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MALAYSIA

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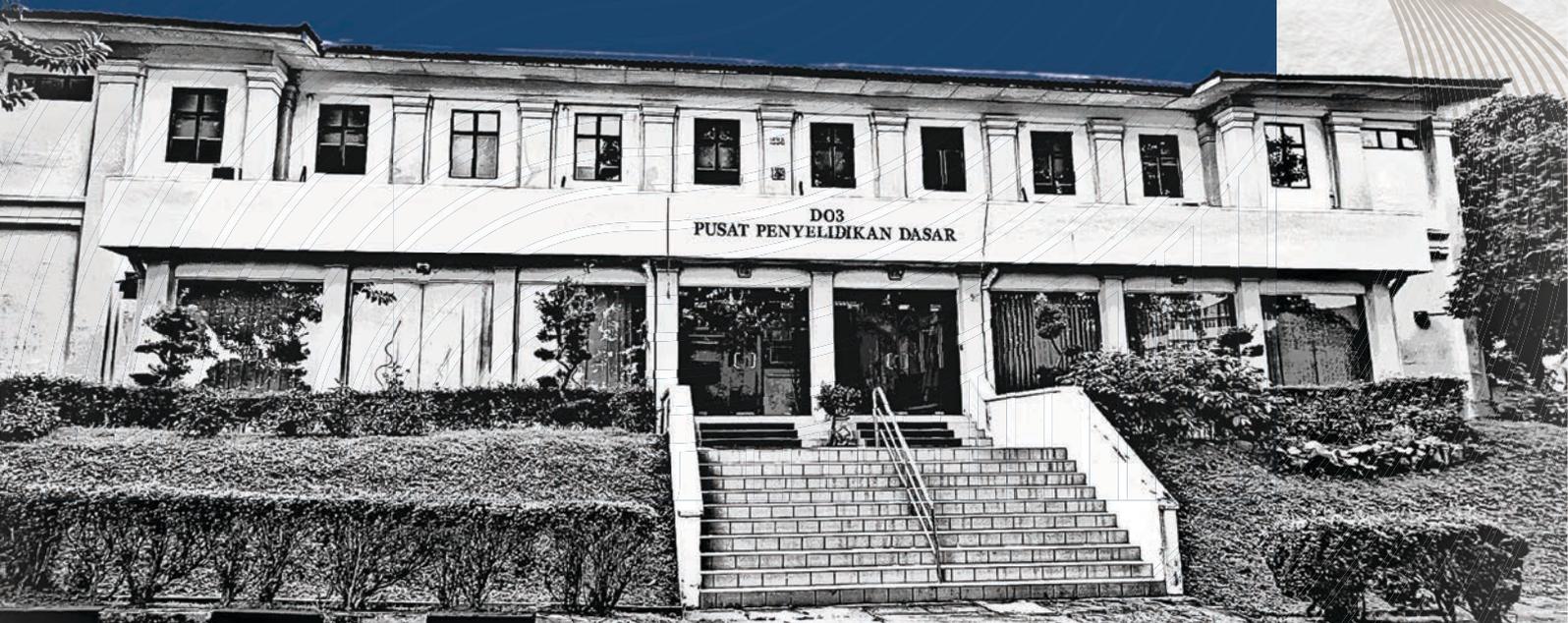
Student Handbook

Academic Session

2025-2026

Postgraduate Programmes:
Master by Research and PhD.
Programmes

Centre for Policy Research (CPR)
Universiti Sains Malaysia



cpr.usm.my



Centre for Policy Research (CPR)
University Sains Malaysia and Hiroshima City University Summer Program



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● Welcome Message

Director,
Assoc. Prof. Dr. Azeem Fazwan Ahmad Farouk

The Centre for Policy Research (CPR) is Malaysia's oldest public policy research centre. Founded in 1974 under the governance of Universiti Sains Malaysia (USM), CPR was established to support the university's mission in providing consultancy services, conducting research, and supervising postgraduate studies in public policy.

In response to the increasing importance of globalisation and interdisciplinary studies, CPR merged with the Centre for International Studies (CIS), which had been established in 2004. This merger led to the rebranding of CPR as the Centre for Policy Research and International Studies (CenPRIS) in 2007. However, in August 2023, the centre returned to its original name, Centre for Policy Research (CPR), to reaffirm its strategic commitment to core policy research areas. The rebranding also signalled a renewed focus on key national priorities, particularly in the areas of social, economic, and environmental policy, to strengthen Malaysia's nation-building agenda.

Academically, CPR offers graduate programmes designed to prepare students for research-intensive and leadership roles in government agencies, academia, research institutions, and civil society. These programmes aim to build analytical capacity and critical thinking skills in addressing complex policy challenges. Through an intellectually engaging environment supported by an interdisciplinary faculty and active engagement with public and private sector stakeholders, CPR fosters a rigorous academic experience. The centre currently offers research-based Master's and PhD programmes in its thematic focus areas and welcomes graduate students who are committed to contributing to evidence-based policy development.



Vision, Mission Objectives

Vision

Since 1974, the Centre for Policy Research Universiti Sains Malaysia has been at the forefront of shaping a future where evidence-based policymaking leads to sustainable development. We focus on multidisciplinary/transdisciplinary research to empower and inform decisions that enhance social and economic well-being, promote resilient growth and conserve the environment.

Mission

The Centre for Policy Research is dedicated to conducting rigorous research across social, economic, and environmental policy. Our mission is to develop holistic solutions to Malaysia's key challenges by partnering with both governmental and private sectors as well as community-based organisations. By embracing a multidisciplinary approach, we ensure our policy recommendations are well-supported by integrated, data-driven, and comprehensive perspectives, fostering positive transformations toward a more equitable and sustainable Malaysia.

Objectives

- To support public and private sectors, statutory bodies, NGOs, and other institutions at all levels in the formulation of effective, evidence-based policies.
- To provide consultancy services, specialized training, and community engagement initiatives through continuous and lifelong learning programmes.
- To cultivate talent and strengthen human capital through research-driven postgraduate education and capacity-building efforts.





NICHE AREA

SOCIAL POLICY

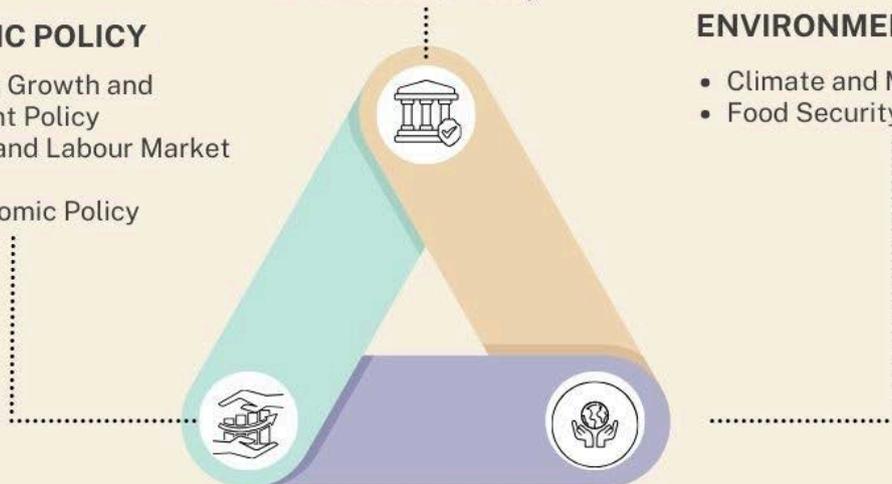
- Social and political change
- Social Impact Assessment
- Multicultural, Nusantara Studies
- Corporate Social Responsibility (CSR)
- Ethnic Studies
- Decolonization studies
- Multicultural Policy

ECONOMIC POLICY

- Sustainable Growth and Development Policy
- Population and Labour Market Policy
- Social Economic Policy

ENVIRONMENTAL POLICY

- Climate and Marine Policy
- Food Security Policy





Organizational Chart

Assoc. Prof. Dr. Azeem Fazwan Bin Ahmad Farouk
Director

Diyana Mohamad Salim

Assoc. Prof. Dr. Sazlina Binti Md Salleh

Academic

Social Policy

Assoc. Prof. Dr. Azeem Fazwan Bin Ahmad Farouk

Assoc. Prof. Dr. Mohammad Reevany Bin Bustami

Dr. Dina Miza Binti Suhaimi

Economic Policy

Assoc. Prof. Dr. Goh Soo Khon

Assoc. Prof. Dr. Tang Chor Foon

Dr. Dayang Haszelinna Binti Abang Ali

Environmental Policy

Assoc. Prof. Dr. Sazlina Binti Md Salleh

Dr. Illisriyani Binti Ismail

Administrative

Rosliza Binti Musa

Mohamad Bin Abdul Rahim

Zulkifli Bin Saad

Azlina Binti Omar

Norazrina Binti Md Jabarullah

Mohd Zukhi Bin Md Isa

MASTER & PH.D. PROGRAMMES: COURSES OFFERED

RESEARCH MODE PROGRAMME

About Research Programmes

The Centre for Policy Research (CPR), Universiti Sains Malaysia offers degrees of Master and PhD. by research in the following fields of specialization.

- Anthropology and Sociology
- Economics
- Political Sciences
- Marine Sciences

Anthropology and Sociology

Synopsis

The demand for postgraduate programmes in Social Sciences (Anthropology/Sociology) with a focus on policy-oriented research is growing, in line with the national need to understand and address complex societal issues such as social inequality, climate change, community development, food security, and community-based governance.

National and international policy documents such as the National Climate Change Policy (NCCP 2.0), the National Anti-Corruption Plan, and the Sustainable Development Goals (SDGs) emphasise the need for interdisciplinary expertise capable of integrating social science with evidence-based public policy formulation.

This programme differs from conventional sociology or anthropology programmes as it offers a policy research approach that is both cross-disciplinary and contextual. It combines critical theoretical analysis, advanced qualitative and quantitative methodologies, and grassroots community engagement along with stakeholder participation in the research process.

Through this approach, graduates are not only skilled in academic social research but are also equipped with competencies in policy analysis, community advocacy, public communication, and the ability to build networks with government agencies, civil society organisations, industry, and international bodies. This significantly enhances graduates' employability in the public sector, research institutions, NGOs, and regional and global development organisations.

Research Programmes / Graduate opportunities include:

- Micro Credit and Poverty Studies
- Ethnicity and Identity
- Development Sociology
- CSR (Corporate Social Responsibility) and Philanthropy
- Multi-religious and Multi-cultural Studies
- Social Anthropology
- Critical Policy Research



Education, Learning, And Course Outcomes

There are 3 main components that are given high attention in CPR when developing academic programs, namely Program Educational Objectives (PEO), Program Learning Outcomes (PLOs), and Course Learning Outcomes (CLO).

The PEO is a list of target achievements for each student from the program after graduation. For this programme, there are 5 PEOs that have been established to ensure that graduates are well-equipped to drive innovation, foster sustainability, and provide leadership within diverse organizational and societal context.

Table 1: Program Educational Objectives (PEO) Master – Anthropology and Sociology

PEOs	PEO Statement
PEO1	<p><i>Mengintegrasikan teori-teori sosial, pendekatan penyelidikan kualitatif dan kuantitatif, serta pengetahuan dasar terkini dalam bidang antropologi dan sosiologi untuk menyumbang secara berkesan kepada pembangunan dasar awam dan kesejahteraan masyarakat di peringkat nasional, serantau dan global.</i></p> <p>Integrate social theories, qualitative and quantitative research approaches, and up-to-date policy knowledge in the fields of anthropology and sociology to contribute effectively to public policy development and societal well-being at national, regional, and global levels.</p>
PEO2	<p><i>Graduan yang kompeten dalam mengenal pasti, menganalisis dan menangani isu-isu dasar sosial dan kemasyarakatan secara kreatif, kritikal, dan reflektif dengan penggunaan metodologi penyelidikan interdisiplin serta teknologi digital terkini.</i></p> <p>Graduates who are competent in identifying, analyzing, and addressing social and policy issues creatively, critically, and reflectively, using interdisciplinary research methodologies and the latest digital technologies.</p>
PEO3	<p><i>Mengamalkan etika penyelidikan yang tinggi, integriti akademik, dan prinsip keadilan sosial dalam menjalankan penyelidikan dan mencadangkan dasar yang bersifat inklusif, sensitif budaya, dan berteraskan nilai kemanusiaan.</i></p> <p>Practice high research ethics, academic integrity, and principles of social justice in conducting research and proposing policies that are inclusive, culturally sensitive, and grounded in human values.</p>
PEO4	<p><i>Berkebolehan untuk berkomunikasi dan berinteraksi secara efektif dengan pelbagai kelompok masyarakat dan pihak berkepentingan melalui penyampaian hasil penyelidikan, analisis dasar dan cadangan perubahan sosial dalam bentuk lisan, bertulis, serta melalui saluran media dan advokasi dasar.</i></p> <p>Capable of communicating and interacting effectively with diverse communities and stakeholders by presenting research findings, policy analyses, and proposals for social change orally, in writing, and through media channels and policy advocacy.</p>
PEO5	<p><i>Berkebolehan dalam membina jaringan dan kerjasama rentas sektor, komuniti dan disiplin dalam meneroka pendekatan inovatif untuk menyelesaikan cabaran-cabaran dasar sosial, serta menyumbang ke arah pembangunan masyarakat madani, pembangunan lestari, dan dasar berteraskan bukti.</i></p> <p>Capable of building networks and collaborations across sectors, communities, and disciplines to explore innovative approaches for addressing social policy challenges, while contributing to civil society development, sustainable development, and evidence-based policy.</p>

