



聖若瑟大學

UNIVERSITY OF
SAINT JOSEPH



2017
-
2018

聖若瑟大學 | 碩士及博士學位課程

GRADUATE PROGRAMMES

UNIVERSITY OF SAINT JOSEPH

MACAO



UNIVERSITY OF SAINT JOSEPH

聖若瑟大學

The University of Saint Joseph was created in Macao in 1996 by the Catholic Foundation for Higher Education (owned in equal parts by the Diocese of Macau and the Portuguese Catholic University) with the aim of setting up a Catholic University in Macao, closely following the model and standards of top European universities.

Our university follows an honourable and long history of Catholic tertiary education in Macao, initiated in the late 16th Century by Fr. Alessandro Valignano, founder of the University College of Saint Paul.

聖若瑟大學於1996年創立，由澳門教區與葡萄牙天主教大學共同設立的天主教會大學暨高等教育基金一同創辦，目標是在澳門建立一所緊隨歐洲一流大學模式和標準的天主教大學。

十六世紀時，亞歷山德羅·范禮安神父(Fr. Alessandro Valignano)創辦聖保祿學院，宣告了澳門天主教高等教育的開始。如今，聖若瑟大學仍延續着這一光榮而悠久的歷史。



ACADEMIC CREDENTIALS

The University offers a wide range of programmes across different fields of knowledge. The government of Macao accredits all our programmes, and our graduates have been able to pursue careers and further studies with prestigious local and international institutions.

聖若瑟大學提供多個不同學科領域的學位課程, 所有課程已獲澳門政府認證, 畢業生在多個知名的本地和國際機構中任職或繼續深造。



RICH ACADEMIC, SOCIAL AND CULTURAL LIFE

Come and visit USJ any given day and you are likely to find a concert, debate, public lecture or other academic or cultural activity. Besides strong academic programmes, being a student at USJ is an enriching and involving experience that enables you to develop multiple skills and interests.

不論何時來到聖若瑟大學, 學生將看到音樂會、辯論會、講座或者其他活動。除專業課程外, 學生亦能在活動中獲得豐富而具挑戰性的體驗, 從而幫助提昇自身技能, 發展多方面興趣。



FACULTY OF RELIGIOUS STUDIES

- ↳ Master of Religious Studies

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FACULTY OF HUMANITIES

- ↳ Master of History & Heritage Studies
- ↳ Mestrado em Estudos Lusófonos de Literatura (taught in Portuguese)
- ↳ Master of Philosophy

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SCHOOL OF BUSINESS

- ↳ Master of Business Administration
- ↳ Master of Community Development
- ↳ Master of Government Studies

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SCHOOL OF EDUCATION

- ↳ Post-Graduate Diploma in Education
- ↳ 學位後教育文憑課程 (taught in Chinese)
- ↳ Diploma de Pós-Graduação em Educação (taught in Portuguese)
- ↳ Master of Education

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FACULTY OF SOCIAL SCIENCES

- ↳ Master of Clinical Social Work
- ↳ Master of Counselling & Psychotherapy

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FACULTY OF CREATIVE INDUSTRIES

- ↳ Master of Architecture
- ↳ Master of Choral Conducting
- ↳ Master of Communication and Media
- ↳ Master of Design

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INSTITUTE OF SCIENCE AND ENVIRONMENT

- ↳ Master of Environmental Sciences and Management

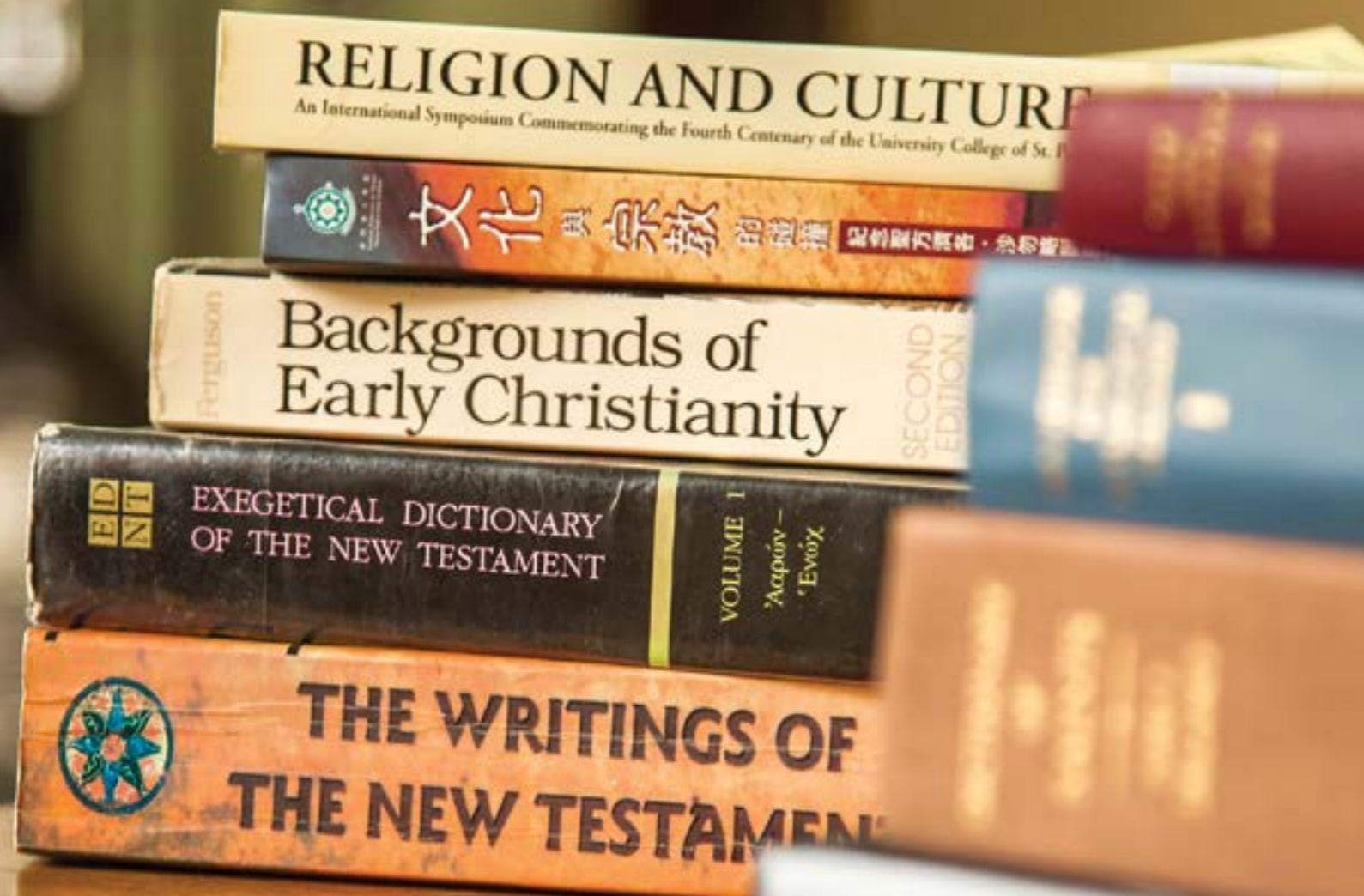
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DOCTORAL PROGRAMMES

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FACULTY OF RELIGIOUS STUDIES

↳ MASTER OF RELIGIOUS STUDIES



Religion is as old as humanity. Wherever there is human life, there is religion. The scholar F. Max Mueller states, "Whether we descend to the lowest roots of our own intellectual growth, or ascend to the loftiest heights of modern speculation, everywhere we find religion as a power that conquers, and conquers even those who think they have conquered it. Hence, understanding religion – as a major force in human experience – in its historical, social, political, intellectual, and artistic influence is self-evident.

