

Pre- University Foundation Program

COURSE DETAILS

1) Course entry requirement(s)

To gain entry to the International Foundation Program prospective students must:

- have successfully attained the equivalent of Year 11 in the Australian secondary education system with a pass level that would allow progression to Year 12; international examples of equivalent qualifications include:
- Singapore - GCE O Levels with grade C average in five subjects **and be 17 years of age at point of entry**
- Hong Kong - HKCEE Form 5 with Grade C in four subjects
- Japan – Kotogakko 2 with 4.0 average
- South Korea – Senior high School Year 2 with C average
- China - Senior Middle School 2 with 60% average
- Myanmar – Completion of BEHS with 70% average
- Vietnam – Year 11 with GPA 6.0
- Indonesia – SMU 2 with GPA 7.0
- Philippines – Certificate of graduation Year 11 with 75% average
- Taiwan – Senior high school year with C average
- India – Year 11 with 60% average
- Malaysia – SPM/UEC with passes in 5 academic subjects with C average
- Thailand – Matayom 5 with 60% average

As well as an overall IELTS score of 5.5 (with a minimum of 5.0 in each macro-skill) or complete JCU Singapore English Language Preparatory Program Level 2

2) Course learning outcomes

The JCU Singapore Foundation program is designed to ensure that students with a secondary education qualification equivalent to Queensland, Australia Year 11, are delivered a pre-university program to ensure they qualify at Year 12 thus being able to gain entry to Band 1 undergraduate degrees.

The objective of the Foundation program is to provide an alternative pathway into tertiary education programs for those students including international students who are disadvantaged by their geographical location, family situation, educational history or other circumstances whereby they are unable to participate in other entry mechanisms.

It equips students with the skills and capabilities to enter tertiary study.

3) Course schedule with modules and/or subjects

COURSE STRUCTURE and Schematic TEACHING Block:

Term	Requirement	Lecture	Contact Hours
1	Core Subjects	FS0100 - English Fundamentals 1	60
		FS0101 - Communication across cultures	60
		FS0102 - Statistics	60
		FS0103 - Critical Thinking	60
		FS0104 - Introduction to Learning & Development	60
2	Electives(to choose any 5 subjects)	FS0200 - Introduction to Mathematics	60
		FS0201 - Economics	60
		FS0202 - Human Perspective on World Geography	60
		FS0203 - Introduction to Information Technology	60
		FS0204 - English Fundamentals 2	60
		*FS0205-Chemistry	60

*Chemistry is a pre-requisite to pursue a Degree in Business & Environmental Science.

*Subjects are planned over two terms

4) Course Duration

DURATION	SESSIONS/WEEK	HOURS/ SESSION	TEACHING MODE
12 weeks	25 hours over 5 subjects as illustrated above	5 hours per day per week	1. Face-to-face teaching in class-room setting 2. Additional self-directed study as per subject requirement

5) Module synopses

FS0100 - English Fundamentals 1

This module is designed to provide students with academic skills required to improve writing, speaking, reading and listening. The subject is designed for students who have basic knowledge in expressing their ideas in an academic structure. Through this subject, they will enhance their abilities to write, speak, listen and read as the contents include rephrasing, crediting the source, essay structures and organization, presentation skills and learning and reading techniques.

Learning Outcomes

Upon completion of the module, a competent student should be able to:

- Use English effectively for class discussions.
- Conduct a research project in a systematic manner, writing a survey form to gather primary data for research assignments.
- Deliver a presentation with confidence and clarity using appropriate style.
- Appreciate the rationale and importance of academic integrity, thus avoiding plagiarism through the proper use of citation. Students will write and present a research project using APA referencing and language styles.
- Write a literary analysis exploring themes, characters and plots of a given text or movie.
- Understand and apply the techniques of coping with exams.
- Learn and appreciate the dynamics of teamwork.