Table 2: Program Educational Objectives (PEO) PhD – Anthropology and Sociology

PEOs	PEO Statement
PEO1	<p><i>Melahirkan graduan yang mampu mengintegrasikan teori-teori sosial, pendekatan penyelidikan kualitatif dan kuantitatif, serta pengetahuan dasar terkini dalam bidang antropologi dan sosiologi bagi menyumbang secara berkesan kepada pembangunan dasar awam dan kesejahteraan masyarakat di peringkat nasional, serantau dan global.</i></p> <p>Produce graduates who are able to integrate social theories, qualitative and quantitative research approaches, and up-to-date policy knowledge in the fields of anthropology and sociology to contribute effectively to public policy development and societal well-being at national, regional, and global levels.</p>
PEO2	<p><i>Melahirkan graduan yang kompeten dalam mengenal pasti, menganalisis dan menangani isu-isu dasar sosial dan kemasyarakatan secara kreatif, kritikal dan reflektif dengan penggunaan metodologi penyelidikan interdisiplin serta aplikasi teknologi digital terkini.</i></p> <p>Produce graduates who are competent in identifying, analyzing, and addressing social and policy issues creatively, critically, and reflectively, through the use of interdisciplinary research methodologies and the application of the latest digital technologies.</p>
PEO3	<p><i>Melahirkan graduan yang berpegang kepada etika penyelidikan yang tinggi, berintegriti akademik, dan menjunjung prinsip keadilan sosial dalam pelaksanaan penyelidikan serta penggubalan dasar yang bersifat inklusif, sensitif budaya dan berteraskan nilai kemanusiaan.</i></p> <p>Produce graduates who uphold high standards of research ethics, academic integrity, and principles of social justice in conducting research and formulating policies that are inclusive, culturally sensitive, and grounded in human values.</p>
PEO4	<p><i>Melahirkan graduan yang berkebolehan untuk berkomunikasi dan berinteraksi secara efektif dengan pelbagai lapisan masyarakat dan pihak berkepentingan melalui penyampaian hasil penyelidikan, analisis dasar dan cadangan perubahan sosial dalam bentuk lisan, penulisan ilmiah serta melalui media dan advokasi dasar.</i></p> <p>Produce graduates who are able to communicate and interact effectively with diverse segments of society and stakeholders through the presentation of research findings, policy analyses, and proposals for social change, both orally, in scholarly writing, and through media and policy advocacy.</p>
PEO5	<p><i>Melahirkan graduan yang mampu membina jaringan dan menjalin kerjasama rentas sektor, komuniti dan disiplin dalam meneroka pendekatan inovatif bagi menangani cabaran dasar sosial serta menyumbang ke arah pembentukan masyarakat madani, pembangunan lestari dan dasar awam yang berasaskan bukti.</i></p> <p>Produce graduates who are able to build networks and forge cross-sectoral, community-based, and interdisciplinary collaborations in exploring innovative approaches to address social policy challenges, while contributing to the development of civil society, sustainable development, and evidence-based public policy.</p>

There are 3 main components that are given high attention in CPR when developing academic programs, namely Program Educational Objectives (PEO), Program Learning Outcomes (PLOs), and Course Learning Outcomes (CLO).

The PEO is a list of target achievements for each student from the program after graduation. For this programme, there are 5 PEOs that have been established to ensure that graduates are well-equipped to drive innovation, foster sustainability, and provide leadership within diverse organizational and societal context.

Course Learning Outcomes (CLOs) for the Research Methodology course outline the specific competencies students are expected to achieve upon successful completion of the course. These outcomes will be clearly communicated and explained by the course lecturer at the beginning of the course.

Table 3: PLOs of Master of Social Science in Anthropology and Sociology

PLOs	PLO Statement
PLO1	<p><i>Menguasai pengetahuan lanjutan, teori dan pendekatan analitikal dalam antropologi dan sosiologi serta kaitannya dengan pembangunan dasar dan masyarakat.</i> Master advanced knowledge, theories, and analytical approaches in anthropology and sociology, as well as their relevance to policy development and society.</p>
PLO2	<p><i>Menganalisis isu sosial dan dasar secara kritis, kreatif dan reflektif berdasarkan teori dan bukti empirikal.</i> Analyze social and policy issues critically, creatively, and reflectively, based on theory and empirical evidence.</p>
PLO3	<p><i>Merancang dan melaksanakan penyelidikan secara sistematis, saintifik dan beretika menggunakan pendekatan sosiologi dan antropologi yang relevan.</i> Plan and conduct research systematically, scientifically, and ethically using relevant sociological and anthropological approaches.</p>
PLO4	<p><i>Bekerjasama secara efektif dalam konteks penyelidikan interdisiplin dan komuniti.</i> Collaborate effectively in the context of interdisciplinary and community-based research.</p>
PLO5	<p><i>Menyampaikan hasil penyelidikan dalam bentuk ilmiah serta komunikasi dasar yang berkesan.</i> Communicate research findings in scholarly formats as well as through effective policy communication.</p>
PLO6	<p><i>Mengaplikasikan teknologi digital dan pengurusan data dalam proses penyelidikan dan penyebaran ilmu.</i> Apply digital technology and data management in the research process and knowledge dissemination.</p>
PLO7	<p><i>Menggunakan Kemahiran analisis dan tafsiran data secara kuantitatif dan kualitatif untuk menyokong hujahan penyelidikan.</i> Utilize quantitative and qualitative data analysis and interpretation skills to support research arguments.</p>
PLO8	<p><i>Menunjukkan keupayaan memimpin projek penyelidikan dan mengurus aktiviti akademik secara autonomi, bertanggungjawab serta beretika.</i> Demonstrate the ability to lead research projects and manage academic activities autonomously, responsibly, and ethically.</p>
PLO9	<p><i>Menilai impak penyelidikan terhadap Masyarakat dan dasar, serta mencadangkan penambahbaikan berasaskan bukti.</i> Assess the impact of research on society and policy, and propose evidence-based improvements.</p>
PLO10	<p><i>Menterjemah dapatan penyelidikan kepada input dasar, inovasi sosial dan pembangunan komuniti yang lestari.</i> Translate research findings into policy inputs, social innovations, and sustainable community development.</p>
PLO11	<p><i>Mengintegrasikan prinsip etika, nilai kemanusiaan dan tanggungjawab sosial dalam penyelidikan serta menunjukkan komitmen terhadap pembelajaran sepanjang hayat.</i> Integrate ethical principles, human values, and social responsibility in research, while demonstrating a commitment to lifelong learning.</p>

Table 4: PLOs of Doctor of Philosophy in Anthropology and Sociology

PLOs	PLO Statement
PLO1	<p><i>Menunjukkan pemahaman kritikal dan mendalam terhadap teori, wacana, serta perbahasan kontemporari dalam bidang antropologi dan sosiologi yang berada di sempadan pengetahuan (frontier knowledge).</i> Demonstrate a critical and in-depth understanding of theories, discourses, and contemporary debates in the fields of anthropology and sociology at the frontier of knowledge.</p>
PLO2	<p><i>Mensintesis pengetahuan sedia ada dan baharu bagi membangunkan konsep, tafsiran atau aplikasi teoritis yang menyumbang secara asli kepada pembangunan bidang atau amalan sosial.</i> Synthesize existing and new knowledge to develop concepts, interpretations, or theoretical applications that make an original contribution to the advancement of the field or social practice.</p>
PLO3	<p><i>Merancang dan melaksanakan penyelidikan secara bebas dengan pendekatan saintifik dan metodologi yang sesuai, serta menghasilkan dapatan yang kukuh dan boleh dipertanggungjawabkan.</i> Plan and conduct independent research using appropriate scientific approaches and methodologies, and produce robust and accountable findings.</p>
PLO4	<p><i>Berinteraksi dan bekerjasama secara profesional dengan penyelidik, komuniti, pembuat dasar dan pihak berkepentingan dengan menjunjung sensitiviti budaya, keterangkuman sosial dan nilai kelestarian.</i> Interact and collaborate professionally with researchers, communities, policymakers, and stakeholders while upholding cultural sensitivity, social inclusion, and sustainability values.</p>
PLO5	<p><i>Menunjukkan keupayaan kepimpinan akademik dan pengurusan projek dalam memacu penyelidikan serta kolaborasi merentas bidang, sektor dan komuniti.</i> Demonstrate academic leadership and project management capabilities in driving research and fostering cross-disciplinary, cross-sectoral, and community-based collaboration.</p>
PLO6	<p><i>Menyampaikan dapatan penyelidikan secara berkesan dan bernas kepada khalayak khusus dan umum dalam bentuk lisan, penulisan ilmiah, kertas dasar atau media komunikasi strategik.</i> Effectively and concisely communicate research findings to both specialized and general audiences through oral presentations, scholarly writing, policy briefs, or strategic communication media.</p>
PLO7	<p><i>Menggunakan teknologi digital, perisian analitik dan kaedah visualisasi data dalam menjalankan penyelidikan dan mempersembahkan dapatan secara sistematik.</i> Utilize digital technologies, analytical software, and data visualization methods to conduct research and present findings systematically.</p>
PLO8	<p><i>Mengaplikasikan kemahiran analitik sosial seperti statistik, inferens kualitatif/kuantitatif dan triangulasi data bagi menyokong kesimpulan dan saranan dasar.</i> Apply social analytical skills such as statistics, qualitative/quantitative inference, and data triangulation to support conclusions and policy recommendations.</p>
PLO9	<p><i>Berkomitmen terhadap pembelajaran berterusan, Pembangunan professional sendiri, disiplin kerja dan refleksi intelektual sebagai penyelidik sosial yang aktif dan bertanggungjawab..</i> Demonstrate commitment to continuous learning, self-professional development, work discipline, and intellectual reflection as an active and responsible social researcher.</p>
PLO10	<p><i>Menterjemah dapatan penyelidikan kepada input dasar, kertas dasar (policy brief), strategi pembangunan komuniti atau perundingan dengan agensi yang berkepentingan.</i> Translate research findings into policy inputs, policy briefs, community development strategies, or consultations with relevant agencies.</p>
PLO11	<p><i>Melaksanakan penyelidikan mengikut piawaian etika, integriti akademik, prinsip profesionalisme, akauntabiliti sosial serta kesedaran terhadap kuasa, ketaksamaan dan konteks politik, ekonomi dan budaya dalm semua peringkat penyelidikan.</i> Conduct research in accordance with ethical standards, academic integrity, principles of professionalism, social accountability, and awareness of power, inequality, and political, economic, and cultural contexts at all stages of the research process.</p>

Economics

Synopsis

The Master of Economics programme at the Centre for Policy Research (CPR) is uniquely designed to bridge the gap between academic theory and real-world policy application. Unlike traditional economics programmes that often focus on theoretical modelling and abstract analysis, the research-based programme at CPR emphasizes policy relevance, interdisciplinary insights, and a strong evidence-based analytical approach.

Students are not only equipped with a solid understanding of fundamental economic principles but also provided with the analytical tools necessary to examine contemporary economic issues through a policy-oriented and data-driven lens. With a strong emphasis on policy-based research, this programme prepares candidates to address socio-economic challenges, thereby qualifying them for careers in public policy, consultancy, development agencies, and academia.

The research programme/graduate opportunities include:

- Business Economics
- Development Economics
- Environmental and Resources Economics
- International Economics and Trade
- Labour Economics
- Public Economics
- Tourism Economics

Education, Learning, And Course Outcomes

There are 3 main components that are given high attention in CPR when developing academic programs, namely Program Educational Objectives (PEO), Program Learning Outcomes (PLOs), and Course Learning Outcomes (CLO).

The PEO is a list of target achievements for each student from the program after graduation. For this programme, there are 5 PEOs that have been established to ensure that graduates are well-prepared to lead innovation, promote sustainability, and demonstrate leadership across various organizational and societal settings. The PEOs of this programme are outlined in Table 3.