The recently renamed "Faculty of Religious Studies" (FRS) provides a venue within the University of St. Joseph and the wider local community for the exploration of the historical, intellectual, social, and cultural aspects of the various religious traditions. Being situated in Macao, FRS continues the long tradition of dialogue between faith and culture.

Our Religious Studies Programmes are designed to cater to the needs of two classes of students:

(1) Those enrolled in the degree of Bachelor of Christian Studies. This is meant for religious men/women and lay individuals who are interested in an initial degree in Catholic theology, namely those preparing for the ordained ministry in the Catholic Church who require a canonical Bachelor degree in Catholic Theology. It prepares them for teaching and pastoral ministries, or further studies in Theology.

(2) Those who wish to do a Master or Ph.D. in Religious Studies. These graduate courses train students to develop a deeper understanding of religion and its relation to society and culture. Different religious traditions are explored through comparative and thematic studies in their specific historical and cultural contexts.

The Faculty of Religious Studies likewise hosts lectures, conferences, and evening classes for all comers from local society, to foster a sense of belonging to a vibrant intellectual and faith community.

Prof. Arnold T. Monera

Dean of the Faculty of Religious Studies
Sacrae Theologiae Doctor
Katholieke Universiteit Leuven, Belgium
atmonera@usj.edu.mo

MASTER OF RELIGIOUS STUDIES

This degree prepares students living in a multi-religious context to engage in dialogue with other religions and to do research in the many domains of Religious Studies.

The Master's degree of Religious Studies is an inter-disciplinary programme, providing professional, academic guidance, and on site field work in the different Macao religious heritage spots, as well as in historical archives, libraries and museums. Courses focus on the study and interpretation of Asian religions in their theoretical (e.g. beliefs, myths, philosophy), practical (e.g., rituals, practices) and sociological expressions (e.g., groupings).

TYPICAL CAREER OPTIONS

Pastoral work, elementary and secondary education, media, journalism, academic research.

KEY FEATURES

- ↳ Inter-disciplinary approach
- ↳ Combination of theory and praxis

Evening programme
2 years

Teaching medium
English

Campus
Seminary

Dean and Coordinator
of Religious Studies
Prof. Arnold Monera
atmonera@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students are required to complete 8 modules, followed by the completion of the dissertation. The Modules offered are:

Main Modules

Research Methods in Asian Religions

Chinese Religions

Indian Religions

Japanese Religions

Islamic Philosophy and Religion

Christianity in Asia

Interreligious Dialogue

New Religious Movements in Asia



FACULTY OF HUMANITIES

- ↘ MASTER OF HISTORY & HERITAGE STUDIES
- ↘ MESTRADO EM ESTUDOS LUSÓFONOS DE LITERATURA (taught in Portuguese)
- ↘ MASTER OF PHILOSOPHY

The study of the Humanities concerns how we document, describe, understand and reflect upon the human experience: essentially whatever humans have thought, written, spoken or created throughout history.

At USJ, we offer students a range of core Humanities disciplines including Philosophy, Chinese and Portuguese languages and cultures, and the study of History and Heritage. In each area of studies, we are concerned with critical, logical thinking and observation, the ability to analyse, evaluate and report through clearly expressed language. Our students are also encouraged to broaden their learning experience by participating in international exchange programmes.

Our central goal is to enrich the knowledge and understanding of our students about their world, while imparting fundamental practical skills. The study of the Humanities opens the door to a diverse range of career paths.

I welcome you to join us.

Prof. Alan Norman Baxter

Dean of the Faculty of Humanities
Doctor of Philosophy in Linguistics
The Australian National University
alan.baxter@usj.edu.mo

MASTER OF HISTORY & HERITAGE STUDIES

Historical connection between all the countries involved is the ground of study and investigation of this programme.

“History and Heritage” can be defined as an area of interdisciplinary studies. It involves research and teaching in the fields of History, History of Art and Heritage. In this programme students will learn about the specific historical and cultural contexts, the heritage and the pertaining identity not only of Macao (a declared UNESCO World Heritage in 2005) but also of the Pearl River Delta Region as well as of South and East Asia at large. This historical connection between all the countries involved is the ground of study and investigation of this programme. The conservation, study and management of the natural heritage of Macao in particular and South and East Asia in general, can then be considered as the features of expertise of this programme.

TYPICAL CAREER OPTIONS

This programme offers multiple career possibilities, not only in the context of Macao but also internationally. In addition to teaching and research in the area of History and Heritage, this degree allows working as technician or manager in the tourist industry, information sciences (libraries and archives), museums and collections as well as in communication and the cultural and publishing fields. It can also be the basis for further specialisations in conservation and restoration of heritage which are very important in the context of Macao and Southeast Asia.

KEY FEATURES

- ↳ Learning how to observe, study and think critically.
- ↳ Learning how to conduct research.
- ↳ Learning about Macao’s History and Heritage and its particular features in an East Asian context.
- ↳ Learning about Macao, the South/East Asian History and Heritage and its development in a 21st century context.

Evening Programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Dean of the Faculty of Humanities
Prof. Alan Norman Baxter
alan.baxter@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students are required to complete 4 main modules, followed by 4 specialisation modules. After completing the curricular part, students must complete a dissertation.

Main Modules

Introduction to Historical Research	World History and the Pearl River Delta: 1800 AD - Present
World History and the Pearl River Delta: 1400 AD -1800AD	Comparative Cultures in Asia

SPECIALISATION MODULES

Architecture & Conservation	Cultural Tourism Management	Design for Cultural Tourism	Historical Research
Conserving Cultural Artifacts	Strategic Management for Cultural Ventures	Exhibition and Set Design	Information Sources and Historical Research
Project Management	Entrepreneurship and Innovation	Virtual Reality Environments	Undertaking Historical Investigations
Rehabilitation of Structures	Urban Tourism Operations Management	Sales and Marketing for Cultural Experiences	Historical Research Practice I
Conservation Practice	Management Practice for Cultural Tourism	Design Practice for Cultural Tourism	Historical Research Practice II

MESTRADO EM ESTUDOS LUSÓFONOS DE LITERATURA

(TAUGHT IN PORTUGUESE)

Prepara os estudantes para intervirem como agentes académicos e culturais, no serviço diplomático, em organizações internacionais, em áreas profissionais relacionadas com os países de língua oficial portuguesa.

Este Mestrado aborda as Literaturas em Português na perspetiva dos estudos culturais comparatistas. Baseia-se no reconhecimento de Macao como uma plataforma privilegiada para o diálogo intercultural, entre a Ásia, a África, o Brasil e a Europa, no que respeita às culturas e nações lusófonas, unidas entre si por laços de mútuo interesse económico e pela memória comum da sua ligação a Portugal. Está estruturado em 9 módulos (27 créditos), de Estudos Pós-Coloniais, Comparatistas, Literários e Culturais, assentando no diálogo entre as literaturas dos países de expressão oficial portuguesa; segue-se a dissertação, compreendida como o culminar de um percurso de pesquisa pessoal sobre um aspeto relevante das culturas do mundo lusófono (9 créditos).

