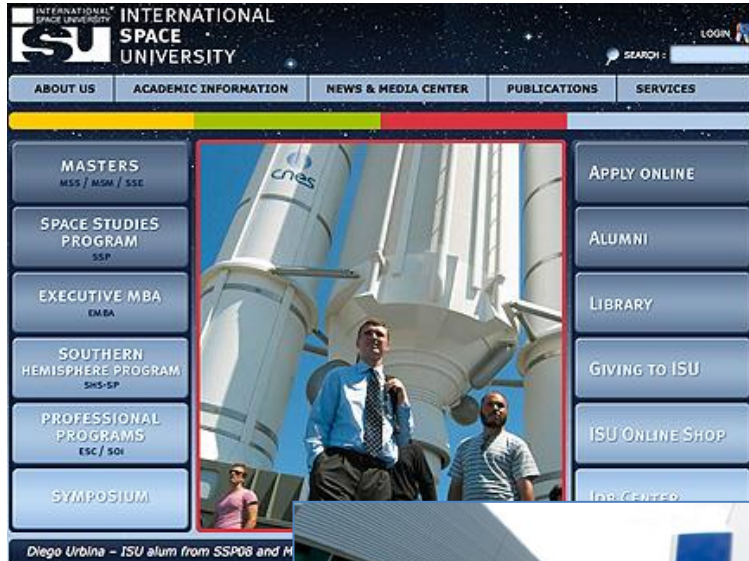


UniSA



Southern Hemisphere Space Studies Program

11 January – 12 February 2016



Established in 2011 to fill the seasonal gap in ISU's program offerings

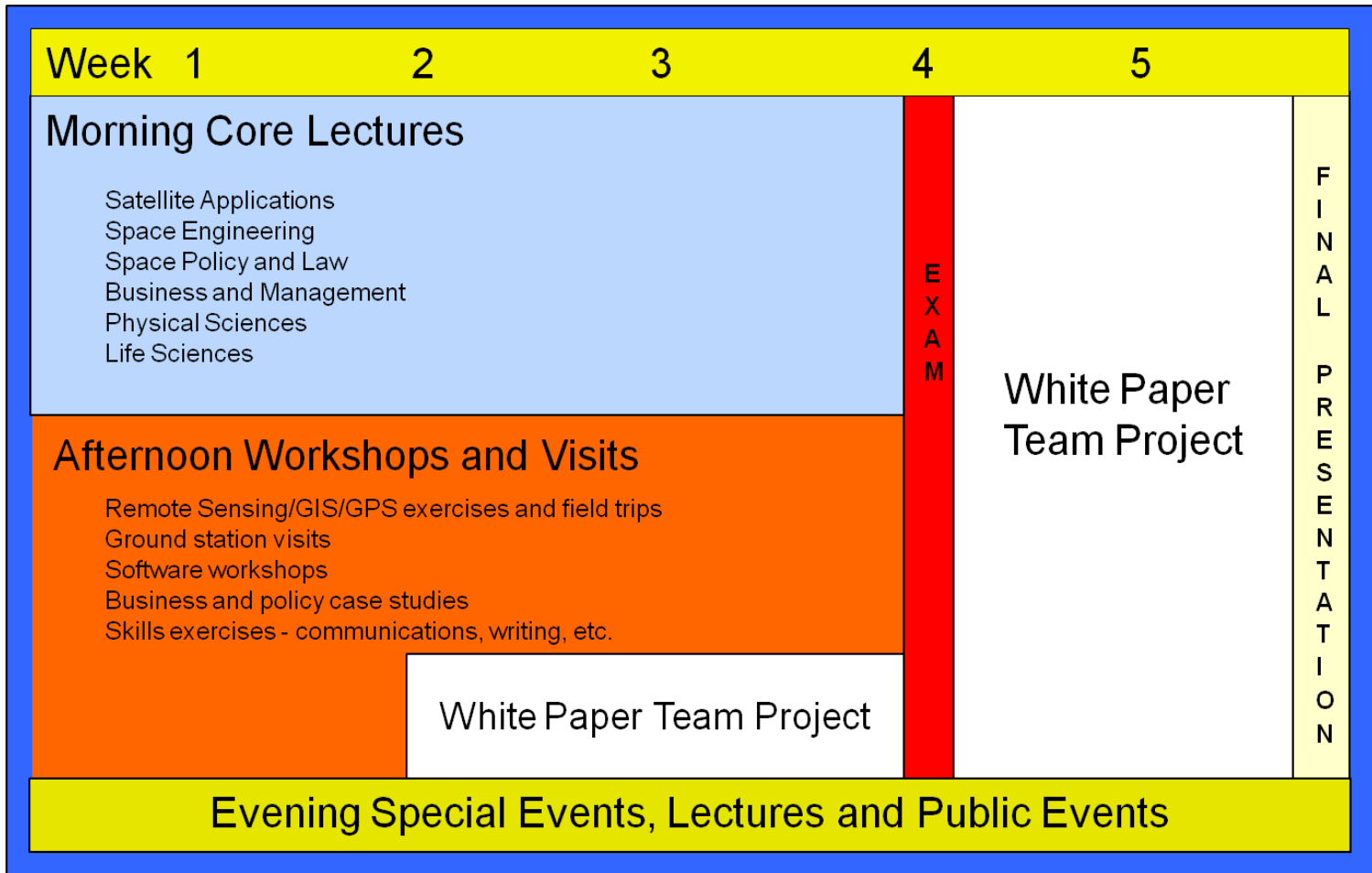


Conducted In partnership with the University of South Australia (UniSA) at the Mawson Lakes Campus in Adelaide, Australia

How to find Adelaide



Program Structure



Core Lectures

50 staff, lecturers and workshop presenters

Disciplines

- Engineering
- Space Applications
- Policy/Law
- Life Sciences
- Physical Sciences
- Business/Management
- Interdisciplinary

TOTAL 45 lectures



Workshops and Tours

- International Team Building
- Planetarium Visit
- Satellite Tool Kit Workshop
- Crisis Communication Workshop
- Space Tourism Workshop
- Hands-on GIS Activity
- Remote Sensing Workshop
- Space Launch Workshop
- Space Medicine Workshop
- GPS Workshop
- Remote sensing/GPS Field Trip
- Satellite Communication and Earth Stations visit
- Commercial Satellites Workshop
- Space History and Heritage Workshop
- Writing and Presenting Skills Training
- Space Public Outreach Workshop
- Space Entrepreneurship Workshop



Workshops and Tours



White Paper Team Project

A jointly authored research report involving team building and complex project management

In 2016:

'Food and Water Security: How aerospace technology can assist to address the challenge of growing populations'