FS0101 - Communication Across Cultures

This subject provides a basic knowledge of the cultural and organisational frameworks within which international business is conducted. It adopts a multi-disciplinary approach to introduce students to important issues and challenges in managing cultural diversity in the workplace. Conceptual and theoretical frameworks are used to develop an understanding of the ways in which cultures differ and how such differences impact on organizations.

Learning Outcomes

- Demonstrate an understanding of the theoretical frameworks and conceptual tools for describing the development of communications systems.
- Recognise 'communication' as an active production and negotiation of meanings, not just the transmission of information
- Understand the general concepts of culture – its elements and those that can be applied to any cross-cultural situation
- Analyse and explain the nature of cross cultural communication
- Demonstrate an analytical understanding of how culture influences communication and management examining theoretical frameworks and empirical research results
- Develop an ability to understand, predict and handle a variety of situations facing international managers when acting in a culturally diverse context

FS0102 – Introduction to Statistics

This subject promotes students' awareness of the importance of statistics in everyday life and to build up confidence in making effective use of introductory-level research, data analysis, and presentation skills. The aim is to provide students with the knowledge and skills to make effective use of methods of describing quantitative data through the use of graphical and numerical methods, interpretation of results and making decisions in both business and everyday life.

Learning Outcomes

- Explain basic empirical concepts including reliability and validity; population and sample; correlation and causation; nominal, ordinal, interval and ratio levels of measurement; operational definitions
- Identify and apply the appropriate measure of central tendency to different levels of measurement
- Demonstrate ability to arrange data into pictorial and tabular formats for presentation and interpretation purposes
- Calculate, compare and interpret the three measures of central tendency - mean, median and mode - for both ungrouped and grouped data
- Organise, describe and present the kinds of data encountered in the social and behavioural sciences
- Use Microsoft Excel to record, sort, calculate and display frequency distributions, comparative percentages and comparative averages
- Create and interpret histograms, bar graphs, scatter plots and frequency polygons

FS0103 - Critical Thinking

This subject prepares students for academic performance in disciplined, self-directed thinking through training in the use of strategies, skills, and conventions expected of suitably proficient readers and writers. Students will acquire skills to equip them in the recognition and avoidance of common errors in reasoning and to state, explain and apply criteria for developing and evaluating arguments. At the conclusion of the subject, students should also be able to explain and apply basic concepts and principles of inductive and deductive reasoning. The subject forms a basis for students progressing into any academic stream and provides a fundamental skills base that is applicable across disciplines.

Learning Outcomes

- Demonstrate an understanding of critical and creative thinking skills and appropriately use strategies of critical and creative thinking
- Recognise various writing genre and demonstrate an ability to write reports, essays
- Explain the main point of a text using relevant details to support the explanation
- Differentiate fact from opinion
- Evaluate the reliability, accuracy, relevance and quality of texts by applying criteria and supporting evidence
- Make predictions and draw conclusions based on supporting evidence
- Recognise and understand logical fallacies
- Develop arguments and rebuttals

FS0104 - Introduction to Learning and Development

This subject equips students with skills required for successful learning in a tertiary or work environment. Enables learners to understand their preferred style of learning and to develop thinking tools and management strategies. It will introduce students to fundamental communication principles and techniques involved in researching, analysing and presenting information to relevant audiences.

Learning Outcomes

- Understand the theory of multiple intelligences and develop their preferred and most effective learning styles
- In an effective way, organise their time, balance their commitments and manage their personal health and wellbeing
- Being able to take comprehensive notes and use a variety of rehearsal strategies
- Locate and identify community and university services and resources related to well-being
- Develop plans for researching a variety of topics using library, internet and other resource technologies
- Using APA referencing techniques, identify and evaluate relevant academic sources and effectively analyse and summarise academic texts and journals
- Learn to use various ways to stretch their memories to make it easier to learn and retrieve materials

FS0200 – Introduction to Mathematics

This module is designed to provide students with basic mathematical knowledge and skills at the secondary level. The subject is designed for students with a very basic level of secondary mathematics. They will gain knowledge and skills in basic arithmetic, algebra, trigonometry, analytical geometry, and coordinate geometry.