Programa Nocturno
2 years

Línguas de instrução
Português

Campus
USJ Green Campus

Coordenadora do Mestrado em Estudos Lusófonos de Literatura
Prof. Vera Borges
vera.borges@usj.edu.mo



HABILITAÇÕES PRÉVIAS RECOMMENDADAS

Grau de Licenciatura. Conhecimentos de Português e Inglês. A dissertação deve ser redigida e defendida em Português.

ESTRUTURA DO PROGRAMA

Os alunos têm que completar oito módulos, seguidos de um Seminário e da dissertação

Módulos

Introdução à Literatura Comparada

Estudos Pós-Coloniais: Teorias e Problemáticas

Literatura Portuguesa do Século XVI

O Oriente na Literatura Portuguesa do Final do Século XIX

Perspectivas Comparatistas: Similitudes e Cumplicidades entre as Literaturas em Português do Brasil e de África

História e Contemporaneidade: Jogo de Espelhos Ficcionalis no Romance Lusófono de África, Europa e Brasil

Influência da Poesia Oriental na Poesia Brasileira e Portuguesa Contemporânea

Literatura de Macau

OPÇÕES PROFISSIONAIS

Ensino e investigação em instituições académicas que incluam programas sobre a Lusofonia nos seus currículos

Intervenção sobre questões culturais, estéticas e políticas relativas às problemáticas do mundo lusófono em produções para os media

Trabalho no âmbito de instituições governamentais e políticas, em projetos humanitários, na carreira diplomática ou em ONG, no mundo lusófono

Aconselhamento e consultoria em questões culturais e históricas, na área da diplomacia, da política ou dos negócios orientados para o mundo lusófono

PRINCIPAIS CARACTERÍSTICAS

- ↳ Abordagem da Literatura numa perspetiva multidisciplinar, como acesso privilegiado a aspetos sociais, políticos e culturais do mundo lusófono.
- ↳ Entendimento dinâmico da investigação e do debate académico, visando um diálogo enriquecedor entre abordagens diversas e diferentes interlocutores culturais.
- ↳ Atenção particular à história de Macao e às complexas relações entre culturas (na perspetiva da perceção de si e da construção da identidade), no contexto dos Estudos Lusófonos.



MASTER OF PHILOSOPHY

To pursue USJ's long tradition in "humanistic education", and philosophy being at the core of Humanities, our Master degree in Philosophy with Specialisation in Compared Philosophies is designed to meet the needs of those who wish to explore philosophical issues either as an expansion of undergraduate studies or following a first degree in a subject other than philosophy.

Its aim is to provide research training in a manner that fosters the development of independent research skills.

The specialisation in Compared Philosophies focuses primarily on the question of philosophical methodology from a cross-cultural perspective. Different concepts, theories and approaches to issues concerning ethics and aesthetics, the mind and consciousness, culture and society, action and politics, among others, will be studied and discussed in the first year of the Master degree course. The second year will see students concentrating on their dissertation with the help of a seminar in research methodology.

TYPICAL CAREER OPTIONS

A Master of Philosophy with specialisation in Compared Philosophies demonstrates to an (prospective) employer in any field a capacity to reason and analyse complex issues as well as enhanced communication and writing skills. This will strengthen the applications of those pursuing careers in fields such as business, economics, law, medicine and publishing to name a few.

KEY FEATURES

- ↳ Identify philosophical problems in historical, social and cultural contexts;
- ↳ Apply critical thinking and analytical skills to a set of philosophical issues;
- ↳ Organise and pursue original and independent research projects;
- ↳ Prepare and deliver high quality presentations.

Evening Programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Dean of the Faculty of Humanities
Prof. Alan Norman Baxter
alan.baxter@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

Admission to the programme demands a Bachelor degree in an area of studies considered relevant for the programme.

PROGRAMME STRUCTURE

Year 1

Comparative Aesthetics

Philosophical Research Methods

Special Topics in Compared Philosophies

Comparative Ethics and Phenomenology

Methodology in Compared Philosophies

Epistemology and Ethics

Academic English Writing

Special Topics in Theoretical and Practical Philosophy

Intercultural Hermeneutics

Year 2

Dissertation

SCHOOL OF BUSINESS

- ↳ MASTER OF BUSINESS ADMINISTRATION
- ↳ MASTER OF COMMUNITY DEVELOPMENT
- ↳ MASTER OF GOVERNMENT STUDIES



At the School of Business we believe that innovative leaders will shape the twenty-first century collaboration economy. Our faculty draws on the humanistic, historical and commercial traditions of Macao to offer interdisciplinary and international-oriented programmes designed to advance innovation, development, and wellbeing of our communities.

We dedicate ourselves to creating a learning environment where you develop passion and responsibility for discovery, experimentation, integration, and citizenship. Our goal is to co-create with faculty and students experiences that have immediate impact on your personal development and in the long-term improve sustainability of organisations, society and the natural environment.

Our programmes emphasise problem-oriented and project-based learning. We are particularly interested in the interplay between economic and social dynamics in metropolitan areas and unexplored commercial routes. Hence, we seek to establish cooperation with other institutions, locally and overseas, that share similar purposes.

I am honoured to work with our faculty and students helping to embark on new journeys. Please visit our website and make us a visit.

Prof. José Alves

Dean of the School of Business

Ph.D Business Administration

University of Massachusetts, the United States of America

jose.alves@usj.edu.mo

MASTER OF BUSINESS ADMINISTRATION

This degree prepares you for managerial and leadership roles in business and social sectors.

The MBA programme provides students with cutting edge knowledge and skills that are necessary to practice management in fast changing environments, particularly in organisations operating within and with emerging countries. The programme challenges students to question preconceived ideas about management, develop critical and creative thinking, and become proactive learners. Emphasis is placed on the debate of contemporary business issues and opportunities, such as the nature and role of the manager in multicultural contexts, globalisation and trade, innovation and competition, ethics and sustainability. The learning methods include self-study, class discussions, team activities, and projects.

TYPICAL CAREER OPTIONS

- Entrepreneurs
- Marketing managers
- Human resources managers
- Banking and finance managers

KEY FEATURES

- ↳ Learning in a multicultural environment with international professors and students
- ↳ Learning that combines theory and action
- ↳ Learning that focus on developing business in emerging countries

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Master of Business Administration
Prof. Michael Trimarchi
michael.trimarchi@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students are required to study 7 main modules, followed by 3 specialisation modules. After the curricular part, students must complete a dissertation.

Main Modules

People, Strategy & Leadership in Organisations	Economics & Complexity in Organisations
Corporate Finance	Transnational Marketing
Process & Technology Management	Financial Reporting & Control
Creativity, Innovation & Entrepreneurship	

SPECIALISATION

Financial & Business Analysis

Advanced Corporate Finance (*)
Mergers & Acquisitions (*)
Financial Derivatives
Entrepreneurial Finance

Strategic Marketing & Management

Political Analysis & Markets (*)
Product Design & Development (*)
Integrating Operations & Marketing
Asian Business & Comparative Management

(*) These modules are compulsory for students selecting the respective specialisation



MASTER OF COMMUNITY DEVELOPMENT

The rapid and substantial economic development of Macao (and indeed China) must be accompanied by equal efforts in developing people and communities. Macao is a different city demographically, economically, socially, religiously, ethnically, linguistically, with a more focused and distinct identity in the global arena. Not surprisingly, while the outward identity of Macao has greater prominence and focus, inwardly, the city shows the scars of rapid change: dilution of traditional neighbourhoods, apprehension over the arrival of numerous foreign workers, social tensions derived from evolving economic realities, political activism that pacifies individuals, but does not better situations. Therein lies the need to develop persons who learn how to develop communities.

