



ST PAUL'S COLLEGE  
UNIVERSITY OF SYDNEY

# Sydney Academic Programme

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January 2024



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UNIVERSITY OF SYDNEY

# Programme Overview

This programme is dedicated to offering exceptional learning experiences inside and outside of the classroom. Lectures led by tutors from world-class institutions and diverse types of exchanges with local students will certainly ensure you an unforgettable and fruitful summer experience.

## Course Content

### Academic Study + Cultural Experience

This programme offers an exciting blend of high quality subject teaching, academic skills workshops and industry visits. Students will explore both theory and practical knowledge to dive deeper into their area of interest.

The programme is interactive, allowing participants to develop their confidence and skills through classroom sessions and a supporting programme of activities.

## Dates & Details



10-night residential academic course



22 January - 02 February 2024



Twin bedrooms with breakfast, lunch and dinner



A wide range of academic study and industry visits



Academic areas: Humanities & Sciences





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# Programme Highlights

## Academic Teaching

In small group classes, students will participate in thought-provoking discussions, collaborate on group projects, and dive deeper into their subject whilst exploring real-world applications with our expert tutors.

## Industry Visits

Subject teaching will be supported by innovative industry visits, providing students with an opportunity to gain valuable insight into the cutting-edge technologies being used within their sector. Students will learn from and engage with industry experts, fueling inspiration for future career pathways.

## Academic Skills Workshops

This programme not only provides students with an opportunity to delve deeper into their subject matter, but will also enable them to develop a wide range of academic skills that they can put into practice in future study or career environments.

Led by their counsellors, students will discover the art of critical thinking, become confident in public speaking, and understand how to become an effective team member. These workshops will offer students the ability to overcome complex problems, express ideas with confidence, and collaborate with others.

## Social & Cultural Experiences

Outside of academic sessions, students will have the unique opportunity to explore everything that Sydney has to offer, from the Sydney Opera House to Bondi Beach, art galleries, museums, and local cuisines, there will be something for everyone.

These activities are a great way for students to get to know one another better, and forge friendships throughout the programme.





## Subject Options

### Humanities

The humanities academic programme offers a comprehensive exploration of various disciplines that encompass human culture, such as history, philosophy, literature, and the arts.

Through the diverse range of subjects, students gain a deep understanding of critical thinking, cultural appreciation, and effective communication skills.

Key themes:

- Analyse historical contexts and significant events.
- Fundamental questions about existence, knowledge, ethics, and the nature of reality.
- Cultural diversity, social structures, and human behaviour.
- Examine social, political, and cultural influences.



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### Industry Visits Examples

1. Sydney Theatre Company: Providing students with insight into careers in theatre, performing arts, and stage production. During this visit, participants will engage with actors, directors, stage managers, and production crews to learn about the various roles involved in creating theatre productions.
2. Australian Museum of Democracy: Based at Old Parliament House, students will gain insights into political history, public policy, and government affairs. They can explore careers in politics, public administration, advocacy, and policy research.
3. Google Sydney: On this visit, students will learn about the intersection of technology and humanities. They can explore how technology companies incorporate humanities-related skills such as critical thinking, communication, and cultural understanding into their work.
4. Sydney Morning Herald: One of Australia's leading newspapers. Students will explore journalism, media ethics, and the role of the press in shaping public opinion. They can interact with journalists, editors, and photographers to understand the dynamics of news production.





## Subject Options

### Sciences

In this sciences academic programme students will dive into essential subjects such as physics, chemistry, biology, and computer science.

Throughout the programme, students will develop key skills such as critical thinking, data analysis, experimentation, and problem-solving. They will learn to apply scientific methodologies, conduct research, and communicate their findings effectively.

Key themes:

- Mechanics, electromagnetism, and quantum physics.
- Composition, properties, and reactions of matter.
- Living organisms, their structures, functions, and interactions.
- Solve scientific problems with computational thinking and programming skills



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### Industry Visits Examples

1. Commonwealth Scientific and Industrial Research Organisation (CSIRO): Australia's national science agency. Students will explore cutting-edge research laboratories, interact with scientists, and learn about various scientific disciplines. They'll gain insights into careers in fields such as environmental science, bio-informatics, materials research, and more.
2. ANSTO (Australian Nuclear Science and Technology Organisation): Students will explore the applications of nuclear science and technology. They'll learn about research in areas such as nuclear physics, particle accelerators, and nuclear medicine.
3. Johnson & Johnson Innovation Hub: During this visit students will learn about the intersection of science, technology, and healthcare. They'll explore innovations in pharmaceuticals, medical devices, and healthcare solutions. Students can gain insights into career opportunities in biomedical research, product development, and healthcare innovation.
4. Bureau of Meteorology: Students will learn about the use of mathematics in weather forecasting, climate modelling, and environmental monitoring. They can engage with meteorologists, explore mathematical models used in weather prediction, and gain insights into careers in atmospheric science.



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# Location

## St Paul's College, The University of Sydney

St. Paul's College at the University of Sydney is an esteemed residential college renowned for its vibrant community and commitment to academic excellence. Founded in 1856, it provides a nurturing environment for students to thrive academically, socially, and personally.

With a rich heritage and strong traditions, the college offers a range of facilities, including modern accommodations, libraries, dining halls, and recreational spaces