Table 5: Program Educational Objectives (PEO) Master – Economics

PEOs	PEO Statement
PEO1	<p><i>Berkebolehan dalam mengintegrasikan konsep, teori, kaedah dan pengetahuan ekonomi terkini dalam menjalankan penyelidikan yang berkualiti berasaskan bukti yang menyumbang kepada kesejahteraan masyarakat setempat dan sejagat.</i></p> <p>Capable of integrating contemporary economic concepts, theories, methods, and knowledge in conducting high-quality, evidence-based research that contributes to the well-being of local and global communities.</p>
PEO2	<p><i>Berkemahiran dalam menganalisis permasalahan ekonomi secara kritis dan tepat serta berupaya meneroka penyelesaian secara kreatif dan inovatif menerusi pelbagai platform digital yang terkini.</i></p> <p>Skilled in critically and accurately analyzing economic problems and capable of exploring creative and innovative solutions through various modern digital platforms.</p>
PEO3	<p><i>Mengamalkan nilai profesional, kelestarian dan beretika dalam melaksanakan tanggungjawab mereka kepada majikan, masyarakat dan negara.</i></p> <p>Practices professionalism, sustainability, and ethical values in fulfilling responsibilities to employers, society, and the nation.</p>
PEO4	<p><i>Mempunyai kemahiran komunikasi yang efektif dan berkeyakinan dalam menyampaikan ilmu secara lisan dan bertulis, serta berupaya mengaplikasikan set minda dan kemahiran keusahawanan sebagai ahli ekonomi dalam menjalankan penyelidikan.</i></p> <p>Possesses effective communication skills and confidence in conveying knowledge both orally and in writing, and is able to apply an entrepreneurial mindset and skills as an economist in conducting research.</p>
PEO5	<p><i>Berkebolehan dalam meneroka ilmu baharu dan menjalin kolaborasi rentas bidang yang memberi impak kepada pembangunan dan kelestarian sosio-ekonomi masyarakat dan negara.</i></p> <p>Able to explore new knowledge and establish cross-disciplinary collaborations that contribute to the development and socio-economic sustainability of communities and the nation.</p>

Table 6: Program Educational Objectives (PEO) PhD – Economics

PEOs	PEO Statement
PEO1	<p><i>Menunjukkan kepemimpinan intelektual melalui penghasilan sumbangan asli dan signifikan dalam bidang ekonomi yang memperluas sempadan pengetahuan serta memberi impak kepada dasar dan amalan profesional.</i> Demonstrates intellectual leadership through the production of original and significant contributions in the field of economics that expand the boundaries of knowledge and impact policy and professional practice.</p>
PEO2	<p><i>Berkemahiran tinggi dalam melaksanakan penyelidikan secara sistematik, beretika dan berasaskan bukti, dengan menggunakan pendekatan kuantitatif dan teknologi digital yang relevan untuk menyelesaikan isu-isu ekonomi yang kompleks dan pelbagai dimensi.</i> Highly skilled in conducting systematic, ethical, and evidence-based research, utilizing quantitative approaches and relevant digital technologies to address complex, multidimensional economic issues.</p>
PEO3	<p><i>Berkebolehan mengintegrasikan pengetahuan sedia ada dengan ilmu baharu dalam bidang ekonomi dan bidang berkaitan untuk merumus konsep, interpretasi atau aplikasi baharu yang mampu menyumbang kepada penyelesaian dasar awam dan pembangunan negara.</i> Able to integrate existing knowledge with new insights in economics and related fields to formulate new concepts, interpretations, or applications that can contribute to public policy solutions and national development.</p>
PEO4	<p><i>Berkeupayaan menguasai kemahiran komunikasi berkesan dan mampu berinteraksi secara profesional dengan pelbagai lapisan audiens, termasuk komuniti akademik, pembuat dasar dan masyarakat umum, bagi menyampaikan hasil penyelidikan dan pemikiran ekonomi secara jelas, tepat dan meyakinkan.</i> Able to master effective communication skills and interact professionally with diverse audiences, including the academic community, policymakers, and the general public, to convey research findings and economic insights clearly, accurately, and persuasively.</p>
PEO5	<p><i>Berkomitmen tinggi terhadap pembelajaran sepanjang hayat dan pembangunan sendiri dalam meneroka pengetahuan baharu, memperkukuh kemahiran penyelidikan dan menyesuaikan diri dengan keperluan profesional secara berterusan.</i> Highly committed to lifelong learning and self-development in exploring new knowledge, strengthening research skills, and continuously adapting to evolving professional requirements.</p>

Programme Learning Outcomes (PLOs) define the essential the knowledge, skills, and competencies that students are expected to attain upon successful completion of the programme. These outcomes are structured to ensure that graduates are equipped to address complex economic challenges with innovative solutions, exhibit strong leadership abilities, thrive in team-oriented environments, and communicate effectively both in writing and orally.

Course Learning Outcomes (CLOs) for the Research Methodology course outline the specific competencies students are expected to achieve upon successful completion of the course. These outcomes will be clearly communicated and explained by the course lecturer at the beginning of the course.

Table 7: PLOs of Master of Social Science in Economics

PLOs	PLO Statement
PLO1	<p><i>Menunjukkan pengetahuan lanjutan dalam teori ekonomi dan dasar awam dalam konteks isu dan permasalahan ekonomi semasa.</i> Demonstrates advanced knowledge in economic theory and public policy in the context of current economic issues and challenges.</p>
PLO2	<p><i>Memantapkan kemahiran pemikiran saintifik dan kritikal dalam mentafsir data dan menilai situasi ekonomi, seterusnya mencadangkan penyelesaian alternatif yang relevan terhadap masalah ekonomi yang kompleks.</i> Strengthens scientific and critical thinking skills in interpreting data and evaluating economic situations, and subsequently proposes relevant alternative solutions to complex economic problems.</p>
PLO3	<p><i>Mengaplikasi kemahiran teknikal dalam menganalisis serta mentafsir data bagi menyelesaikan masalah ekonomi.</i> Applies technical skills in analyzing and interpreting data to solve economic problems.</p>
PLO4	<p><i>Mempamerkan kebolehan untuk bekerjasama secara berkesan dengan pelbagai pemegang taruh/pihak berkepentingan dalam melaksanakan penyelidikan.</i> Demonstrates the ability to collaborate effectively with various stakeholders in conducting research.</p>
PLO5	<p><i>Mempamerkan kemahiran komunikasi lisan dan penulisan yang jelas dalam menyampaikan dapatan penyelidikan kepada pelbagai pihak.</i> Demonstrates clear oral and written communication skills in conveying research findings to diverse audiences.</p>
PLO6	<p><i>Mempamerkan kecekapan penggunaan teknologi digital dan perisian yang bersesuaian untuk menganalisis data dan mengukuhkan dapatan penyelidikan. ngaplikasikan teknologi digital dan pengurusan data dalam proses penyelidikan dan penyebaran ilmu.</i> Demonstrates proficiency in using digital technologies and appropriate software to analyze data and strengthen research findings.</p>
PLO7	<p><i>Mendemonstrasikan keupayaan menggunakan kemahiran analisis data secara efektif dalam menyelesaikan masalah ekonomi melalui pendekatan kuantitatif.</i> Demonstrates the ability to effectively apply data analysis skills to solve economic problems using quantitative approaches.</p>
PLO8	<p><i>Menerapkan nilai kepimpinan dan akauntabiliti dalam merancang, mengurus dan melaksanakan penyelidikan dalam bidang ekonomi.</i> Applies leadership and accountability values in planning, managing, and conducting research in the field of economics."</p>
PLO9	<p><i>Mempamerkan komitmen terhadap pembelajaran sepanjang hayat dan pembangunan sendiri dalam bidang ekonomi.</i> Demonstrates a commitment to lifelong learning and self-development in the field of economics.</p>
PLO10	<p><i>Mengaplikasikan ilmu keusahawanan dalam mengenal pasti peluang serta melaksanakan projek yang berkaitan dengan bidang ekonomi.</i> Applies entrepreneurial knowledge to identify opportunities and implement projects related to the field of economics.</p>
PLO11	<p><i>Mengintegrasikan prinsip etika, nilai kemanusiaan dan tanggungjawab sosial dalam Mempamerkan etika dan profesionalisme dalam pelaksanaan tugas dan projek penyelidikan dalam bidang ekonomi.</i> Demonstrates ethics and professionalism in carrying out tasks and research projects in the field of economics.</p>

Table 8: PLOs of PhD of Social Science in Economics

PLOs	PLO Statement
PLO1	<p><i>Menunjukkan penguasaan mendalam dan kritikal terhadap teori, prinsip, dan pendekatan terkini dalam bidang ekonomi serta berupaya memperluas sempadan pengetahuan melalui penyelidikan asli.</i> Demonstrates deep and critical mastery of contemporary theories, principles, and approaches in the field of economics, and is capable of expanding the boundaries of knowledge through original research.</p>
PLO2	<p><i>Mengaplikasikan pemikiran analitik, sintesis, dan penilaian kritikal secara sistematik untuk menyelesaikan isu-isu ekonomi kompleks serta membentuk pendekatan dasar yang inovatif.</i> Applies analytical thinking, synthesis, and critical evaluation systematically to address complex economic issues and develop innovative policy approaches.</p>
PLO3	<p><i>Merancang dan melaksanakan penyelidikan secara bebas dengan menggunakan metodologi kuantitatif dan kualitatif yang sesuai serta menghasilkan dapatan yang sah dan berimpak.</i> Plans and conducts independent research using appropriate quantitative and qualitative methodologies, producing valid and impactful findings.</p>
PLO4	<p><i>Berkolaborasi secara profesional dan efektif dengan komuniti akademik, pembuat dasar, serta pihak berkepentingan dalam konteks pelbagai disiplin dan budaya.</i> Collaborates professionally and effectively with the academic community, policymakers, and stakeholders in multidisciplinary and multicultural contexts.</p>
PLO5	<p><i>Menyampaikan idea, hujahan dan hasil penyelidikan secara jelas, tepat dan meyakinkan kepada audiens akademik, profesional, dan awam melalui pelbagai media komunikasi.</i> Communicates ideas, arguments, and research findings clearly, accurately, and persuasively to academic, professional, and public audiences through various communication channels.</p>
PLO6	<p><i>Memanfaatkan teknologi digital dan aplikasi terkini dalam pengumpulan data, analisis statistik, pemodelan ekonomi dan penyebaran maklumat penyelidikan.</i> Utilizes digital technologies and modern applications in data collection, statistical analysis, economic modeling, and dissemination of research findings.</p>
PLO7	<p><i>Mengaplikasikan teknik kuantitatif, analisis statistik dan pemodelan ekonomi lanjutan dalam menilai fenomena ekonomi dan menyokong hujahan dasar.</i> Applies quantitative techniques, statistical analysis, and advanced economic modeling to evaluate economic phenomena and support policy arguments.</p>
PLO8	<p><i>Menunjukkan autonomi penyelidikan yang tinggi serta keupayaan untuk memimpin projek penyelidikan dan menyumbang secara bermakna kepada pembangunan ekonomi dan dasar.</i> Demonstrates a high degree of research autonomy and the ability to lead research projects while making meaningful contributions to economic development and policy.</p>
PLO9	<p><i>Mengurus sendiri secara berkesan dengan menunjukkan keupayaan menyesuaikan diri dengan perubahan persekitaran akademik dan profesional serta mengekalkan keseimbangan antara pencapaian peribadi dan kerjaya.</i> Manages oneself effectively by demonstrating the ability to adapt to changes in academic and professional environments while maintaining a balance between personal achievements and career.</p>
PLO10	<p><i>Mengenal pasti peluang penyelidikan, inovasi dan pembangunan berasaskan ekonomi yang berpotensi untuk diterjemahkan kepada penyelesaian praktikal dan berimpak sosial atau komersial.</i> Identifies research, innovation, and economically driven development opportunities with potential to be translated into practical solutions with social or commercial impact.</p>
PLO11	<p><i>Mengamalkan standard etika tertinggi dalam penyelidikan dan amalan profesional, termasuk integriti akademik, kebertanggungjawaban sosial, dan kepekaan terhadap isu kemampanan.</i> Upholds the highest ethical standards in research and professional practice, including academic integrity, social accountability, and awareness of sustainability issues.</p>

Political Sciences

Synopsis

The Master of Social Science (Political Science) programme is designed to meet the nation's needs in developing research capacity and producing experts in political science who can contribute to public policy formation, governance, and community development at both national and international levels.

The demand for graduates with knowledge in political science is increasing in line with the challenges of globalization, regional geopolitics, political stability, social policy, and the growing need for evidence-based policy making. This programme produces graduates capable of analysing and formulating government policies, equipped with strong qualitative and quantitative research skills, and a deep understanding of governance, international relations, security, and community development.

Graduates are also equipped with essential skills in policy analysis and impact assessment, which are increasingly required in both the public and private sectors today.

Graduate opportunities include:

- Political Economy
- Local Government Studies
- Public Management
- Political Science

Education, Learning, And Course Outcomes

In the development of academic programmes under the Centre for Postgraduate Studies and Research (CPR), three key components are given significant emphasis: Programme Educational Objectives (PEOs), Programme Learning Outcomes (PLOs), and Course Learning Outcomes (CLOs).

The PEOs outline the intended accomplishments of graduates after completing the programme. For the Master of Social Science and Doctor of Philosophy in Political Science, five PEOs have been formulated to ensure that graduates are equipped to lead innovation, advance sustainable practices, and demonstrate leadership within diverse organizational and societal contexts.