Community development focuses on the identification, allocation, and effective use of neighbourhood resources, such as people, formal and informal social groups and leadership structures, economic and financial conditions, and on the mobilisation of these resources to bring the community to a higher level of development. This programme of studies in Community Development at the Master's level belongs to the academic area of Social Work. It will expose to and train students in the major theoretical and practical approaches to the development of communities.

TYPICAL CAREER OPTIONS

Upon completion of the MCD programme, our graduates may pursue careers in the

- Macao SAR government
- National government agencies
- Local government units
- Non-government organisations (NGOs)
- International organisations / agencies

KEY FEATURES

- ↳ This programme is a theoretical and an applied multidisciplinary academic field and closely associated with sociology, economics, political science, psychology and business (marketing, organisational behaviour, finance).
- ↳ Enables students to learn its theoretical and applications in all sectors of society and all across the globe.

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Dean of School of Business
Prof. José Alves
jose.alves@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students must complete 9 modules, followed by the Dissertation.

Main Modules

People, Strategy & Leadership in Organisations	The Social & Physical Development of Communities
Creativity, Innovation & Entrepreneurship	Media Advocacy & Social Marketing
Power, Strategy & Social Change	Negotiation & Conflict Resolution
Research Design & Methodology	Managing Social Services
The Economic Development of Communities	



MASTER OF GOVERNMENT STUDIES

This Master aims to comprehend the systemic process of political development and management, governmental structures and practices in regional, national and global contexts. The programme offers theoretical and practical leadership training for the new generation of government top officials and civil servants to enable them to understand and manage global changes, crises, disputes and reform.

TYPICAL CAREER OPTIONS

Professionals aiming at entering into or progressing within a career in the public sector, regional and international levels.

KEY FEATURES

- International faculty with global outlook and regional insights
- Curriculum combining theory and practice

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Government Studies
Prof. Vincent Yang
vcyang@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students are required to complete 5 main modules, followed by 4 specialisation modules and the dissertation.

Main Modules

Ethics in Public Policy and Administration

Negotiation and Conflict Resolution

Globalisation and Governance

Research Methodology

Managing People in Public Administration

SPECIALISATION

Governance

Global Realities and the Emergence of New Forms of Governance

Institutional Government and Economic Development

Growth Management: Land Use, Environment and Community Planning

Leadership, Ethics and Diversity

Public Policy Development

Mass Media and Public Policy

Moral Dimensions of Public Policy

Analytical Frameworks for Policy

Development Policy Strategy

Institutional Leadership & Performance

The Role of the Civic and Business Communities in Development

Conflict, Cooperation and Strategy

Managing Social Services

Leadership and Managerial Effectiveness

Public Accounting & Finance

Public Budgeting and Financial Management

Analysis of Fiscal Conditions

Financial, Managerial and Government Accounting

International Financial Policy: Issues and Analysis



SCHOOL OF EDUCATION

- ↳ POST-GRADUATE DIPLOMA IN EDUCATION
- ↳ 學位後教育文憑課程 (TAUGHT IN CHINESE)
- ↳ DIPLOMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO (TAUGHT IN PORTUGUESE)
- ↳ MASTER OF EDUCATION



The School of Education is a learning community in which all of our students feel valued and cared. We see as our goal to guide students to excel in their field of interest and to bring out their personal qualities and talents. Students are supported to cultivate integrity, tolerance, perseverance, wisdom, and creativity. We aim to foster communication skills, to encourage collaboration, and to promote critical thinking and innovation. We enthusiastically welcome the cultural diversity of our students.

Students are prepared to take up professional posts in the fields of education, human resource management and other service related areas. Improving the quality of teacher education, as well as developing strategies for meeting intellectual, scientific, technological, demographic, and economic challenges are all our fundamental goals.

The School includes local and overseas scholars in the fields of Education, allowing students the opportunity of being exposed to a wide range of theoretical perspectives, policies and practices. We regularly invite academics and researchers from various continents to run workshops and conferences on topics linked to key social and educational issues of regional and global interest.

Prof. Ana Correia

Dean of the School of Education
Ph.D Education
University of Saint Joseph, Macao, China
Email: ana.correia@usj.edu.mo

POST-GRADUATE DIPLOMA IN EDUCATION

Become an effective, reflective, inspiring and culturally sensitive infant, primary or secondary school teacher

The one year Post Graduate Diploma in Education with three streams, infant, primary and secondary education, provides student-teachers (pre-service and in-service teachers) a combination of sound theoretical foundation, pedagogic knowledge, classroom management skills, and professional competencies to prepare them to become highly qualified and skilled kindergarten, primary or secondary teachers.

The programme reviews and considers different educational theories, concepts and perspectives within the field of learning and teaching, curriculum development and evaluation, educational psychology, inclusiveness, and communication technology. The two teaching practicums in schools is one of many key features of the programme. It offers opportunities for student-teachers to develop transferable skills and transform theory into practice.

The PGDE programme is offered in English, Chinese or Portuguese language. However, all streams in English, Chinese and Portuguese may not be offered in every academic year.

In-service teachers attending PGDE programme are entitled for subsidy from DSEJ. For details, please visit DSEJ website.

Evening programme
1 year full-time evening programme

Teaching medium
English, Chinese or Portuguese

Campus
USJ Green Campus

Coordinator of Post-Graduate Diploma in Education
Prof. Isabel Tchiang
isabel.tchiang@usj.edu.mo



TYPICAL CAREER OPTIONS

- Teaching in infant, primary and secondary schools.
- Education administrators
- Instructional designers
- Tutoring and educational consultants

KEY FEATURES

- ↳ Designed to fulfill the demand for highly qualified infant, primary and secondary teachers in Macao.
- ↳ Follows the educational pathway established by Macao's new education legislation.
- ↳ Recognised by the Education and Youth Affairs Bureau of the Macao SAR as a teacher training qualification.
- ↳ Designed to give teachers the opportunity to improve their professional practice, competence, transferable skills and transform theory into practice.

RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

Degree holders of Social Sciences, Natural Sciences, Mathematics, Information Technologies, Languages, Literatures, Moral Education or Religion are preferred.

PROGRAMME STRUCTURE

Each pathway consists of 5 core modules and 2 teaching practicums in local schools.

Main Modules

Principles of Education	Classroom Management and Leadership
Curriculum Development and Evaluation	Family, Community and Schools
Information and Communication Technology in Education	

SPECIALISATION

Infant	Primary	Secondary
Teaching and Learning Methods (Infant Education)	Teaching and Learning Methods (Primary Education)	Teaching and Learning Methods (Secondary Education)
Psychology of Child Development	Psychology of Child Development	Psychology of Adolescent Development
Teaching Practice I (Infant Education)	Teaching Practice I (Primary Education)	Teaching Practice I (Secondary Education)
Teaching Practice II (Infant Education)	Teaching Practice II (Primary Education)	Teaching Practice II (Secondary Education)



學位後 教育文憑課程 (TAUGHT IN CHINESE)

學位後教育文憑課程是為了培養學員們成為有效的幼兒、小學或中學的老師

學位後教育文憑課程提供學員們(預備職前老師及在職老師)一套紮實的理論基礎,當中包括教育知識,課堂管理技能以及專業能力,以培養他們成為高素質的幼兒,小學或中學教師。課程從教育理論至教學實踐都以多角度探討,並教授課程發展與評鑑,教育心理學,教學法和資訊及通訊科技教育等領域。文憑涵蓋七個理論科目和兩個實習科目,並由本地和海外的資深學者授課,並有助與國際教育論文研究和發展趨勢接軌。兩個實習科目的重點是安排學員們在本地學校進行。實習課程讓學員們能夠和一些經驗豐富的教師一起工作,使他們可以通過實踐所學的知識,來增強教學的信心。為期一年的課程可選擇以英語,中文或葡語授課。