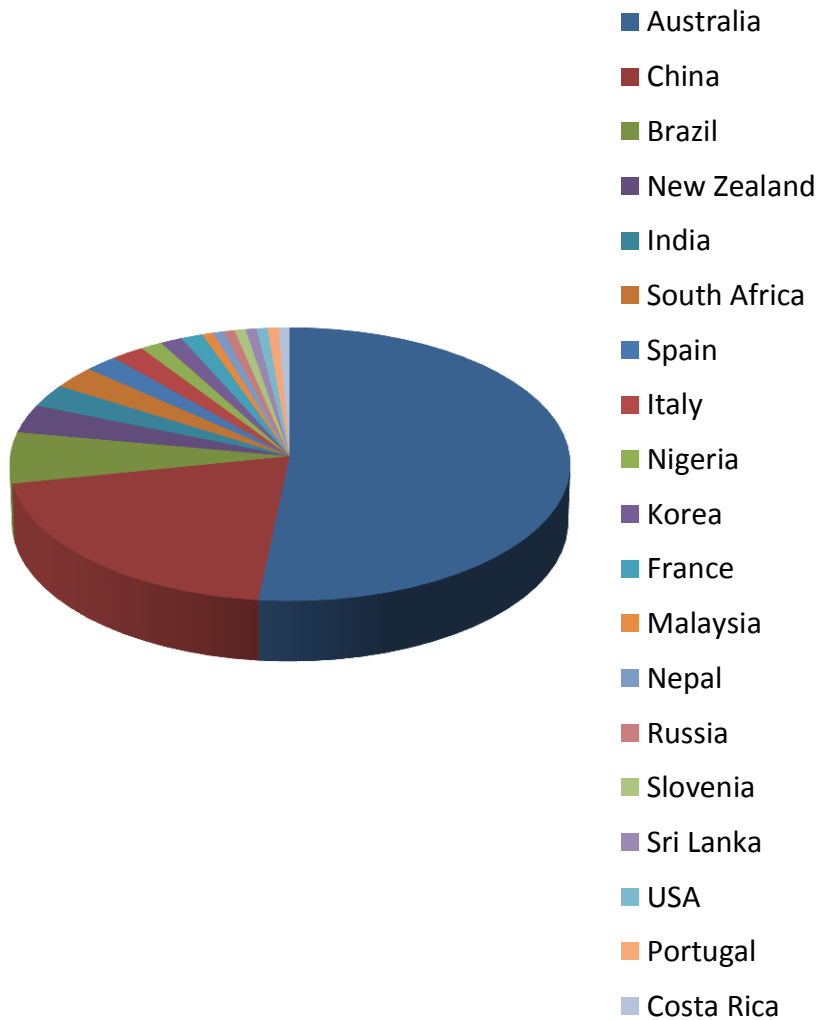
Public Events



Social and Cultural Events



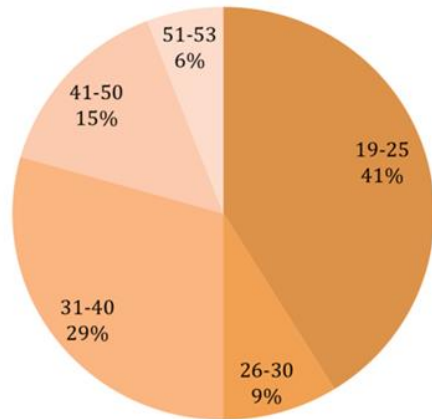
Countries Represented 2011-2014



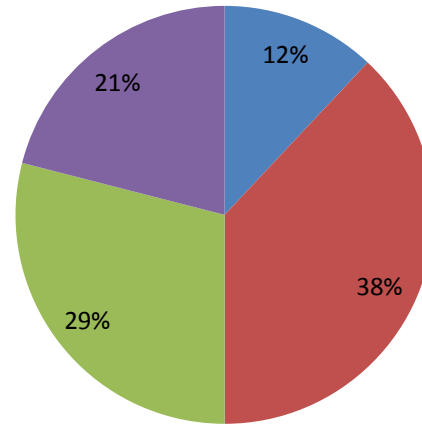
Australia	77	52%
China	30	20%
Brazil	9	6%
New Zealand	5	3%
India	4	3%
South Africa	4	3%
Spain	3	2%
Italy	3	2%
Nigeria	2	1%
Korea	2	1%
France	2	1%
Malaysia	1	1%
Nepal	1	1%
Russia	1	1%
Slovenia	1	1%
Sri Lanka	1	1%
USA	1	1%
Portugal	1	1%
Costa Rica	1	1%
Total participants	149	

Typical Participant Profiles

Age



Academic Qualifications



- Ph D
- Masters
- Bachelors
- Senior Undergraduate

Academic Arrangements

- **UniSA Executive Certificate and ISU Certificate of Completion**
 - awarded on completion of SHSSP
- **Undergraduate Students**
 - encouraged to claim credits in relevant programs
 - Fee savings for Australian Students if credit granted by home institution
- **Graduate Students**
 - 9 units credit towards UniSA Graduate Certificate in Space Studies



UniSA

UniSA Graduate Certificate in Space Studies

- **Open to all ISU Alumni**
- Enables participants with a Bachelor's degree or higher to undertake extra study and individual project leading to an award from the University of South Australia (UniSA)
- Completion of an ISU program (SHS-SP, SSP or MSS) is a prerequisite for the Graduate Certificate and the content of those programs is recognised by UniSA as a 50% component of the Graduate Certificate.
- Participants arrive or remain at UniSA for three days (15 - 17 February 2016) in order to:
 - identify individual projects
 - engage with an academic supervisor
 - commence searching the literature
- Participants then return to home base and continue their project in distance mode.
- The project is completed in early June with an online seminar and presentation of a final report.