Table 9: Program Educational Objectives (PEO) Master – Political Sciences

PEOs	PEO Statement
PEO1	<i>Melahirkan lulusan yang kompeten dan menguasai pengetahuan lanjutan dalam bidang sains politik serta dasar awam, dengan kemampuan menganalisis isu-isu politik secara kritis, saintifik dan berdasarkan bukti.</i> Produces graduates who are competent and possess advanced knowledge in political science and public policy, with the ability to analyze political issues critically, scientifically, and based on evidence.
PEO2	<i>Menghasilkan penyelidik yang berkemahiran dalam melaksanakan penyelidikan saintifik secara sistematik, beretika, dan mematuhi prinsip profesional serta kelestarian dalam konteks sains politik dan dasar awam.</i> Produces researchers skilled in conducting systematic, ethical, and professional scientific research, with a focus on sustainability, in the context of political science and public policy.
PEO3	<i>Membentuk lulusan yang mampu menjana, memperluas dan menyumbang kepada pembangunan ilmu pengetahuan serta dasar awam melalui pendekatan penyelidikan berasaskan bukti (evidence-based research).</i> Develops graduates who are capable of generating, expanding, and contributing to the development of knowledge and public policy through evidence-based research approaches.
PEO4	<i>Menghasilkan lulusan yang berupaya memimpin, berkomunikasi secara efektif, dan berkolaborasi dalam pelbagai konteks politik, sosial dan ekonomi</i> Produces graduates who are capable of leading, communicating effectively, and collaborating across diverse political, social, and economic contexts.
PEO5	<i>Menghasilkan lulusan yang inovatif, berdaya saing dan komited terhadap pembelajaran sepanjang hayat serta pengemabngan penyelidikan dalma dunia politik yang dinamik..</i> Produces graduates who are innovative, competitive, and committed to lifelong learning and research development in the dynamic field of politics.

Table 10: Program Educational Objectives (PEO) Phdr – Political Sciences

PEOs	PEO Statement
PEO1	<i>Melahirkan lulusan yang kompeten dan menguasai pengetahuan lanjutan serta berkemahiran tinggi dalam menganalisis isu-isu politik dan dasar awam.</i> To produce graduates who are competent, possess advanced knowledge, and demonstrate high-level skills in analysing political issues and public policy.
PEO2	<i>Menghasilkan penyelidik yang berkemahiran melaksanakan penyelidikan saintifik secara sistematik, beretika dan profesional, serta mematuhi amalan kelestarian.</i> To produce researchers who are skilled in conducting scientific research systematically, ethically, and professionally, while adhering to sustainability practices.
PEO3	<i>Membentuk lulusan yang mampu menyumbang kepada pengembangan ilmu pengetahuan dan dasar awam berdasarkan pendekatan penyelidikan berasaskan bukti (evidence-based).</i> To cultivate graduates who are able to contribute to the advancement of knowledge and public policy through an evidence-based research approach.
PEO4	<i>Melahirkan lulusan berkemahiran dalam komunikasi, kepimpinan dan kolaborasi dalam konteks politik, sosial dan ekonomi yang pelbagai.</i> To produce graduates who are skilled in communication, leadership, and collaboration within diverse political, social, and economic contexts.
PEO5	<i>Menghasilkan lulusan yang komited terhadap pembelajaran sepanjang hayat, inovasi penyelidikan dan berdaya saing di peringkat nasional dan antarabangsa.</i> To produce graduates who are committed to lifelong learning, research innovation, and competitiveness at the national and international levels.

Programme Learning Outcomes (PLOs) articulate the essential knowledge, skills, and competencies that students are expected to achieve upon successful completion of the programme. These outcomes are designed to ensure that graduates are equipped to critically address complex political and societal issues, apply innovative and evidence-based solutions, demonstrate effective leadership and collaboration, and communicate ideas clearly through both written and oral forms. The full list of PLOs for this programme is presented in Table 6 below.

Table 11: PLOs of Master of Social Science in Social Sciences

PLOs	PLO Statement
PLO1	<p><i>Menguasai pengetahuan lanjutan, teori dan aplikasi dalam bidang sains politik, dasar awam, tadbir urus dan pembangunan masyarakat.</i> Possesses advanced knowledge, theories, and applications in political science, public policy, governance, and community development.</p>
PLO2	<p><i>Menganalisis secara kritikal isu-isu politik, kelemahan dasar, keberkesanan polisi awam dan cabaran tadbir urus menggunakan pendekatan "evidence-based policy analysis."</i> Critically analyzes political issues, policy weaknesses, public policy effectiveness, and governance challenges using an evidence-based policy analysis approach.</p>
PLO3	<p><i>Merancang, melaksana dan menilai penyelidikan dasar menggunakan pendekatan metodologi kualitatif, kuantitatif atau mixed-methods dengan ketepatan dan integriti akademik.</i> Plans, conducts, and evaluates policy research using qualitative, quantitative, or mixed-methods approaches with accuracy and academic integrity.</p>
PLO4	<p><i>Bekerjasama secara efektif dalam pasukan penyelidikan multidisiplin yang terlibat dalam kajian dasar, libat urus awam, serta penglibatan pihak berkepentingan.</i> Collaborates effectively in multidisciplinary research teams engaged in policy studies, public engagement, and stakeholder involvement.</p>
PLO5	<p><i>Membentang hasil penyelidikan dasar secara sistematik dan mudah difahami kepada pembuat dasar, agensi kerajaan, komuniti saintifik dan awam.</i> Presents policy research findings systematically and clearly to policymakers, government agencies, the scientific community, and the public.</p>
PLO6	<p><i>Mengaplikasikan teknologi digital dan data analitik dalam melaksanakan kajian empirikal.</i> Applies digital technologies and data analytics in conducting empirical research</p>
PLO7	<p><i>Mendemonstrasikan keupayaan menggunakan kemahiran analisis data secara efektif Menggunakan kemahiran statistik, pengiraan impak dasar (policy impact assessment), serta inferens data dalam menyokong cadangan dasar.</i> Utilizes statistical skills, policy impact assessment, and data inference to support policy recommendations.</p>
PLO8	<p><i>Memimpin projek penyelidikan dasar secara sendiri dengan kebertanggungjawaban, integriti akademik dan pematuhan etika penyelidikan.</i> Leads policy research projects independently with accountability, academic integrity, and adherence to research ethics.</p>
PLO9	<p><i>Mengamalkan prinsip akauntabiliti sosial, etika pentadbiran awam dan kesedaran konteks politik semasa dalam menjalankan analisis dasar.</i> Practices principles of social accountability, public administration ethics, and awareness of the current political context in conducting policy analysis.</p>
PLO10	<p><i>Menerjemahkan hasil penyelidikan kepada input dasar, kertas dasar (policy brief), konsultasi dasar dan pembangunan kapasiti dasar awam.</i> Translates research findings into policy inputs, policy briefs, policy consultations, and capacity-building for public policy.</p>
PLO11	<p><i>Berkomitmen meneruskan pembelajaran sepanjang hayat untuk memperkukuh peranan sebagai penyelidik dasar profesional negara.</i> Committed to lifelong learning to strengthen their role as a professional policy researcher for the nation.</p>

Table 12: PLOs of PhD of Social Science in Social Sciences

PLOs	PLO Statement
PLO1	<p><i>Menguasai pengetahuan lanjutan dan pemahaman kritikal terhadap ilmu terkehadapan dalam bidang sains politik, dasar awam, tadbir urus dan pembangunan masyarakat.</i> To demonstrate advanced knowledge and critical understanding of frontier scholarship in political science, public policy, governance, and community development.</p>
PLO2	<p><i>Mengaplikasikan pendekatan analisis kritikal terhadap isu politik dan dasar awam secara kreatif dan inovatif menggunakan pendekatan evidence-based.</i> To apply critical analytical approaches to political and public policy issues creatively and innovatively using an evidence-based approach.</p>
PLO3	<p><i>Merancang dan melaksanakan penyelidikan secara bebas menggunakan metodologi saintifik yang sesuai, dengan integriti akademik.</i> To design and conduct independent research using appropriate scientific methodologies, with academic integrity.</p>
PLO4	<p><i>Menunjukkan kebolehan memimpin dan bekerjasama dalam pasukan penyelidikan multidisiplin berkaitan dasar awam dan penglibatan pihak berkepentingan.</i> To demonstrate the ability to lead and collaborate within multidisciplinary research teams related to public policy and stakeholder engagement.</p>
PLO5	<p><i>Berkomunikasi secara efektif dan sistematik hasil penyelidikan kepada pembuat dasar, komuniti saintifik dan khalayak umum.</i> To communicate research findings effectively and systematically to policymakers, the scientific community, and the general public.</p>
PLO6	<p><i>Mengaplikasikan teknologi digital, analitik data dan statistik untuk menyokong penyelidikan dasar dan membuat cadangan dasar yang berasaskan bukti.</i> To apply digital technology, data analytics, and statistics to support policy research and formulate evidence-based policy recommendations.</p>
PLO7	<p><i>Menggunakan teknik analisis impak dasar dan inferens statistik dalam menilai keberkesanan dan kesan sesuatu dasar awam.</i> To employ policy impact analysis techniques and statistical inference in evaluating the effectiveness and outcomes of public policies.</p>
PLO8	<p><i>Menunjukkan keupayaan memimpin, mengurus dan melaksanakan penyelidikan secara sendiri dengan tahap autonomi tinggi, bertanggungjawab dan mematuhi etika penyelidikan.</i> To demonstrate the ability to lead, manage, and conduct independent research with a high degree of autonomy, responsibility, and adherence to research ethics.</p>
PLO9	<p><i>Mengurus sendiri secara berkesan dengan menunjukkan keupayaan menyesuaikan diri dengan perubahan persekitaran akademik dan profesional serta mengekalkan keseimbangan antara pencapaian peribadi dan kerjaya.</i> Manages oneself effectively by demonstrating the ability to adapt to changes in academic and professional environments while maintaining a balance between personal achievements and career.</p>
PLO10	<p><i>Menterjemahkan dapatan penyelidikan kepada cadangan dasar, kertas dasar, input konsultasi dan program pembangunan kapasiti.</i> To translate research findings into policy recommendations, policy briefs, consultation inputs, and capacity-building programs.</p>
PLO11	<p><i>Menunjukkan komitmen terhadap pembelajaran berterusan, pembangunan profesional dan penyesuaian dalam landskap penyelidikan dasar yang dinamik.</i> To demonstrate commitment to continuous learning, professional development, and adaptability within the dynamic landscape of policy research.</p>

Marine Sciences

Synopsis

The demand for a Masters and PhD programme in Marine Science with a focus on policy-oriented research is growing, in line with national priorities for sustainable marine resource management, climate change adaptation, seafood security, and coastal policy development. National and international policy documents, such as the National Climate Change Policy (NCCP 2.0), the Malaysian Blue Economy Policy, and SDG 14, highlight the urgent need for interdisciplinary expertise capable of linking marine science with policy-making and governance.

This programme differs from conventional marine science programmes by offering a transdisciplinary research approach that integrates scientific knowledge with resource management and public policy. Through this approach, graduates are not only equipped with strong scientific research skills but also gain competencies in policy analysis, science communication, and industry engagement. This enhances their employability in government agencies, international organisations, NGOs, and the marine-related industry.

Students will have the opportunity to explore specialised fields through research-based learning under the guidance of experienced academic staff. The areas of research offered in this programme include, but are not limited to, the following:

- Marine Policy
- Marine Management and Conservation
- Coral Reef Ecosystem
- Marine Science

Education, Learning, And Course Outcomes

In designing academic programmes under the Centre for Postgraduate Studies and Research (CPR), three core components are given particular focus: Programme Educational Objectives (PEOs), Programme Learning Outcomes (PLOs), and Course Learning Outcomes (CLOs).

The Programme Educational Objectives (PEOs) outline the core competencies and accomplishments expected of graduates after completing the programme. For the Master of Science and Doctor of Philosophy in Marine Sciences, the PEOs have been designed to ensure graduates are equipped to bridge scientific research with sustainable marine policy, contribute to effective governance, and lead in interdisciplinary and transdisciplinary settings. These objectives support national and international priorities, including climate adaptation, food security, and marine resource management. The detailed PEOs for this programme are presented in Table 13 (Master)& Table 14 (PhD).