修讀學位後教育文憑課程的在職教學人員可獲學費資助,詳情請瀏覽教育暨青年局網頁。

晚間課程
1年

授課語言
中文

上課地點
聖若瑟大學新校舍

學位後
教育文憑課程主任
Prof. Isabel Tchiang
isabel.tchiang@usj.edu.mo



相關入學條件

擁有學士學位,具備社會科學,自然科學,數學,資訊和通訊科技,語言,文學或德育及宗教等學系者優先

課程結構

每個專業由五個核心課程、兩個專科課程及兩個階段於本地學校進行的教學實習所組成。

核心課程

教育原理
課程發展與評鑑
資訊及通訊科技教育
教室管理與領導
家庭、社區與學校

專業課程

幼兒教育

教學法(幼兒教育)
兒童發展心理學
教學實習I(幼兒教育)
教學實習II(幼兒教育)

小學教育

教學法(小學教育)
兒童發展心理學
教學實習I(小學教育)
教學實習II(小學教育)

中學教育

教學法(中學教育)
青少年發展心理學
教學實習I(中學教育)
教學實習II(中學教育)

就業出路

- 幼兒、小學或中學教師
- 學校管理人員
- 課程教學設計師
- 教學輔導和教育顧問

主要特點

- ↳ 培養學員們的教學技能,教育知識和專業態度,使他們成為高效能的教師。
- ↳ 專為滿足澳門對高質素的幼兒,小學和中學教師的需求。
- ↳ 是教育暨青年局所認可的教師資格培訓課程。



— DIPLOMA DE PÓS-GRADUAÇÃO EM EDUCAÇÃO (TAUGHT IN PORTUGUESE)

O Diploma de Pós-Graduação em Educação (PGDE) visa a formação de educadores de infância, professores do ensino primário ou secundário.

O programa de PGDE oferece aos alunos uma sólida base teórica na área da educação e do ensino-aprendizagem, desde competências profissionais a conhecimentos pedagógicos e de gestão de sala de aula, fornecendo-lhes as qualificações necessárias para a docência em escolas infantis, primárias e secundárias. O programa examina teorias educacionais e boas práticas no campo do desenvolvimento curricular e da avaliação, da psicologia educacional, das metodologias de ensino-aprendizagem e das tecnologias de comunicação. Inclui sete módulos concebidos e leccionados por académicos locais e estrangeiros, os quais reflectem os resultados da investigação realizada internacionalmente nesta área do conhecimento e as diferentes tendências educacionais da actualidade. Para além da frequência das aulas na universidade, os alunos completam dois estágios em escolas locais, os quais constituem uma característica marcante do programa. Durante os estágios os alunos trabalham em ambiente escolar com professores experientes, aplicam os conhecimentos previamente adquiridos e desenvolvem a sua auto-confiança como professores.

OPÇÕES PROFISSIONAIS

- Ensino em jardins de infância, escolas primária e secundárias
- Administração escolar
- Planeamento curricular
- Tutoria e consultoria educacional

PRINCIPAIS CARACTERÍSTICAS

- ↳ Fornece as competências pedagógicas relevantes, o conhecimento e a atitude profissional requeridos para o exercício efetivo da profissão docente.
- ↳ Atende à procura de educadores de infância e de professores primários e secundários devidamente qualificados.
- ↳ É reconhecido pela Direcção dos Serviços de Educação e Juventude da RAEM como acreditação profissional nas áreas do ensino infantil, primário e secundário.

Programa nocturno
1 ano

Língua de Instrução
Português

Campus
USJ Campus Verde

Coordenadora do Diploma de Pós-Graduação em Education
Prof. Isabel Tchiang
isabel.tchiang@usj.edu.mo



HABILITAÇÕES PRÉVIAS RECOMENDADAS

Licenciatura, preferencialmente nas áreas das Ciências Sociais, Ciências Naturais, Matemática, Tecnologias de Informação e Comunicação, Línguas, Literatura, ou Educação Moral e Religiosa.

ESTRUTURA DO PROGRAMA

Aos alunos é requerido o estudo de cinco módulos comuns, seguidos de quatro módulos de especialização.

Módulos comuns

Fundamentos da Educação	Família, Comunidade e Escola
Desenvolvimento e Avaliação Curricular	
Tecnologias da Informação e da Comunicação em Educação	
Gestão e Liderança de Aulas	

ESPECIALIZAÇÕES

Ensino Infantil	Ensino Primário	Ensino Secundário
Métodos de Ensino-Aprendizagem (Ensino Infantil)	Métodos de Ensino-Aprendizagem (Ensino Primário)	Métodos de Ensino-Aprendizagem (Ensino Secundário)
Psicologia do Desenvolvimento da Criança	Psicologia do Desenvolvimento da Criança	Psicologia do Desenvolvimento do Adolescente
Estágio Pedagógico I (Ensino Infantil)	Estágio Pedagógico I (Ensino Primário)	Estágio Pedagógico I (Ensino Secundário)
Estágio Pedagógico II (Ensino Infantil)	Estágio Pedagógico II (Ensino Primário)	Estágio Pedagógico II (Ensino Secundário)



MASTER OF EDUCATION

This Master programme with two specialisations in Special Needs and Inclusive Education and School Management and Leadership provides a combination of a sound theoretical foundation and professional competence in two of the most important educational areas of our society..

Special Needs and Inclusive Education

The Master of Education programme with Specialisation in Special Needs and Inclusive Education is designed for teachers and persons involved and/or interested in serving individuals with disabilities or other exceptionalities, mainly in regular school settings. The M.Ed. focuses on the theoretical, evidence-based, methodological and practical aspects of teaching and learning in inclusive and culturally diverse classrooms. The programme challenges traditional beliefs related to special needs education and fosters professional competence to educate student with special needs (SEN) and gifted students. Professors teaching in the programme are international and local academics with accomplished roles as researchers and practitioners in the field of inclusive education and classroom diversity.

School Management and Leadership

The Master of Education programme with Specialisation in School Management and Leadership is designed for teachers, middle management school personnel, school administrators and persons involved and/or interested in educational leadership processes. With a broad and deep understanding of educational leadership related areas such as curriculum planning and development, school evaluation and change, and management of human and material resources, the candidates are set to become leaders in school settings in or out of the classroom.

Professors teaching in the programme are international and local academics with accomplished roles as researchers and practitioners in the field of school management and educational leadership.

TYPICAL CAREER OPTIONS

Special Needs and Inclusive Education

- Inclusive classrooms teachers
- Resource teachers
- Educational researchers
- Educational journalists
- Tutoring and educational consultants

School Management and Leadership

- Teachers
- Middle management personnel at schools
- Educational researchers
- Educational journalists
- Tutoring and educational consultants

KEY FEATURES

- ↳ Provides students with an understanding of central issues across different areas in the education field, such as Macao's school policy, sociology of education, developmental psychology, curriculum design, development and differentiation, the use of information technology in the classroom, and educational research.
- ↳ A concentration either in the fields of school management and educational leadership or in the field of gifted and special education needs.
- ↳ An innovative approach to educational theories and practices with a balanced view of global trends and a sound comprehension of the local educational context.