Learning Outcomes

On completion of this module, the student should be able to:

- Understand the fundamental of algebra, including factorization, substitution and transposition of both linear and non-linear equations.
- Understand the basic ratios, rates, and variation.
- Understand basic geometry, functions and graphs, linear relations and functions, basic curve sketching and polar coordinates.
- Understand basic trigonometry
- Apply the concept and learn to solve practical problems, including the use of electronics spreadsheet.

FS0201 – Economics

(1) Economics is the study of how people choose to use resources. Resources include the time and talent people have available, the land, buildings, equipment, and other tools on hand, and the knowledge of how to combine them to create useful products and services.

(2) The unit covers what is generally accepted as the subject area of fundamental economic theories, concepts and policies. Economic principles and concepts are applied in decision making in a business environment. An understanding of the general economic environment and its effect upon business organisations and their markets will be acquired at the end of the unit.

Learning Outcomes

- Be made aware of the underlying economic principles in the conduct of business activity.
- Develop an understanding and appreciation of economic factors and forces underpinning business activity and decision making.
- Acquire knowledge of key decision making processes at the micro and macroeconomic level. Understand and appreciate the international context of business activity

FS0202 - Human Perspective on World Geography

This subject introduces students to a broad examination of the relationship between human geography and the social sciences. Students will be able to appreciate the challenges facing the nation-state and our understanding of political community. Students will be exposed to a new spectrum with the increase in globalization, finance and culture. Many students will also appreciate the concept of environmentalism and its implications. Finally, students need to conceptualize the reshaping of places and their cultural and political identities in the wake of globalization and localism.

Learning Outcomes

Students will understand the following ideas with reference to a world view:

- roles, purposes, concepts, and skills relevant to geography
- major features of the physical and human environments
- characteristics of developed and developing nations
- population characteristics, distribution, growth, and challenges
- environmental management and protection, and economic growth in the context of sustainable development
- food production and distribution
- the status of industrialization and urbanization
- interdependence of the developed and developing nations

FS0203 - Introduction to Information Technology

The subject develops students' awareness of Information technology and how it is used between the physical and human environments in a constantly changing world. This subject aims to:

- Develop the IT abilities of students, such that they would understand and adapt to whatever IT environments that they might eventually be placed in
- Develop problem-solving skills in students through hands-on work
- Expose students to understanding and working on clients' needs, as well as communicating solutions in meeting these needs
- Expose students to and facilitate discussion on how IT can be used creatively and meaningfully
- Create an awareness and promote responsible use of IT, which includes IT security practices
- Equip students with leadership, teamwork, communication skills through experiencing team dynamics in groups

Learning Outcomes

1. Understanding and application: upon completion of the subject, students will have the understanding of how IT works, and hands-on competence in applying them.
2. Problem solving: This involves the Identify-Analyse-Implement process. Students will be exposed to a given problem in a business context to apply this process to:
 - Identify possible problems and their root causes
 - Analyse for possible solutions that would best address clients' needs
 - Recommend the best possible solution, communicate it to the client and implement it
3. Communication: This learning outcome focuses on communication with the client involving the results of problem solving, which can include content of a technical or business nature.
4. Worldviews: In a world where new information technologies constantly change how people live and do business, students are exposed to and encouraged to critically think about:
 - How IT is being used in organisations, businesses and daily life
 - How would one adapt to changes in the IT landscape at work and in daily living, even as IT continues to evolve and grow continuously
 - What is right and wrong in the cyberspace, and how each individual student will make a decision on it
 - How culture and communications are impacted by IT

FS0204 - English Fundamentals 2

This subject provides students with a clearer understanding of communication and the importance of it across different cultures. It also provides an opportunity for students to identify the different types of leadership qualities as well as the importance of team work. Interview skills, writing cover letters as well as resumes and presentations are also part of its curriculum.