Table 13: Program Educational Objectives (PEO) Master – Marine Sciences

PEOs	PEO Statement
PEO1	<p><i>Mengintegrasikan teori, pendekatan penyelidikan, serta pengetahuan saintifik dan dasar terkini dalam bidang sains samudera untuk menyumbang kepada dasar pembangunan dan pengurusan sumber marin yang lestari di peringkat nasional dan serantau.</i> To integrate theories, research approaches, and current scientific and policy knowledge in ocean science to contribute to sustainable marine resource development and management policies at the national and regional levels.</p>
PEO2	<p><i>Graduan yang kompeten dalam mengenal pasti, menganalisis dan menyelesaikan isu-isu dasar samudera secara kreatif dan kritikal dengan penggunaan teknologi digital dan metodologi penyelidikan rentas bidang.</i> Graduates who are competent in identifying, analyzing, and addressing ocean policy issues creatively and critically, utilizing digital technologies and interdisciplinary research methodologies.</p>
PEO3	<p><i>Mengamalkan etika profesional, integriti akademik, dan nilai kelestarian dalam melaksanakan tanggungjawab penyelidikan dan cadangan dasar berkaitan sumber samudera.</i> To practice professional ethics, academic integrity, and sustainability values in carrying out research responsibilities and policy recommendations related to ocean resources.</p>
PEO4	<p><i>Berkebolehan untuk berkomunikasi dan berinteraksi secara efektif dalam menyampaikan hasil penyelidikan dan dasar samudera kepada pelbagai pihak berkepentingan secara lisan dan bertulis.</i> Able to communicate and interact effectively in presenting ocean research findings and policies to diverse stakeholders, both orally and in writing.</p>
PEO5	<p><i>Berkebolehan dalam membina kerjasama rentas sektor dan disiplin dalam meneroka penyelesaian inovatif terhadap cabaran dasar samudera serta memacu pembangunan ekonomi biru dan kelestarian negara.</i> Capable of building cross-sectoral and interdisciplinary collaborations to explore innovative solutions to ocean policy challenges, while advancing the blue economy and national sustainability.</p>

Table 14: Program Educational Objectives (PEO) PhD – Marine Sciences

PEOs	PEO Statement
PEO1	<p><i>Melahirkan penyelidik yang berkeupayaan memimpin penyelidikan asal dan menyumbang secara signifikan kepada pembentukan dasar berkaitan isu-isu kompleks samudera di peringkat global.</i> To produce researchers capable of leading original research and making significant contributions to policy development on complex ocean-related issues at the global level.</p>
PEO2	<p><i>Menyediakan penyelidik yang mampu mensintesis pengetahuan sedia ada dan menghasilkan teori, pendekatan atau cadangan dasar baharu untuk menangani isu tadbir urus samudera, sumber samudera dan perubahan iklim.</i> To prepare researchers who are able to synthesize existing knowledge and develop new theories, approaches, or policy recommendations to address ocean governance, marine resources, and climate change issues.</p>
PEO3	<p><i>Membentuk pemimpin pemikiran dalam bidang sains dasar samudera yang beretika, berdedikasi dan berdaya saing serta mampu mengaplikasikan ilmu dalam platform dasar awam dan industri.</i> To cultivate thought leaders in the field of ocean policy science who are ethical, dedicated, and competitive, and capable of applying their knowledge in public policy and industry platforms.</p>
PEO4	<p><i>Melahirkan graduan yang cemerlang dalam kepimpinan intelektual, penyeliaan penyelidikan, penghasilan penerbitan ilmiah, dan komunikasi dasar yang berimpak tinggi kepada pembuat dasar dan masyarakat umum.</i> To produce graduates who excel in intellectual leadership, research supervision, scholarly publication, and high-impact policy communication to policymakers and the general public.</p>
PEO5	<p><i>Menghasilkan graduan yang berupaya membina kerjasama rentas sektor dan disiplin dalam meneroka penyelesaian inovatif terhadap cabaran dasar samudera serta memacu pembangunan ekonomi biru dan kelestarian negara.</i> To produce graduates capable of fostering cross-sectoral and interdisciplinary collaboration in exploring innovative solutions to ocean policy challenges, while advancing blue economy development and national sustainability.</p>

Programme Learning Outcomes (PLOs) outline the essential knowledge, skills, and competencies that students are expected to attain upon successful completion of the Master of Science and Doctor of Philosophy in Marine Sciences programmes. These outcomes are designed to equip graduates to address complex marine and environmental challenges through critical thinking, the application of evidence-based and innovative solutions, effective leadership, interdisciplinary collaboration, and clear communication, both written and oral.

Table 11: PLOs of Master of Social Science in Marine Sciences

PLOs	PLO Statement
PLO1	<p><i>Menunjukkan pengetahuan dan kefahaman terkini dalam sains samudera dan dasar awam berkaitan pengurusan sumber marin secara lestari.</i> Demonstrate up-to-date knowledge and understanding in ocean science and public policy related to sustainable marine resource management.</p>
PLO2	<p><i>Menganalisis dan menyelesaikan isu dasar samudera secara kritikal menggunakan pendekatan saintifik, interdisiplin dan berasaskan bukti.</i> Critically analyze and address ocean policy issues using scientific, interdisciplinary, and evidence-based approaches.</p>
PLO3	<p><i>Menjalankan penyelidikan secara sistematik dalam isu-isu samudera dengan bimbingan minimum, serta menghasilkan penyelidikan yang berkualiti.</i> Conduct systematic research on ocean-related issues with minimal supervision, producing high-quality research outcomes.</p>
PLO4	<p><i>Berinteraksi dan bekerjasama dengan pelbagai pemegang taruh dalam pelaksanaan projek penyelidikan samudera dan advokasi dasar.</i> Interact and collaborate with diverse stakeholders in implementing ocean research projects and policy advocacy.</p>
PLO5	<p><i>Menyampaikan pengetahuan dan dapatan penyelidikan berkaitan dasar samudera secara berkesan secara lisan dan penulisan ilmiah serta dasar.</i> Effectively communicate knowledge and research findings related to ocean policy, both orally and in scientific and policy writing.</p>
PLO6	<p><i>Menggunakan teknologi digital, pemodelan samudera, dan data besar untuk menganalisis dan menyampaikan hasil penyelidikan samudera.</i> Utilize digital technologies, ocean modeling, and big data to analyze and communicate ocean research findings.</p>
PLO7	<p><i>Mengaplikasi kemahiran statistik dan analitik dalam menilai impak dasar dan penyelidikan berkaitan samudera.</i> Apply statistical and analytical skills to evaluate the impact of policies and research related to oceans.</p>
PLO8	<p><i>Menunjukkan kepimpinan dan akauntabiliti dalam merancang, mengurus dan melaksanakan projek penyelidikan dasar samudera.</i> Demonstrate leadership and accountability in planning, managing, and executing ocean policy research projects.</p>
PLO9	<p><i>Mempamerkan sikap pembelajaran berterusan dan pemantapan kompetensi dalam bidang sains dan dasar samudera.</i> Exhibit continuous learning and the enhancement of competencies in the field of ocean science and policy.</p>
PLO10	<p><i>Mengaplikasikan pemikiran keusahawanan dalam penyelidikan, advokasi dasar dan perkhidmatan berasaskan samudera.</i> Apply entrepreneurial thinking in research, policy advocacy, and ocean-based services.</p>
PLO11	<p><i>Mengamalkan prinsip etika profesional, integriti akademik dan kelestarian dalam mengurus dan melaksanakan penyelidikan dasar samudera.</i> Uphold professional ethics, academic integrity, and sustainability principles in managing and conducting ocean policy research.</p>

Table 11: PLOs of PhD of Social Science in Marine Sciences

PLOs	PLO Statement
PLO1	<p><i>Menerajui pemahaman kritikal dan mendalam terhadap pengetahuan perintis dalam isu-isu kompleks sains dan dasar samudera.</i> To lead in developing a critical and deep understanding of pioneering knowledge on complex issues in ocean science and policy.</p>
PLO2	<p><i>Membangun dan mensintesis konsep dan pendekatan baharu yang menyumbang kepada pembangunan dasar awam berkaitan samudera.</i> To develop and synthesize new concepts and approaches that contribute to the advancement of public policy related to the oceans.</p>
PLO3	<p><i>Merancang dan melaksanakan penyelidikan asli, bebas dan berimpak tinggi menggunakan metodologi saintifik lanjutan untuk memperluas pengetahuan dalam sains samudera dan tadbir urus marin.</i> To design and conduct original, independent, and high-impact research using advanced scientific methodologies to expand knowledge in ocean science and marine governance.</p>
PLO4	<p><i>Memimpin kerjasama transdisiplin, rentas institusi dan antarabangsa bagi merangka penyelesaian bersepadu berasaskan bukti terhadap cabaran global berkaitan sains, dasar dan tadbir urus samudera.</i> To lead transdisciplinary, cross-institutional, and international collaborations in formulating integrated, evidence-based solutions to global challenges in ocean science, policy, and governance.</p>
PLO5	<p><i>Menyampaikan dapatan penyelidikan dengan impak kepada penggubal dasar dan komuniti ilmiah melalui komunikasi berkesan.</i> To communicate research findings with impact to policymakers and the scientific community through effective communication.</p>
PLO6	<p><i>Mengaplikasi dan memimpin penggunaan teknologi canggih dan metodologi kompleks dalam menganalisis sistem samudera dan impak dasarnya.</i> To apply and lead the use of advanced technologies and complex methodologies in analyzing ocean systems and their policy impacts.</p>
PLO7	<p><i>Merancang dan melaksanakan pendekatan kuantitatif dan kualitatif lanjutan untuk penilaian impak dasar, risiko ekologi, dan pengurusan sumber samudera.</i> To design and implement advanced quantitative and qualitative approaches for policy impact assessment, ecological risk evaluation, and ocean resource management.</p>
PLO8	<p><i>Memimpin, menyelia dan membimbing pasukan penyelidikan secara profesional serta menyumbang kepada pembangunan bakat dan kapasiti baharu dalam bidang sains dan dasar samudera.</i> To lead, supervise, and mentor research teams professionally while contributing to the development of new talent and capacity in ocean science and policy.</p>
PLO9	<p><i>Menunjukkan keupayaan refleksi kritikal, pembelajaran sendiri dan komitmen berterusan dalam wacana dasar dan penyelidikan samudera.</i> To demonstrate the ability for critical reflection, self-directed learning, and sustained commitment in ocean policy and research discourse.</p>
PLO10	<p><i>Menerapkan pemikiran keusahawanan dasar dalam merangka penyelesaian inovatif dan model dasar berasaskan bukti.</i> To apply policy entrepreneurship thinking in designing innovative solutions and evidence-based policy models.</p>
PLO11	<p><i>Mengamalkan integriti akademik, etika penyelidikan, patuhan undang-undang antarabangsa serta prinsip kelesteraan dalam merangka, melaksanakan dan menilai dasar berkaitan samudera.</i> To uphold academic integrity, research ethics, compliance with international laws, and sustainability principles in designing, implementing, and evaluating ocean-related policies.</p>

Course Learning Outcomes (CLOs) for the Research Methodology course outline the specific competencies students are expected to achieve upon successful completion of the course. These outcomes will be clearly communicated and explained by the course lecturer at the beginning of the course.



CPR EXPERTISE



ASSOC. PROF. DR. AZEEM FAZWAN AHMAD FAROUK

Ph.D. (Political Science)

PhD, Sains Sosial, Sains Politik 2006; Sarjana, Sains Politik, Sains Sosial 2000, Universiti Malaya; Ijazah, Sains Politik, 1998; Depaul University Chicago, Illinois, USA.

USM Expert Link : <https://experts.usm.my/cvitae/azeemf>

Expertise: Political Science

azeemf@usm.my



ASSOC. PROF. DR. SAZLINA MD SALLEH

B.Sc: Aquatic Biology (Universiti Sains Malaysia)

M.Sc: Marine Science (Universiti Sains Malaysia)

Ph.D: Marine and Antarctic Studies (University of Tasmania)

USM Expert Link : <https://experts.usm.my/cvitae/sazlina>

Expertise: Marine and Environmental Conservation, Biodiversity and Policy

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ASSOC. PROF. DR. MOHAMMAD REEVANY BUSTAMI

Ph.D.

Organizational and Developmental Sociology, Nusantara Malay Archipelago and ethnic studies, CSR and future studies

PhD from The London School of Economics and Political Science (LSE) in the field of Organizational Sociology and Globalization

USM Expert Link : <https://experts.usm.my/cvitae/reevany>

Expertise: Organisation and Developmental Sociology, Nusantara Malay Archipelago and Ethnic Studies, CSR, and Future Studies

reevany@usm.my



ASSOC. PROF. DR. GOH SOO KHOON

B.Ec. (UM), M.Ec. (University of Colorado at Boulder, Boulder, Colorado, USA),

Ph.D. (University of Melbourne, Melbourne, Australia)

USM Expert Link : <https://experts.usm.my/cvitae/skgoh>

Expertise: Development Economics, International Economics, and Applied Econometrics

skgoh@usm.my



ASSOC. PROF. DR. TANG CHOR FOON

B.Ec. (UUM), M.Ec.Mgmt. (USM), Ph.D. (University of Malaya)

USM Expert Link :<https://experts.usm.my/cvitaet/tcfoon>

Expertise: Applied Macroeconometrics, Economic Growth and Development, Energy Economics, and Tourism Economics

tcfoon@usm.my



DR. DAYANG HASZELINNA BT. ABANG ALI

B.Ec. (Applied Statistics) (UM), MEconSoc

(Business Economics) (Swansea University ,

Ph.D. Econs (Swansea University)

USM Expert Link :<https://experts.usm.my/cvitaet/dyghaszelinna>

Expertise: Development Economics, Labour Economics, and Applied Statistics (Economics)

dyghaszelinna@usm.my



DR. ILLISRIYANI ISMAIL

B.Sc. (Major in Biology) – Universiti Putra Malaysia

M.Sc. (Natural Resource Development Policy) –

Universiti Putra Malaysia

PhD. (Economics) – University of Portsmouth

USM Expert Link : -

Expertise: Fisheries Economics, Socioeconomics, System Dynamics Modelling, and Behavioural Insights

illisriyani@usm.my



DR. DINA MIZA BINTI SUHAIMI

Bachelor of Design - Universiti Teknologi MARA

Master of Business Administration (Tourism and Hospitality Management) – Universiti Utara Malaysia

Doctor of Philosophy (Corporate Social Responsibility and Philanthropy) – Universiti Sains Malaysia

Expertise: Multicultural Policy

dinamiza@usm.my

ADMISSION REQUIREMENTS

Programme	Master	PhD.
Doctor of Philosophy Master of Science (Marine Sciences) Master of Social Science (Anthropology /Sociology) Master of Social Science (Economics) Master of Social Science (Political Science)	Applicant must hold at least a Bachelor's degree in a related field with: (i) CGPA \geq 3.00/4.00 or (ii) CGPA \geq 2.75/4.00 and fulfilled at least one of the following: · \geq 1 year research experience · \geq 1 year of professional experience in the related field · \geq 1 academic publication in the related field · \geq Grade B for major/elective course · \geq Grade B+ for final year project	Applicant must hold at least: (A) Master's degree (coursework/mix mode) in a related field with CGPA \geq 3.00/4.00 or (B) Master's degree (research mode) in a related field, or First Class Honours Bachelor's degree in a related field or a CGPA $>$ 3.67/4.00.