More information:

<http://programs.unisa.edu.au/public/pcms/program.aspx?pageid=325&sid=297>



UniSA

Scholarships

One full scholarship (to the value of A\$12,900)

Eligibility

- Engineering graduates and engineering undergraduates in the final two years of their engineering studies:
 - resident in Australia
 - who have applied for enrolment in the Southern Hemisphere Space Studies Program and
 - who do not have financial support to attend the program from their employer or other sponsor

Selection criteria

- The Engineers Australia Selection Committee will select the scholarship winner taking into account:
 - the applicant's motivation to forge a career in space engineering in Australia
 - the applicant's academic performance and/or qualifications; and
 - the applicant's financial circumstances



Scholarships

One full scholarship to the value of A\$12,900 and **five half scholarships** to the value of A\$6,450

Eligibility

- University graduates and undergraduates in the final two years of their studies:
 - resident in Australia
 - who have applied for enrolment in the Southern Hemisphere Space Studies Program and
 - who do not have financial support to attend the program from their employer or other sponsor

(Four of the scholarships will be awarded to South Australian participants)

Selection criteria

- The Selection Committee will select the scholarship winner taking into account:
 - the applicant's motivation to forge a career in a space-related field in Australia
 - the applicant's academic performance and/or qualifications; and
 - the applicant's financial circumstances



THE SIR ROSS & SIR KEITH SMITH FUND



Enrol early!



Feedback from previous participants

- 'One of the finest in my 16 years of international training. Exposed to a very high level of learning and training. Life time experience.'
- 'I would describe this program as a way for like-minded people to bond irrespective of age or involvement in the field of space. The overwhelming majority of the lectures are really, really interesting and I love all the faculty members and friends that I've met over the past five weeks.'
- 'Excellent experience, mingling with people from other disciplines and cultures. Learned a lot outside my own discipline.'
- 'Broad based space awareness program. Excellent experience in developing a broad knowledge of space related activity.'
- 'Very intense, very broad, very good at giving you direction if you want to enter the space industry and don't really know how to, or which field you want to specialise in. Of course the incredible friendships you make with people on the same wavelength as you.'
- 'I just spent five weeks learning everything I could about every dimension of "space" while meeting a group of like minded and enthusiastic people - having a great time!'

About SHS-SP

- Overview of SHS-SP Program
- Venue
- Program Content
- Admissions and Funding
- Apply Online
- Online Payment

Programs

- MSS Program
- Space Studies Program
- Executive MBA
- Southern Hemisphere Program
- Executive Development Programs

Southern Hemisphere Space Studies Program

Southern Hemisphere Space Studies Program



11 January to 12 February 2016

Mawson Lakes Campus, University of South Australia Adelaide, Australia

The Southern Hemisphere Space Studies Program is an intensive, five week, live-in experience built around an international, intercultural, and interdisciplinary (3 'I's) educational philosophy for which the International Space University (ISU) is renowned.

The program provides a multidisciplinary understanding of the key activities and areas of knowledge required by today's space professions, including:

- Space science and exploration
- Space applications and services
- Human spaceflight and life sciences
- Space systems engineering and technologies
- Space policy and economics
- Space business and project management and
- Space law and regulatory issues

For inquiries about the program, email: inquiries.sh-ssp@isunet.edu

SH-SSP WEBSITE

More Information



John Connolly – Program Director

john.connolly@isunet.edu



Michael Davis – Program Co-Director

mdavis@spacelaw.com.au

On-line enrolment:

<http://www.isunet.edu/apply-online-shssp>

Inquiries:

inquiries@shs-sp.isunet.edu

Program Websites:

<http://www.isunet.edu/programs/southern-hemisphere-program>

<http://www.unisa.edu.au/spaceprogram/>



<http://www.facebook.com/#!/isu.shssp>