Evening programme
2 years

Teaching medium
English or Chinese

Medium for dissertation
English, Chinese or Portuguese

Campus
USJ Green Campus

Dean of the School of Education
Prof. Ana Correia
ana.correia@usj.edu.mo

PROGRAMME STRUCTURE

Students must complete 6 main modules, followed by 3 specialisation modules and the dissertation

Main Modules

Society, Educational Policy and Development
Educational Psychology
Curriculum Design and Development
Inclusive Education: Vision, Policy and Implementation
Information Technologies in Education
Educational Research Methods
Dissertation

主要科目

社會、教育政策與發展
教育心理學
課程設計與發展
特殊教育：願景、政策與執行
教育科技資訊
教育研究法
論文

Specialisation

Special Needs and Inclusive Education
Giftedness and Learning Disabilities
Autism Spectrum Disorder and Physical and Sensory Disabilities
Internalising and Externalising Disorders

專業

特殊和融合教育
資優與學習障礙
自閉症類群障礙、肢體障礙及感官障礙
內在及外在障礙

Specialisation

School Management and Leadership
School Leadership and Planning
Management of Human and Material Resources
School Evaluation and Improvement

專業

學校管理與領導
學校領導與規劃
人力和物資管理
學校評鑑與改進

RECOMMENDED PRIOR KNOWLEDGE

The programme is designed for candidates who preferably hold teaching certification, however applicants with other backgrounds will be considered.



FACULTY OF SOCIAL SCIENCES

▾ MASTER OF CLINICAL SOCIAL WORK

▾ MASTER OF COUNSELLING & PSYCHOTHERAPY



Social science is a very wide field of research and action, and USJ has chosen two sectors in this field: Psychology and Social Work. Some would say that these two dimensions belong to helping professions. Indeed they are, and they have specific expertise to offer. But the trainings we offer are open to many other professions in the market, for example in human resource management or in the hospitality industry. Because we focus on the person, in his/her desire to live a life he/she has reason to value, our teaching and training are person-centred, on what students can achieve at their best. For this, besides formal classroom teaching, we emphasise personal "coaching", which is important for acquiring requested knowledge and developing personal talents for the good of the person and society. In so doing, our ambition is to contribute, with other partners, to the flourishing of Macao community by giving it responsible experts open to wide horizons.

Prof. Dominique Tyl

Dean of the Faculty of Social Sciences
Doctorate in Political Sociology
University Paris X, France
dominique.tyl@usj.edu.mo

MASTER OF CLINICAL SOCIAL WORK

Social work education and practice in Macao and China has undergone acceptance and recognition in the process of social, economic and sustainable development in this contemporary society and worldwide.

Macao (and the Region) has been experiencing disturbing social problems impacting children, youth / young people, individual adults and families such as suicide, trauma, teenage pregnancy, abusive homes, addiction (i.e., to gambling, alcohol / drugs, and internet / cyber/ virtual technology), dysfunctional family relationships, domestic violence, sexual assault / abuse / rape, violence (i.e., physical, emotional, psychological), culture and generation gaps, degenerating family and moral values, sexual dysfunctions and other biopsychosocial disorders to individuals and families.

These requires specialist social workers with intensive knowledge and training in Clinical Social Work.

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Master of Clinical Social Work
Prof. Suzette M. Agcaoili
suzette.agcaoili@usj.edu.mo



TYPICAL CAREER OPTIONS

- Entrepreneurs
- Marketing managers
- Human resources managers
- Banking and finance managers

KEY FEATURES

↳ This programme shares with all social work practice the goal of enhancement and maintenance of psychosocial functioning of individuals, families, and small groups. (NASW, 1984).

↳ It is the professional application of social work theory and methods to the treatment and prevention of psychosocial dysfunction, disability, or impairment, including emotional and mental disorders. It is based on knowledge of one or more theories of human development within a psychosocial context. (NASW, 1984)

↳ This programme adopts, adheres and implements the international curricula, international Code of Ethics, principles and standards for the practice of Clinical Social Work.

PROGRAMME STRUCTURE

Students must complete 4 main modules, followed by 5 specialisation modules and the dissertation.

Main Modules

Advanced Social Work Practice

Counselling and Psychotherapy Skills

Macro Social Work and Contemporary Family Issues

Group Work Practice: Clinical

SPECIALISATION

Counselling and Therapeutic Practice: Advance Case Management (3 credit units)

Clinical and Psychosocial Interventions with Vulnerable and Dysfunctional Individuals and Families (3 credit units)

Traumatology, Post-Traumatic Stress Disorder and Treatment (3 credit units)

Special Topics in Social Work (3 credit units)

Research Design and Methodology (3 credit units)

Dissertation (9 credit units)

RECOMMENDED PRIOR KNOWLEDGE

Bachelor degree is required preferably in Social Work and other related social science degree, i.e., Sociology, Psychology, and other Behavioral and health Science courses.

For those who have no Bachelor of Social Work (BSW) degree, the foundation courses are pre-requisite such as: Introduction to social work, Casework, Group Work, Community Work, Methods and Skills in Counselling prior to enrollment to Master of Clinical Social Work (MCSW) programme.

MASTER OF COUNSELLING & PSYCHOTHERAPY

An integrative approach to the development of psychological counselling skills.

The Master of Counselling and Psychotherapy aims to provide students with both the knowledge and skills necessary in order for them to become an effective psychological counsellor. The programme reviews and considers the different perspectives and orientations within the field of counselling as well as some of the fundamentals of mental health assessment. The skills of counselling are explored within a range of different therapeutic areas together with an opportunity to put these skills into practice.

TYPICAL CAREER OPTIONS

- School Counsellor – help students deal with academic, personal and career challenges so they can succeed in their studies.
- Family/Relationship Counsellor – work together with individuals and groups to develop harmonious interpersonal relationships.
- Mental Health Counsellor - provide support, counselling and development to people seeking personal and mental health assistance.

KEY FEATURES

- ↳ Provides students with a clear understanding of the ways in which psychological knowledge informs counselling practice.
- ↳ Gives students the knowledge and skills required to work competently, ethically and professionally with clients.
- ↳ Encompasses both theory and practice enabling students to describe and explain the research base and methodologies relevant to counselling and psychotherapy.

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Counselling and Psychotherapy
Prof. Vitor Teixeira
vmteixeira@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students must complete 4 main modules, followed by 4 optional modules and the dissertation.

Main Modules

Introduction to Counselling and Psychotherapy

Psychological Assessment, Testing and Diagnosis

Counselling and Therapeutic Practice I

Counselling and Therapeutic Practice II

Optional Modules

Family and Marriage Counselling

Youth and Child Counselling

Work and Mental Health: Stress, Pain and Coping

Workplace Counselling: Guidance, Mediation and Resolution

Behavioral, Cognitive and Humanistic Therapies

Psychotherapeutic Approaches to Addiction



FACULTY OF CREATIVE INDUSTRIES

- ▾ MASTER OF ARCHITECTURE
- ▾ MASTER OF CHORAL CONDUCTING
- ▾ MASTER OF COMMUNICATION AND MEDIA
- ▾ MASTER OF DESIGN



The field of Creative Industries is an innovative paradigm within today's knowledge-based society. It is closely associated with recent trends in cultural activities, digital technologies, and sustainable urban development. The creative and cultural industries are furthermore acknowledged as a strategic model for the development of vibrant and pioneering clusters of business and entrepreneurship in Macao and the Pearl River Delta. Created in 2012, the Faculty of Creative Industries integrates some of the more successful programmes of our university, ranging from the most traditional sectors of the Creative Industries, such as Design, Architecture, and Communication & Media, to new fields of study that increasingly converge in the creative domain, such as Information Systems, Interactive Media Technology and Environmental Urban Development. Some of our programmes, such as Architecture, are unique within the higher education system of Macao, but above all, the integration of these complementary areas within the same faculty introduced a multidisciplinary community, in which students have access to exceptional educational opportunities and a work environment that allows them to extend their abilities to the utmost.