English Language Requirements

Please refer to the URL: <https://admission.usm.my/postgraduate/programmes> for more information about the English language requirement.

Apart from the given English language requirement, the candidate will also be invited to attend an interview to further assess their eligibility and suitability for the applied programme. The potential supervisor and an independent lecturer (or an assistant registrar) will conduct the interview.

Duration of Candidature

A student who registers for postgraduate study must fulfil the duration of candidature as stated in the offer letter.

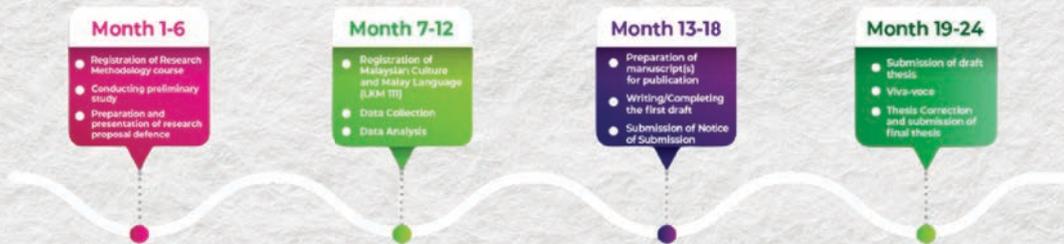
Programme	Full-Time		Part-Time	
	Minimum	Maximum	Minimum	Maximum
Doctor of Philosophy	4 semesters	10 semesters	6 semesters	15 semesters
Master (Research)	2 semesters	6 semesters	4 semesters	10 semesters

STUDY PLAN

Suggested Academic Plan for PhD Students



Suggested Academic Plan for Masters by Research Mode Students



RENEWAL OF REGISTRATION AND COURSE(S) REGISTRATION

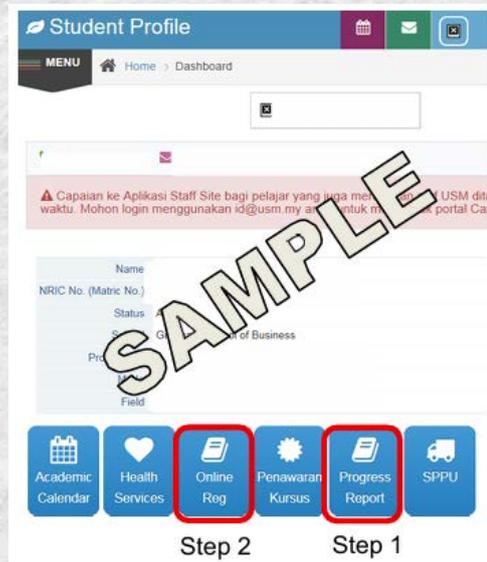
It is the responsibility of a student to renew registration every semester and pay tuition fees within the renewal registration period. The announcement for the registration renewal and courses registration period will be published on the IPS website, <https://ips.usm.my/> usually two (2) months before the commencement of the new semester. Students are advised to check the website and USM official email regularly for information updates prior to the registration period. Renewal of registration guideline is available in IPS website (<https://ips.usm.my/index.php/current-studentv2/candidature-matters/renewal-registration>).

Students must be aware of the semester duration and the academic session. If you are registering at the end of the semester, you still need to renew the registration, and follow the renewal process as it is. For example:

Scenario	Date of New Semester Commence	Action
You are registered on 2 September 2024 (Please note that you only pay one month of tuition fee here due to pro-rated value)	1 October 2024	You need to complete the Progress Report and pay the next semester tuition fee before or on 1 October 2024

Renewal of Registration and Course(s) Registration

Login to the CampusOnline Portal and click 'Progress Report'. Ensure that the report is complete for both student and the main supervisor section. Then, complete the process with 'Online Reg' button, invoice for the new semester will be generated after both reports are ready. Then, payment of fees needs to be paid before the new semester commence.



Research Mode

Students must be aware of the semester duration and the academic session. If you are registering at the end of the semester, you still need to renew the registration, and follow the renewal process as it is. For example:

Scenario	Date of New Semester Commence	Action
You are registered on 2 September 2024 (Please note that you only pay one month of tuition fee here due to pro-rated value)	1 October 2024	You need to complete the Progress Report and pay the next semester tuition fee before or on 1 October 2024

Payment of Tuition Fees

Renewal of registration is considered complete upon completion of the tuition fee payment. All payments MUST be cleared within the stipulated period to avoid the late registration penalty. A copy of the scholarship letter MUST be sent to the Bursary at the respective campuses within the renewal period of every semester.

Main Campus/USM@KL: ukpbendahari@usm.my

Students who have renewed their registration online but did not complete the payment within the stipulated period will be considered late registrants and, as such, are liable for the late registration penalty of RM200/USD50.

Students who fail to renew their registration within the stipulated period (without justifiable reasons) will be terminated from their studies.

If any course(s) to be registered for that semester are not offered, students can apply for postponement of studies for that semester. Hence, renewal of registration is not required; however, a postponement request must be made before the new semester commences. (Refer to Tuition and Retaining Fees Charges Table)

Fees	MYR	USD
Registration Fee	330.00	225.00
Personal Bond	N/A	1,000.00
Research Methodology	320.00	80.00
Thesis Evaluation Fee	800.00	375.00
Convocation Fee	200.00	50.00

Non-Recurring Fees (payable once) • Registration Fee • Research Methodology Course (for research mode student) • Personal Bond (refundable at the end of studies) • Thesis Fee (for research mode student) • Convocation Fee

Recurring Fees (payable every semester) • Tuition Fees

PREREQUISITE COURSE

Malaysian Culture and Malay Language (LKM111):

Compulsory for all international students and must be passed before graduation. The minimum required passing grade is C. Registration for the course is through the Online Registration System (ORSPG) during the stipulated time for course registration. Classes are online and accessible through the student e-learning portal.

Exemption can be given to students who have taken and passed the equivalent course. An application for exemption must be submitted to the Dean, School of Languages, Literacies, and Translation, for approval.

For any enquiries, please e-mail to ppblt_courses@usm.my

Research Methodology for Research Mode Students:

Synopsis

This course aims to develop students' research and analytical skills. In enhancing students' paradigms of research methodology in the social sciences, this course is designed to deepen the understanding of research strategies and philosophies as well as the underlying debates. Students will also be equipped with the logic of inquiry as well as the ethics to guide their research process. Emphasis will also be given to the knowledge of research design, data collection, foundational data analysis, and report writing. While deliberating on the quantitative and qualitative methods, the course includes an overview of specific methodological approaches. It also gives special attention to the practical knowledge of the research process and prepares students to conduct their own basic research projects. Students will complete the course with a better understanding of the ways to conduct their own research in various fields. This is a foundational course that will prepare students for advanced research courses in their chosen fields.

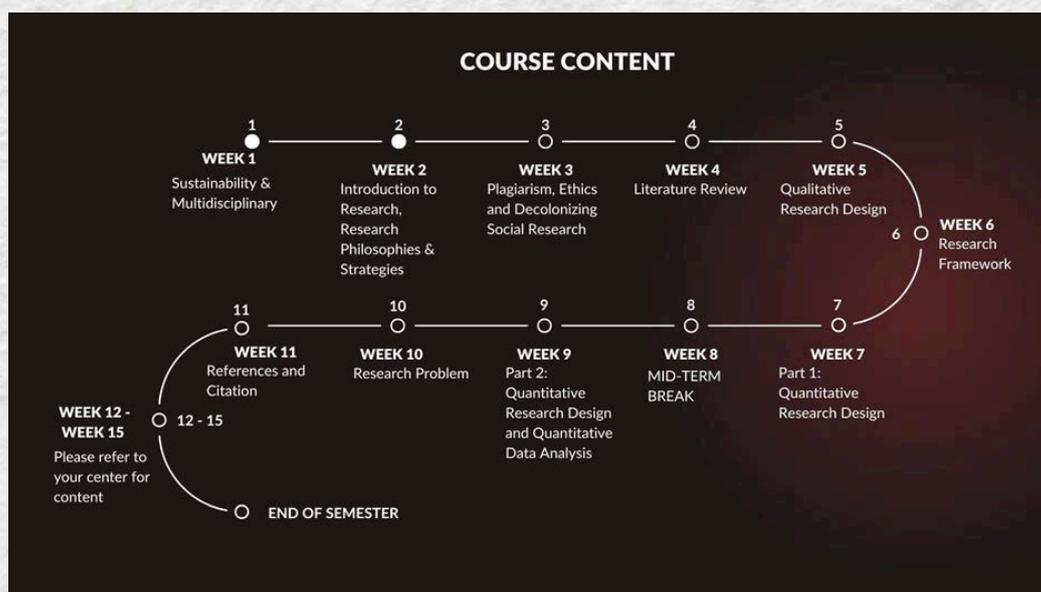
Course Learning Outcomes (CLO)

Upon completion of the POL500 course, students should be able:

- To construct the research scope by relating it to relevant theories and works related to the research objectives and sustainability issues.
- Develop a suitable research problem and research questions based on a relevant and comprehensive literature review.
- Presenting the research proposal in the postgraduate level.
- Propose a proper research design to carry out the proposed research while keeping ethics in place.

Requirement

A student is required to attend all 14 weeks of scheduled lectures, which include participation in research seminar activities (events) and student presentation sessions. In addition, a student must complete two (2) written assignments. One of these must be an individually prepared research proposal that demonstrates the student's ability to formulate a research question, conduct a literature review, and outline an appropriate methodological approach. Student is also expected to deliver two presentations related to their assignments.



CANDIDATURE MATTERS

Postponement of Studies

Postponement of studies is only allowed after registration and completion of at least one (1) semester, except for medical or valid personal reasons. Students are allowed to postpone their studies maximum of two (2) semesters throughout the entire duration of the candidature period. Postponement application must be submitted through CampusOnline portal.

Tuition and Retaining Fees charges are subjected to the date of postponement application:

DURATION OF APPLICATION	DETAILS
Application send to School/Centre/Institute before the new semester commence until week-2 of the new semester	Retaining Fee will be imposed a. Local –RM150 b. International –RM250
Week-3 until Week-9	50% of the tuition fee will be imposed
After Week-9	Full tuition fee will be imposed

Note: Retaining Fee is to ensure student's candidature status remain ACTIVE

Conversion of Status

Student can apply for conversion of status from full-time to part-time or vice versa. Application must be made using the Conversion of Status Form available at <https://ips.usm.my/index.php/download/candidature>

The conversion of status is only permitted twice during the entire period of candidature.

Conversion of Degree Level

Research mode Masters degree students are eligible to apply for conversion to Doctor of Philosophy level. Students can apply for conversion within the first 12 months (full-time student) or 24 months (part-time student) from registration date by submitting an official request to the School/Centre/Institute.

Students are required to submit the development of research progress proposal to be evaluated by the main supervisor and present the research output in a seminar. The School/Centre/Institute may request the student to sit for examination (if necessary).

The application will be reviewed by the School/Centre/Institute and endorsed by the University. Student candidature for Doctor of Philosophy will be calculated from the registration date of Master's degree.

Extension of Candidature

Application for extension of candidature must be made two (2) months before the date of expiration of a student's candidature. The maximum period of extension allowed is two (2) semesters only. Application must be made using the available form at <https://ips.usm.my/index.php/download/candidature>.

Withdrawal from The Programme

Withdrawal from programme can be made by sending a withdrawal letter to Dean/Director of School/Centre/Institute.

Research mode student - Refund of all fees (except registration and smart card fees) will be made for withdrawal up to two (2) months from the date of registration.

Change of Mode of Study

Student must submit a new application for admission together with the processing fees for change of mode of study.

Termination of Candidature

The University reserves the right to terminate a student's candidature based on:

- Student's failure to renew the registration.
- Unsatisfactory academic performance (Coursework/Mixed mode)/research progress (Research mode)
- Failure to pay the tuition fees
- Reach maximum candidature period

Reactivation of Candidature

All students may reactivate their candidature within 1 year after termination subjected to period of candidature. Reactivation for research mode student (terminated due to maximum period of candidature) will only be considered if the student submits draft of thesis within one (1) year from the date of maximum candidature. The reactivation of the candidature is subjected to the decision of the University.