Learning Outcomes

- Understand key concepts of communication and the communication process;
- Describe theories, models and principles underpinning various forms of communication;
- Develop cultural and social research skills to appreciate cultural diversities;
- Develop listening, speaking reading and writing skills through writing essays, assignments and presentations.
- Understand interview skills and how to write a cover letter accompanied by resume.
- Develop critical and analytical skills through planning and writing a formal business plan.

FS0205 - Preparatory Chemistry

The subject is designed and encourages students to solve problems in an evaluative and critical manner. At the end of the subject students should have the ability to generate, calculate, interpret and communicate numerical information in ways appropriate to the given discipline. Students will be exposed to the use of periodic table; stoichiometry; bonding; acids and bases; kinetics; chemical equilibrium; chemistry and energy; redox reactions; carbon compounds to enhance their knowledge of Chemistry.

Learning Outcomes

- to motivate students to think critically, to analyse and evaluate claims, evidence and arguments and to reason and deploy evidence clearly and logically
- to acquaint students with basic chemical principles and terminology
- to give students an appreciation of the central relevance in science of the discipline of chemistry;
- to promote individual and independent work
- to prepare students with limited background in the discipline to be able to undertake level 1 chemistry.

SUMMARY OF ASSESSMENT CRITERIA-PROPOSED

FS0100-English Fundamentals 1

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Book Review	indicative	Week 6	20%	invigilated
2. Group Research Project	indicative	Week 9	30%	
3. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0101 Communication Across Cultures

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Reflection Paper	indicative	Week 6	20%	
2. Group Research Presentation	indicative	Week 8	30%	Invigilated
3. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0102 Statistics

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline. Relevant statistical formulas and tables will be provided during the tests and examination.

Assessment		Due date	Weight	Non/Invigilated*
1. Test 1	indicative	Week 6	20%	Invigilated
2. Test 2	indicative	Week 10	30%	Invigilated
4. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0103 Critical Thinking

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Blog Project	indicative	Week 2,3,4,5	20%	Non-invigilated
2. Class Test	indicative	Week 6	30%	Invigilated
4. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0104 Introduction to Learning & Development

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Written Assignment	indicative	Week 6	20%	
2. Group Presentation	indicative	Week 8	30%	Invigilated
3. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment

FS0200 Introduction to Mathematics

Assessment Summary

Assessment will be based on assignment and the final examination at the end of the semester. The assignments are designed to help each student gauge his/her understanding of the material covered and should be considered an essential part of the subject.

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1 Tests:				
o Test 1(25%)	indicative	Week 6 & 10	50%	Invigilated
o Test 2(25%)	indicative			
2 Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is

Assessment Summary

FS0201 Economics

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due Date	Weight	Non/Invigilated
1. Class Test	indicative	Week 5	20%	Invigilated
2. Project/Video	indicative	Week 11	30%	
3. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0202 Human Perspective on World Geography

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Test	indicative	Week 6	20%	Invigilated
2. Presentation	indicative	Week 9	30%	
3 Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0203 Introduction to Information Technology

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Mid Term Test	indicative	Week 6	20%	Invigilated
2. Presentation	indicative	Week 7	30%	
4. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0204 English Fundamentals 2

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Business Report	indicative	Week 8	20%	invigilated
2. Group Presentation	indicative	Week 10	30%	
3. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.

FS0205 Preparatory Chemistry

Assessment Summary

A summary of the assessable items is provided in the table below. Assessment details are presented later in this subject outline.

Assessment		Due date	Weight	Non/Invigilated*
1. Practical Reports	indicative	Week 10	30%	Invigilated
2. Tutorials	indicative	Week 9	20%	
4. Examination		TBA	50%	Invigilated

* Invigilated assessment is assessment conducted in such a way that a member of staff of the University is thoroughly satisfied that the student is the author (including creator) of the work submitted for assessment.