Prof. Álvaro Barbosa

Dean of the Faculty of Creative Industries
Ph.D Computer Science and Digital Communication
Universitat Pompeu Fabra, Barcelona, Spain
abarbosa@usj.edu.mo

MASTER OF ARCHITECTURE

The Master of Architecture will prepare you for a career as a professional architect.

The Master of Architecture provides students with opportunity to gain the creative abilities, technical skills, and professional knowledge necessary to become an effective and respected architect in Macao and internationally. Topics range from contemporary digital design techniques to architectural heritage preservation, and the entire programme is founded on an appreciation of the importance of sustainability and resource conservation.

TYPICAL CAREER OPTIONS

- Architect
- Architectural Historian
- Construction Manager
- Interior Designer
- Urban Planner

KEY FEATURES

↳ Design studios and lecture-based modules are taught by a mixture of local faculty members and eminent visiting professors. All are internationally recognised professionals, providing the opportunity to develop architectural skills in a global context.

↳ Approved by the Macao government, this degree leads to a career as a professional architect.

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator for the Department of Architecture
Prof. Thomas Daniell
thomas.daniell@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

Students should have completed the USJ Bachelor of Architectural Studies, or hold an approved equivalent qualification. A portfolio of creative work is required for application to the programme.

PROGRAMME STRUCTURE

Students must complete 8 main modules, followed by a final project and the dissertation

Main Modules

Architectural Research Methods

Construction Documentation & Communication

Architectural Design Methods

Building Ecologies

Topics in Urbanism

Topics in Architecture Appliances

Portfolio & Internship

Management & Entrepreneurship



MASTER OF CHORAL CONDUCTING

New intensive Master Programme in Choral Conducting focused on the recent expansion of Choral Music in Asia and targeting students from different backgrounds, culture and experiences

This programme addresses the technical, artistic and social demands of a contemporary conductor, through a set of expertise that provide an accurate and truthful approach to the music score, a genuine understanding of musical requirements, a careful planning of public performances and the use of unmistakable conducting techniques. USJ's Master of Choral Conducting is designed as an intensive programme, ideal for students that cannot have a permanent presence in Macao. Therefore, the Curricular Modules are offered in 2 intensive periods of 4 weeks, during the first academic year (total of 8 weeks), and a second year of supervised dissertation development. Upon completion, students are awarded with a worldwide recognised Diploma, after working together with internationally renowned musicians and scholars from the Faculty of Creative Industries at USJ.

TYPICAL CAREER OPTIONS

- Choral Conductor
- Choral Musicology Researcher
- Choral Music Professor
- Music Educator

KEY FEATURES

- ↳ International Renowned Faculty
- ↳ Intensive Training for the Curricular component
- ↳ Practical Choral Conducting practice

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Choral Conducting
Prof. Álvaro Barbosa
abarbosa@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

Bachelor Degree in the field of Music

PROGRAMME STRUCTURE (YEAR 1)

Students must complete 11 main modules, followed by the dissertation

Modules

- Choral Conducting I
- Music Analysis I
- Leadership
- Voice
- Choral Literature
- Seminar

PROGRAMME STRUCTURE (YEAR 2)

Main Modules (July)

- History of Choral Music
- Choral Conducting II
- Music and the Brain
- Music Analysis II
- Research Design and Methodology

(September to May)

- Dissertation



MASTER OF COMMUNICATION AND MEDIA

This degree will place you at the forefront of contemporary information society.

Our Master of Communication and Media programme is anchored on the bachelor of Communication and Media programme, a strong reputation degree that has attracted significant enrollment over the last few years. Upon the conclusion of this Master degree, students will hold knowledge and skills to develop academic and commercial research in the field of communication sciences. Furthermore technical and practical topics are covered, ranging from audiovisual production to online digital publishing techniques, reflecting upon the entire range of modern platforms from print to social media. This programme embraces the core values of morality and ethics, which are responsible for human decisions and actions at an individual, communal, societal, and at the global level and it will address topics dealing with the interrelationship between media, cultures, and different forms of social organisations.

TYPICAL CAREER OPTIONS

- Journalism
- Public Relations
- Multimedia
- Audiovisual media production
- Marketing
- Event management
- Visual culture

KEY FEATURES

- ↳ Learning by practice
- ↳ Media and cultural production
- ↳ Media systems in different cultural environments
- ↳ Media and technology
- ↳ The relationship and articulation between mass media and mass-self communication
- ↳ We will prepare you with a solid foundation in learning, exploring existence, as well as the function of using different fields and gaining expertise in advanced tools.

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Communicatoin and Media
Prof. José Manuel Simões
jmsimoes@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

Applicants are required to be proficient in English language

PROGRAMME STRUCTURE (YEAR 1)

Students must complete 10 main modules, followed by a final project and the dissertation

Main Modules

- Audiovisual Media Production
- Marketing and Corporate Communication
- Systematic Creativity and Entrepreneurship
- Media, Society and Culture
- Infographics and Multimedia Design
- Public Relations and Event Management
- Ethics and Global Citizenship
- Visual Culture

(YEAR 2)

Main Modules

- Research Seminar
- Media Publishing and Portfolio



MASTER OF DESIGN

The Master of Design will prepare you for a career as a designer in a wide range of professional fields.

The Master of Design enables students to develop the creative abilities and technical skills necessary to become an effective and respected design professional in Macao and beyond. The course is aimed at practicing designers, architects, and related professionals who wish to enrich their knowledge and skills through working with internationally respected designers and educators. Applicants must hold an undergraduate degree and have professional working experience in any design field. Founded on an appreciation of the importance of sustainability and resource conservation, the course incorporates a wide range of techniques, with a particular focus on graphic design and product design.

TYPICAL CAREER OPTIONS

- Fashion designer
- Graphic designer
- Interior designer
- Product designer
- Set designer
- Design teacher

KEY FEATURES

- ↳ Design studios and lecture-based modules are taught by a mixture of local faculty members and eminent visiting professors. All are internationally recognised professionals, providing the opportunity to develop design skills in a global context.
- ↳ This degree leads to a career as a professional designer in a wide range of professional fields, with a particular focus on graphic design and product design.

Evening programme
2 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator of Design
Prof. Carlos Caires
cartos.caires@usj.edu.mo



RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

PROGRAMME STRUCTURE

Students must complete 5 main modules and 4 specialisation modules, followed by the dissertation.

Main Modules

- Visual Communication
- Interactive Multimedia
- Digital Model Construction
- Design, Materials & Construction
- Research Methods in Design

SPECIALISATION

Spatial Design

- Environmental Design
- Computer Technology in Environmental Design
- Virtual Reality Environments
- Design and Space and Time

Transportation Design

- Transportation Systems' Design
- Vehicle Design
- High-end 3D Animation and Modeling
- Vehicle Manufacturing Processes

Industrial Design

- Industrial Design
- Product Design
- Computer Technology for Structural Systems
- Manufacturing Processes

Interactive Design

- Interactive Multimedia Installation
- Interactive Multimedia for Product
- Virtual Reality Environments
- Interactive Technology in Industrial Design



INSTITUTE OF SCIENCE AND ENVIRONMENT

MASTER OF ENVIRONMENTAL SCIENCES AND MANAGEMENT



Modern societies are facing major environmental, social, economic and health challenges as consequence of rapid population growth, urbanisation and rise in global affluence. These concerns are particularly relevant for Macao, located downstream to the highly industrialised Pearl River Delta region and one of the most densely populated areas of the world. Overcoming these challenges will require a coordinated effort from different sectors of the society. In particular, advances in science and technology seem fundamental aids to a successful transition towards more sustainable and healthier societies.