PREPARATION, SUBMISSION AND EXAMINATION OF THESIS FOR RESEARCH MODE STUDENT

Thesis Format Guideline

The thesis format guideline is available at the IPS website. This guide is to facilitate the processes involved in the submission of the thesis. The format of the thesis should include the following;

Title Page
<ul style="list-style-type: none"> • Title of Thesis. • Student full name • Thesis submitted in fulfilment of the requirements for the Degree of Doctor of Philosophy, Master of Science, Master of Social Science or Master of Arts). • Month and Year thesis was submitted for examination to IPS • DO NOT number this page.
Acknowledgments
<ul style="list-style-type: none"> • This is a statement of appreciation to supervisors (s), source of scholarship, assistance obtained during research etc. • Number this page "ii".
Table of Contents
<ul style="list-style-type: none"> • Comprises the titles of parts, sections or chapters and their subdivisions. • Must be worded exactly as in the text. Must have Headings (1,2,3 and so on), sub-headings (1.1, 1.2, 1.3) and sub sub-headings (1.2.1, 1.2.2 and so on) • Further divisions to be indicated by small letters in parenthesis e.g. 1.2.1(a), 1.2.1(a)(i). • Number this page "iii".
List of Tables
<ul style="list-style-type: none"> • Must be worded exactly as in the text. • Page numbered in Roman numeral accordingly
List of Figures/ Plates
<ul style="list-style-type: none"> • Must be worded exactly as in the text. • Page numbered in Roman numeral accordingly
List of Symbols and Abbreviations
<ul style="list-style-type: none"> • Page numbered in Roman numeral accordingly
Abstrak (in Bahasa Malaysia)
<ul style="list-style-type: none"> • An abstract is a summary of the entire thesis and should contain a brief write-up of the problem statement, objective, methodology, and summary of the findings in context of the whole study. • The Bahasa Malaysia abstract appears first. • Both versions must have their respective titles. • Not more than 400 words and double spacing. • Indent in one paragraph

Abstract (in English)

Chapter 1 : Introduction

- Gives a background and highlights the problems under investigation by describing the status of the problem(s) conceptually or theoretically.
- Sets forth the scope and objectives of the study

Chapter 2 : Literature Review

- Outlines plan of action or research protocol. Can include a fully-referenced review of the existing literature.

Chapter 3 : Methodology

- Contains detailed description of experiments carried out.
- Experimental methods should be described so that another researcher will have no difficulty replicating them

Chapter 4 : Results

- Consists of results obtained from the study.
- Can be presented as a series of figures, tables etc. with a descriptive text.
- Analysis of data such as statistical analysis can be stated

Chapter 5 : Discussion

- Discusses the outcome of research in relation to results obtained and existing evidence/reports

Chapter 6 : Conclusion

- Recapitulation of the study's findings.
- Discussion of the findings.
- Recommendation for future research.
- Conclusion of the study

References

- Start on a fresh page.
- The title REFERENCES to be centered in capital letters.
- Single spacing within entry.
- Double-spacing between entries.
- 3-space indentation for entry exceeding a single line.

Appendices

- Referred to in the text.
- Comprises of supplementary illustrative materials, original data, and quotations too long for inclusion in the text or lengthy experimental methods.
- Words APPENDICES to be centered in capital letters.
- Do not number this page.
- Must be listed in the Table of Contents

List of Publication

- List of all the publications (including conference articles from the research work).
- List only accepted publications.
- Manuscript that has been accepted but not published must be printed as "in press..."
- Use the same style as the references.
- Obtain written permission to borrow any copyrighted material. You need to keep your own file of permission letters for any copyrighted materials used in your dissertation or thesis.

USM upholds the policy of ensuring that all students pursuing higher degrees are trained to practice the highest standards of intellectual honesty and integrity. This means that the ideas and data of other researchers that you used must be duly acknowledged in your thesis by citing the quoted materials and providing the full references in the reference list. Failure to do this will make you liable for plagiarism. Please remember that a writer may unconsciously commit plagiarism, but nonetheless it does not absolve him/her from the charge.

Notice of Submission of Thesis

Masters or PhD student is required to submit the Notice of Submission of Thesis form, at least three (3) months prior to submitting copy of the draft thesis. A student's status must be active during the submission of this notice.

Submission of Draft Thesis

Submission of a thesis must be made after a candidate has fulfilled the minimum period of candidature. IPS will not accept any thesis that has not been written following the prescribed format. Format checking must be made at the IPS before submitting the draft thesis.

Students are required to submit a soft copy of the draft thesis, from the first to the last chapter, for Turnitin screening to the respective School, Centre, or Institute.

The Draft Thesis Submission Form must be completed properly.

Should there be any changes to the thesis title, written confirmation from the main supervisor and approval from the respective Dean/Director of the School/Centre/Institute need to be obtained before the thesis is submitted to the IPS on the respective campus.

Payment of the Thesis Examination Fee must be made, and a copy of the receipt should be submitted to IPS together with the draft thesis.

Submission of Draft Thesis

For more information on submission of draft thesis in softcopy, please refer to <https://ips.usm.my/index.php/download/viva-voce>

Viva Voce (Oral Examination)

In general, the purpose of the viva-voce is to demonstrate the originality of student's work and to ensure understanding of the research and defend it verbally. The student must answer question(s) in such a way as to demonstrate sufficient knowledge of the subject to pass the viva-voce.

Students must attend the viva-voce to defend their research. It is compulsory for students to be ready at least 30 minutes prior to the scheduled viva-voce session.

Viva-voce results are as follows:

Scale 1 – *Pass A student is awarded a Doctor of Philosophy/Master's Degree*

Scale 2 – *Pass with minor corrections A student is awarded Doctor of Philosophy/Master's Degree subject to changes/corrections to the thesis as listed in the Viva-voce Panel Report.*

Scale 3 – *Pass with major changes/corrections A student is awarded Doctor of Philosophy/Master's Degree subject to changes/corrections to the thesis as listed in the Viva-voce Panel Report. The thesis MUST be revised and verified by the Viva-voce Panel after the student has made the changes/corrections.*

Scale 4 – *Re-examination (Re-viva) A student is allowed to re-submit the thesis for re-examination after the candidate has made the changes/corrections to the thesis as required in the Viva-voce Panel Report. The thesis MUST be re-examined and the candidate MUST attend another viva-voce. The result will be only PASS or FAIL.*

Scale 5 – *Fail A student is not eligible to be awarded a Doctor of Philosophy/Master's Degree and is not allowed to re-submit the thesis for examination.*

After the viva-voce, a student must obtain the result of the viva-voce and report for making the necessary corrections and improvements from the viva-voce Secretary. Student will be given a specific period to correct and complete the thesis before submitting the final copy. The period given for correction includes checking for corrections, endorsement by the assigned Panel, and submission of the final copy to IPS.

In any case, if a student is required by the Viva-voce Panel to resubmit the thesis for re-examination, student must complete the Re-submission of Thesis Form to IPS.

Submission of Final Thesis

When all corrections have been made and incorporated into the thesis, a student is required to complete the Final Thesis Submission Form to IPS. 15 Postgraduate Student Handbook For more information on submission of final thesis in softcopy, please refer to <https://ips.usm.my/index.php/download/viva-voce>

Student Thesis's Copyright and University's Intellectual Property

The copyright to a thesis belongs to the student. However, as a condition of being awarded the degree, the student hereby grants to the University, a free, ongoing, non-exclusive right to use the relevant work and/or thesis for the University's teaching, research and promotional purposes as well as free and the non-exclusive right to retain, re-produce, display and distribute a limited number of copies of the thesis, together with the right to require its publication for further research and archival use.

Plagiarism

Plagiarism is defined as the act of presenting, quoting, copying, paraphrasing or passing off of ideas, images, processes, works, data, own words or those of other people or sources without proper acknowledgement, reference or quotation to the original source(s). The acts of plagiarism include, but are not limited to, the following:

- *Quoting verbatim word for word replication of work of other people.*
- *Paraphrasing another person's work by changing some of the words, or the order of the words, without due acknowledgement of the source(s).*
- *Submitting another person's work in whole or part as one's own.*
- *Auto-plagiarising or self-plagiarising one's own previous work or work that has already been submitted for assessment or for any other academic award and pass it as a new creation without citing the original content.*
- *Insufficient or misleading referencing of the source(s) that would enable the reader to check whether any particular work has indeed been cited accurately and/or fairly and thus identify the original writer's particular contribution in the work submitted.*

Any other acts, which in the opinion of the University, fall into the plagiarism definition.

For more information on USM Policy on Plagiarism, please refer to <https://ips.usm.my/index.php/current-student-v2/others/usm-policy-on-plagiarism>

GRADUATION REQUIREMENTS

Research Mode student must comply with the following graduation requirements:

- Fulfill the minimum duration of candidature;
- Pass the pre-requisite courses (if any) as determined by the School/Centre/Institute;
- Must obtain minimum grade C for Malaysian Culture and Malay Language (LKM111). This course is compulsory for all international students;
- Pass the Research Methodology course;
- Fulfill the publication requirements as below;

Master (Research)	Doctor of Philosophy
<p>At least one (1) article journal, accepted or published in any categories listed below:</p> <p>i) Journals/proceeding indexed by WoS / SCOPUS / ERA</p> <p>ii) Journals by the University or listed in myJurnal (Malaysian Journal Management System) from MyCite (Malaysian Citation Centre)</p> <p>iii) Book chapters published by publishers listed in the Thomson Reuters Web of Science (WoS) Master Book List or Penerbit USM or MAPIM</p>	<p>At least ONE (1) article in a journal, accepted or published in journals indexed by WoS / SCOPUS / ERA</p> <p>At least TWO (2) articles in a journal, accepted or published in any categories listed below:</p> <p>i) Journal by the University or Listed in MyJournal (Malaysian Journal Management System) from MyCite (Malaysian Citation Centre).</p> <p>ii) Book chapters published by publishers listed in the Clarivate WOS Master Book List or Penerbit USM or MAPIM.</p>

Authorship

Publications accepted must be published with the supervisor(s). The candidate must be the first student author. Only the first student author is allowed to use this article to fulfil his/her graduation requirement.

Plagiarism

Plagiarized article will not be accepted for graduation requirement.

Topic of Publications

Publications accepted must be related to his/her thesis/dissertation.

Affiliation

Publications accepted must carry Universiti Sains Malaysia affiliation.

Blacklisted Journals

Publications in the following journals are NOT accepted:

https://lib.usm.my/index.php/academicians-researchers/scholarly-publishing_guide?view=article&id=293&catid=35

Journal Verification

https://docs.google.com/forms/d/e/1FAIpQLSdZrgzlw5aHIN2HFw4Foddvnt_nkiliTVXDFZ6qN0smuz8PokA/viewform

GRADUATION-IN-COUNCIL (GIC)

GIC is a policy on the submission of degree scrolls and academic transcripts to the graduates after graduation approval by the Senate. Terms and Conditions:

- Graduates are required to settle all outstanding debts with the University (tuition fees, accommodation fees, library, etc).
- All applications are subject to the approval of the Registrar.
- The degree scroll and academic transcripts will be given after 14 working days from the date of approval.
- GiC graduates are permitted to attend the Convocation Ceremony.

Once graduated, graduands can submit GiC application through CampusOnline portal.

STUDENT SUPPORT SERVICES

University provides student support services to enhance postgraduate student knowledge and values. Below are the services provided:

Professional and Personal Development (PPD) Programmes

PPD is series of workshops provided to research mode students to equip them with the essential knowledge that they may need throughout their research journey and skills after graduation. The workshops/seminars under this programme are conducted by expert speakers. List of modules are available at <https://ips.usm.my/index.php/current-student-v2/others/workshops>

Conference Fund

Postgraduate Student Handbook The fund is to assist research mode student to participate and present their research findings at any local or international conference. USM will cover a portion of total payment comprises of conference fees/accommodation/transportation. Eligibility to receive the fund is only once during the student candidature subject to the availability of the funding.

STUDENT CARD (ID)

A student card is issued to all registered USM postgraduate students upon completion of the registration process. This card is non-transferable and are for the following purposes:

- Identification/security check for entry and movement within the campuses
- Access to and use of University facilities (i.e. Library, Laboratory, Recreation and Sports, etc.)
- Examination (accessible to examination venue)
- Medical treatment at the University's Wellness Centre/Panel Clinics or Hospitals
- Other related matters pertaining to immigration authorities and police

Loss of the student card must be reported immediately to USM Security Office and IPS. A fee of RM30.00 (USD10) will be charged for every card replacement.

DRESS CODE

Students must observe the rules for the stipulated dress code of the University and be appropriately attired at all times.

Formal attire

Students are required to wear formal attire at any official functions/activities. Students will be denied entry if they fail to adhere to this ruling.

Casual attire

Students are not allowed to wear casual attire for official functions/activities. Students should wear appropriate attire according to the activities. Female students are strictly not allowed to wear sleeveless shirts, miniskirts or extremely short of shorts and revealing/skimpy clothes. Flip flops should not be worn by all students while attending classes or interviews, visiting University departments, etc. Male students should not have long hair that touches the collar.

Sports attire (shorts) can be used for areas allocated for sports only.

Laboratory coats are meant for working in the laboratories only.

CPR Facilities:

CPR Meeting Room with Learning facilities are now equipped with smart devices, digital technology, Wi-Fi, and modern teaching aids.



Nilam Room with Learning facilities are now equipped with smart devices, digital technology, Wi-Fi, and modern teaching aids.



CPR Delima Room with Learning facilities are now equipped with smart devices, digital technology, Wi-Fi, and modern teaching aids.