The Institute of Science and Environment develops basic and applied research in different domains of science, including Biology, Environmental Sciences, and Earth Sciences. Our mission is to contribute towards a deeper understanding of the natural world by a sound scientific approach and, when possible, to provide useful knowledge for decision and policy-making in science and environment-related topics.

The Institute is also focused in science dissemination and education as it believes that proper education in science and technology is fundamental for responsible decisions by citizens and, ultimately, social progress. The Institute regularly undertakes science and environmental education actions directed to the general public and to students from all levels of education.

Students from both graduate and undergraduate levels have the opportunity to participate in our research projects and receive training in advanced science and technology methods and concepts. This provides a dynamic and engaging learning environment where students can actively contribute to scientific progress, while developing as skilled professionals and responsible citizens.

Prof. David Gonçalves

Dean of the Institute of Science and Environment
Ph.D Biology
University of Lisbon, Portugal
david.goncalves@usj.edu.mo

MASTER OF ENVIRONMENTAL SCIENCES AND MANAGEMENT

The Master of Environmental Sciences and Management will prepare you to work in academic, technical and management areas related with environment.

The increasing pressure on natural resources and rising environmental degradation is driving a demand for well-trained professionals in environmental sciences and management both by the private and public sectors. The programme balances research-based modules (e.g. Environmental Technologies; Ecotoxicology and Environmental Health) with management-related modules (e.g. Environmental Management; Creativity, Innovation & Entrepreneurship) to train professionals that master the specific concepts and methods of environmental sciences and that are also able to implement environmental solutions in organisations and industries.

A highly qualified body of international researchers from diverse scientific areas supports the programme, allowing students to be integrated in research projects and receive hands-on training in advanced methods and techniques in environmental sciences. This provides a dynamic and engaging learning environment where students can develop skills and acquire knowledge useful for a career in a number of environment-related areas. Ultimately, the programme aims to increase the supply of professionals that can contribute with solutions to the demanding environmental challenges that the world is facing.

TYPICAL CAREER OPTIONS

- In companies and governmental agencies of any nature to implement Environmental Management Systems;
- In Environmental Impact Assessment, Environmental Quality Monitoring and Environmental Remediation teams;
- In laboratories to establish and run analytical protocols for the quantification and characterisation of pollutants;
- As technicians in liquid and solid waste management stations;
- As consultants in environmental consulting companies;
- As educators in environmental sciences;
- In environmental protection governmental agencies and NGOs;
- In R&D in environmental sciences in private and public companies;
- As researchers in universities and higher education institutes.

KEY FEATURES

- ↳ A first year that provides a broad training in relevant concepts and techniques in environmental sciences and management and a second year that promotes specialisation by internships and/or development of a research project in a specific topic for the dissertation;
- ↳ Organised in close connection to research projects coordinated by the lecturers of the modules, allowing students to be integrated in active research teams;
- ↳ Broad range of career options in the private and public sector.

RECOMMENDED PRIOR KNOWLEDGE

A Bachelor degree is required.

Scholarships available for this programme.
Contact Admissions Office for further details.

PROGRAMME STRUCTURE

Students must complete 6 main modules and 4 optional modules, followed by a final project and a dissertation

Main Modules

Creativity, Innovation & Entrepreneurship
Environmental Sciences
Environmental Law and Politics
Research Methods and Data Analysis
Pollution and Waste Management
Environmental Management

Optional Modules

Environmental Ethics
Ecology and Ecosystem Conservation
Environmental Technologies
Climate Change and Coastal Processes
Ecotoxicology and Environmental Health
Environmental Impact Assessment and Environmental Standards

Evening programme
2 years

Teaching medium
English

Campus
NAPE 1

Dean of the Institute of Science and Environment
Prof. David Gonçalves
david.goncalves@usj.edu.mo



DOCTORAL PROGRAMMES



Advancing the scientific knowledge in different fields of studies is one of the key missions of USJ. Our doctoral programmes are central to this mission, as they run in close connection to the research being carried out by our faculty, and our doctoral candidates are active participants in the research process. Under the guidance of a supervisor, and often integrated in research projects ongoing at the University, you will have the opportunity to investigate a topic in a specific scientific area to the full extent of your abilities. The programme also promotes interdisciplinary training by organising activities open to doctoral candidates from all fields of study, allowing an overview of how research is carried out in other scientific fields. Modern research implies global cooperation and our professors have well developed research networks, both at a local and international level, stimulating our doctoral candidates to interact with other researchers worldwide and develop internationally recognised research in their respective scientific fields. As a doctoral candidate at USJ, you will experience a vibrant and highly international research environment, unique in Macao, which will instill you to acquire the necessary knowledge, skills and independence to teach and research in today's globalised world.

Prof. David Gonçalves

Coordinator of PhD programmes
Ph.D Biology
University of Lisbon, Portugal

DOCTORAL PROGRAMMES

The Doctoral Programmes are research-oriented degrees aimed to develop advanced theoretical and practical research skills in a specific area of knowledge. Doctoral candidates complete main modules in research methods and foundation knowledge in their proposed research field, and then work with a supervisor to complete their doctoral thesis.

Doctoral candidates are expected to develop an original scientific work that contributes to a significant theoretical advance in the field. The main objective of the programme is to prepare highly qualified professionals, capable of developing R&D activities in private and public organisations or to develop an academic career.

THE UNIVERSITY OFFERS DOCTORAL PROGRAMMES IN THE FOLLOWING AREAS:

- Business Administration
- Education
- Global Studies
- Government Studies
- History
- Information Systems
- Psychology
- Religious Studies
- Science

KEY FEATURES

- ↳ Research-oriented programme supported by highly-qualified internal and external researchers from various areas of knowledge and fields of specialisation.
- ↳ Training in research methods and theoretical concepts in the first year of studies and development of a doctoral thesis in a specific field of specialisation in the following years.

Evening programme
3-5 years

Teaching medium
English

Campus
USJ Green Campus

Coordinator
Prof. David Gonçalves
david.goncalves@usj.edu.mo



PROGRAMME STRUCTURE

Students complete the curricular part of the programme during the first year, which is composed of the following 5 main modules:

Main Modules

Methodologies of Investigation

Methods and Techniques for Quantitative Research

Methods and Techniques for Qualitative Research

Integrative Research Seminars

Specialist Studies and Reading Programme

During the first year students are also required to prepare a thesis proposal. The approval of the proposal and completion of all the modules is a requirement to progress to the thesis-writing stage of the programme.

THESIS

This is the major part of doctoral student's studies. Working directly under an academic supervisor, the student independently completes an original and significant research project. Students start their thesis after the work proposed and supervisory arrangements have been approved by the university.



CONTACT US

University of Saint Joseph
Estrada Marginal da Ilha Verde, 14 -17
Macau SAR, CHINA

Tel +853 8796 4455
Fax +853 2872 5517
Email admissions@usj.edu.mo
Website www.usj.edu.mo





聖若瑟大學

USJ

Estrada Marginal da Ilha Verde, 14 - 17
Macau SAR, CHINA

usj.edu.mo