Students Room's



Library



Academic Calender:



KALENDAR AKADEMIK - SIDANG AKADEMIK 2025/2026

BAGI SEMUA RANCANGAN (KECUALI PROGRAM DOKTOR PERUBATAN DAN DOKTOR PERGIGIAN)

Kampus Induk : Pendaftaran Pelajar Baharu (26 - 28 September 2025) / **Minggu Siswa Lestari (29 September - 04 Oktober 2025)

Kampus Kejuruteraan : Pendaftaran Pelajar Baharu (28 September 2025) / **Minggu Siswa Lestari (29 September - 04 Oktober 2025)

Kampus Kesihatan : Pendaftaran Pelajar Baharu (30 September 2025) / **Minggu Siswa Lestari (30 September - 04 Oktober 2025)

SEM	MINGGU	AKTIVITI	TARIKH	CATATAN
SATU	1	P&P (7 Minggu)	Isnin, 06.10.2025 - Ahad, 12.10.2025	
	2		Isnin, 13.10.2025 - Ahad, 19.10.2025	
	3		Isnin, 20.10.2025 - Ahad, 26.10.2025	20.10.2025, Isnin - Hari Deepavali**
	4		Isnin, 27.10.2025 - Ahad, 02.11.2025	
	5		Isnin, 03.11.2025 - Ahad, 09.11.2025	
	6		Isnin, 10.11.2025 - Ahad, 16.11.2025	
	7		Isnin, 17.11.2025 - Ahad, 23.11.2025	
	8	Cuti Pertengahan Semester I (1 Minggu)	Isnin, 24.11.2025 - Ahad, 30.11.2025	
	9	P&P (7 Minggu)	Isnin, 01.12.2025 - Ahad, 07.12.2025	
	10		Isnin, 08.12.2025 - Ahad, 14.12.2025	
	11		Isnin, 15.12.2025 - Ahad, 21.12.2025	
	12		Isnin, 22.12.2025 - Ahad, 28.12.2025	25.12.2025, Khamis - Hari Krismas
	13		Isnin, 29.12.2025 - Ahad, 04.01.2026	01.01.2026, Khamis - Tahun Baharu 2026
	14		Isnin, 05.01.2026 - Ahad, 11.01.2026	
	15		Isnin, 12.01.2026 - Ahad, 18.01.2026	
	16	Minggu Ulang Kaji (1 Minggu)	Isnin, 19.01.2026 - Ahad, 25.01.2026	
	17	Peperiksaan (3 Minggu)	Isnin, 26.01.2026 - Ahad, 01.02.2026	01.02.2026, Ahad - Hari Thaipusam
	18		Isnin, 02.02.2026 - Ahad, 08.02.2026	02.02.2026, Isnin - cuti ganti Hari Thaipusam (Kampus Induk & Kejuruteraan)
	19		Isnin, 09.02.2026 - Ahad, 15.02.2026	
	20	Cuti Semester I / Latihan Industri (4 Minggu)	Isnin, 16.02.2026 - Ahad, 22.02.2026	17 & 18.02.2026, Selasa & Rabu - Tahun Baru Cina 19.02.2026, Khamis - Awal Ramadhan
	21		Isnin, 23.02.2026 - Ahad, 01.03.2026	
	22		Isnin, 02.03.2026 - Ahad, 08.03.2026	07.03.2026, Sabtu - Nuzul Al-Quran
	23		Isnin, 09.03.2026 - Ahad, 15.03.2026	
DUA	24/1	P&P (7 Minggu)	Isnin, 16.03.2026 - Ahad, 22.03.2026	21.03.2026 & 22.03.2026, Sabtu & Ahad - Hari Raya Aidilfitri**
	25/2		Isnin, 23.03.2026 - Ahad, 29.03.2026	23.03.2026, Isnin - cuti ganti Hari Raya Aidilfitri**
	26/3		Isnin, 30.03.2026 - Ahad, 05.04.2026	
	27/4		Isnin, 06.04.2026 - Ahad, 12.04.2026	
	28/5		Isnin, 13.04.2026 - Ahad, 19.04.2026	
	29/6		Isnin, 20.04.2026 - Ahad, 26.04.2026	
	30/7		Isnin, 27.04.2026 - Ahad, 03.05.2026	01.05.2026, Jumaat - Hari Pekerja
	31/8	Cuti Pertengahan Semester II (1 Minggu)	Isnin, 04.05.2026 - Ahad, 10.05.2026	
	32/9	P&P (7 Minggu)	Isnin, 11.05.2026 - Ahad, 17.05.2026	
	33/10		Isnin, 18.05.2026 - Ahad, 24.05.2026	
	34/11		Isnin, 25.05.2026 - Ahad, 31.05.2026	27 & 28.05.2026, Rabu & Khamis - Hari Raya Aidiladha** 31.05.2026, Ahad - Hari Wesak
	35/12		Isnin, 01.06.2026 - Ahad, 07.06.2026	01.06.2026, Isnin - cuti ganti Hari Wesak (Kampus Induk & Kejuruteraan) 01.06.2026, Isnin - Hari Keputeraan Yang di-Pertuan Agong
	36/13		Isnin, 08.06.2026 - Ahad, 14.06.2026	
	37/14		Isnin, 15.06.2026 - Ahad, 21.06.2026	17.06.2026, Rabu - Awal Muharram
	38/15		Isnin, 22.06.2026 - Ahad, 28.06.2026	
	39/16	Minggu Ulang Kaji	Isnin, 29.06.2026 - Ahad, 05.07.2026	
40/17	**Peperiksaan (2 Minggu)	Isnin, 06.07.2026 - Ahad, 12.07.2026	07.07.2026, Selasa - Hari Bandar Warisan Dunia Georgetown 11.07.2026, Sabtu - Hari Jadi Yang di-Pertua Negeri Pulau Pinang	
41/18	Peperiksaan (3 Minggu)	Isnin, 13.07.2026 - Ahad, 19.07.2026		
42/19		Isnin, 20.07.2026 - Ahad, 26.07.2026		
43/20		Isnin, 27.07.2026 - Ahad, 02.08.2026		
44/21	Cuti Semester II / Latihan Industri (10/11 Minggu)	Isnin, 03.08.2026 - Ahad, 09.08.2026		
45/22		Isnin, 10.08.2026 - Ahad, 16.08.2026		
46/23		Isnin, 17.08.2026 - Ahad, 23.08.2026		
47/24		*P&P	Isnin, 24.08.2026 - Ahad, 30.08.2026	25.08.2026, Selasa - Maulidur Rasul
48/25	Peperiksaan	Isnin, 31.08.2026 - Ahad, 06.09.2026	31.08.2026, Isnin - Hari Kebangsaan	
49/26		Isnin, 07.09.2026 - Ahad, 13.09.2026		
50/27		Isnin, 14.09.2026 - Ahad, 20.09.2026	16.09.2026, Rabu - Hari Malaysia	
51/28	Isnin, 21.09.2026 - Ahad, 27.09.2026	29 & 30.09.2026, Selasa & Rabu - Hari Keputeraan Sultan Kelantan (Kampus Kesihatan)		
52/29	Isnin, 28.09.2026 - Ahad, 04.10.2026			

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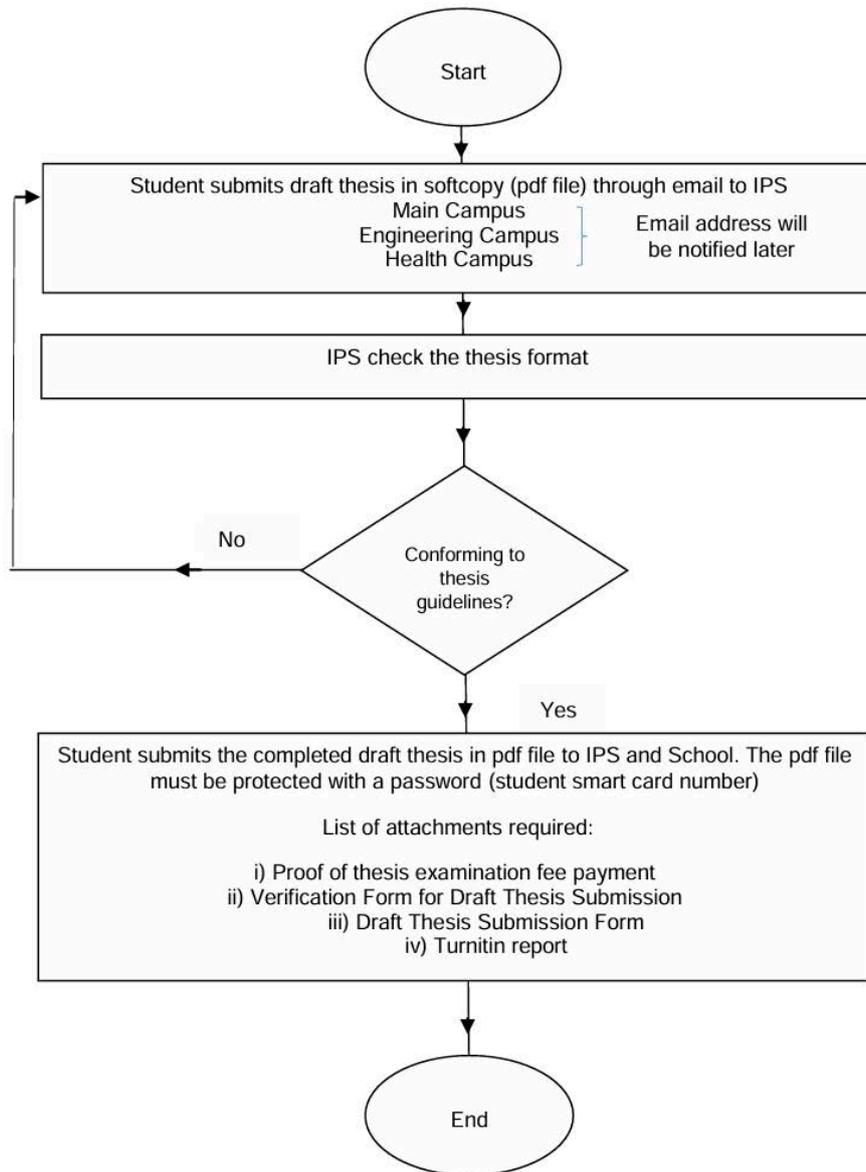
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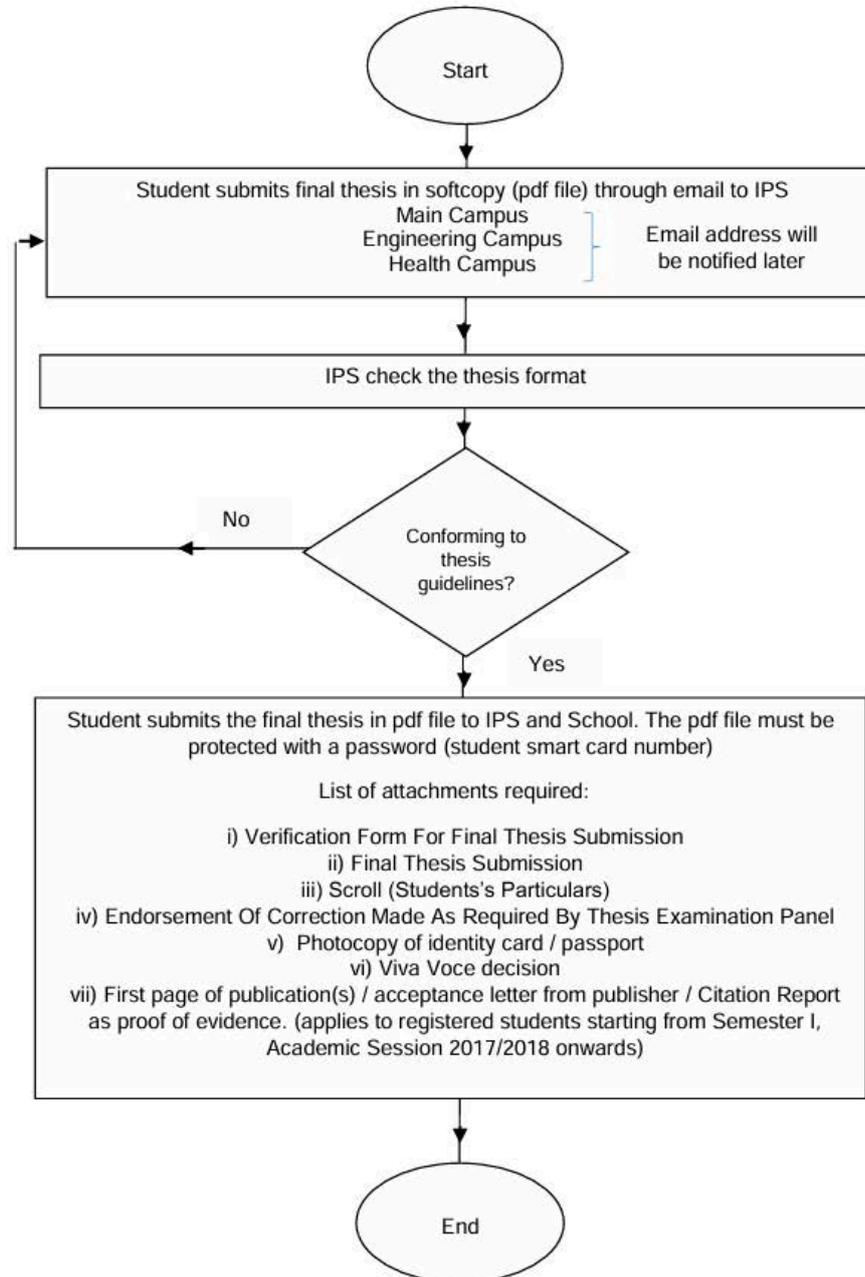
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