

JADUAL WAKTU KURSUS PROGRAM PhD DAN MASTER SAINS (SECARA PENYELIDIKAN)

(COURSES OFFERED FOR PhD/ MASTER OF SCIENCE (BY RESEARCH))

SEMESTER KEDUA 2022/2023

(SECOND SEMESTER 2022/2023)

KURSUS YANG DITAWARKAN

(COURSE OFFERED)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSK5090	Kaedah Penyelidikan dalam Sains Komputer <i>Research Methods in Computer Science</i> (Group 1- Master and PhD by research)	Khamis <i>Thursday 2.00-5.00pm</i> Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Shyamala C. Doraisamy shyamala@upm.edu.my
2.	SSK5200	Pembacaan Terarah dalam Sains Komputer <i>Directed Reading in Computer Science</i>	Rujuk penyelia/penasihat <i>Please refer to the supervisor/advisor</i>	Penyelia/Penasihat <i>Supervisor/Advisor</i>

Other Requirements

Master of Science

- SPS5999 Master Research – EVERY semester
- SPS5903 Seminar (Research Proposal) – the course **should be registered** at least on or before 2nd semester.

PhD

- SPS6999 Doctoral Research – EVERY semester
- SPS6903 Seminar (Research Proposal) – the course **should be registered** at least on or before 2nd semester.

JADUAL WAKTU KURSUS PROGRAM MASTER SAINS KOMPUTER
 (FOR MASTER OF COMPUTER SCIENCE)
SEMESTER KEDUA 2022/2023
 (SECOND SEMESTER 2022/2023)
KURSUS YANG DITAWARKAN
 (COURSE OFFERED)

Kursus Prasyarat (Prerequisite Course)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecture/Coordinator)
1.	SSE5101(P)	Pengaturcaraan dan Penyelesaian Masalah Berasaskan Komputer <i>Programming and Computer-based Problem Solving</i>	Selasa 6.30-9.30pm Bilik Seminar A, Blok A <i>Seminar Room A</i>	Prof. Dr. Abu Bakar Md. Sultan abakar@upm.edu.my

Kursus Teras (Core Courses)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSK5090	Kaedah Penyelidikan dalam Sains Komputer <i>Research Methods in Computer Science</i> (Group 1- Master and PhD by research)	Khamis Thursday 2.00-5.00pm Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Shyamala C. Doraisamy shyamala@upm.edu.my
2.	SSK5090	Kaedah Penyelidikan dalam Sains Komputer <i>Research Methods in Computer Science</i> (Group 2- Master of Computer Science and Master of Information Security)	Isnin Monday 6.00-9.00pm Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Prof. Ts. Dr. Zuriati Ahmad Zukarnain zuriati@upm.edu.my
3.	SSK5210	Kaedah Empirikal dalam Sains Komputer <i>Empirical Methods for Computer Science</i>	Rabu Wednesday 6.30-9.30pm Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Fatimah Sidi fatimah@upm.edu.my
4.	SSK5500	Keselamatan dalam Pengkomputeran <i>Security in Computing</i>	Khamis Thursday 6.30-9.30pm Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Dr. Muhammad Daniel Hafiz Abdullah daniel_hafiz@upm.edu.my
5.	SSK5603	Pembelajaran Mesin <i>Machine Learning</i>	Selasa Tuesday 6.30-9.30pm Dewan Kuliah Utama, Blok A <i>Main Lecture Hall</i>	Dr. Erzam Marlisah erzam@upm.edu.my
6.	SSK5989	Disertasi Dissertation	Sila rujuk penyelaras / Please refer to the coordinator	Penyelaras / Coordinator

Kursus Elektif (*Elective courses*)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSK5102	Pengkomputeran Data Raya <i>Big Data Computing</i>	Jumaat <i>Friday</i> 6.30-9.30pm Bilik Kuliah 2, Blok A <i>Lecture Room 2</i>	Dr. Siti Nurulain Mohd Rum snurulain@upm.edu.my
2	SSK5608	Pengkomputeran Berevolusi <i>Evolutionary Computing</i>	Isnin <i>Monday</i> 6.30-9.30pm Bilik Kuliah 2, Blok A <i>Lecture Room 2</i>	Dr. Nor Azura Husin n_azura@upm.edu.my

JADUAL WAKTU KURSUS PROGRAM MASTER KESELAMATAN MAKLUMAT
 (FOR MASTER OF INFORMATION SECURITY)
SEMESTER KEDUA 2022/2023
 (SECOND SEMESTER 2022/2023)
KURSUS YANG DITAWARKAN
 (COURSE OFFERED)

KOHOT BAHARU (NEW COHORT)

KURSUS PRASYARAT (PREPREQUISITE COURSE)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSE5101(P)	Pengaturcaraan dan Penyelesaian Masalah Berasaskan Komputer <i>Programming and Computer-based Problem Solving</i>	Selasa <i>Tuesday</i> 6.30-9.30 p.m. Bilik Seminar A, Blok A <i>Seminar Room A</i>	Prof. Dr. Abu Bakar Md. Sultan abakar@upm.edu.my

KURSUS TERAS (CORE COURSES)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
2.	SSK5090	Kaedah Penyelidikan dalam Sains Komputer <i>Research Methods in Computer Science</i> (Group 2- Master of Computer Science and Master of Information Security)	Isnin <i>Monday</i> 6.00-9.00 p.m. Bilik Kuliah 3 , Blok A <i>Lecture Room 3</i>	Prof. Ts. Dr. Zuriati Ahmad Zukarnain zuriati@upm.edu.my
3.	SSK5503	Kriptografi dan Protokol Keselamatan <i>Cryptography and Security Protocol</i>	Rabu <i>Wednesday</i> 6.00-9.00 p.m. Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Assoc. Prof. Dr. Zurina Mohd. Hanapi zurinamh@upm.edu.my
4.	SSK5502	Pengujian Penembusan <i>Penetration Testing</i>	Khamis <i>Thursday</i> 6.00-9.00 p.m. Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Mohd Taufik Abdullah taufik@upm.edu.my
5.	SSK5500	Keselamatan dalam Pengkomputeran <i>Security in Computing</i>	Khamis <i>Thursday</i> 6.30-9.30 p.m. Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Dr. Muhammad Daniel Hafiz Abdullah Daniel_hafiz@upm.edu.my
6.	SSK5207	Etika dan Undang-undang Siber <i>Cyber Ethics and Law</i>	Jumaat <i>Friday</i> 6.00-9.00 p.m. Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Assoc. Prof. Dr. Azizol Abdullah azizol@upm.edu.my

7.	SSK5991	Projek <i>Project</i>	Sila rujuk penyelaras <i>Please refer to coordinator</i>	Penyelaras / Coordinator ifah@upm.edu.my
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KURSUS ELEKTIF (*ELECTIVE COURSES*)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
	SSK5512	Steganografi dan Penandaan Genang Digital <i>Steganography and Digital Watermarking</i>	Selasa <i>Tuesday 6.30-9.30 p.m.</i> Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Norziana Jamil norziana@uniten.edu.my

JADUAL WAKTU KURSUS PROGRAM MASTER KESELAMATAN MAKLUMAT
 (FOR MASTER OF INFORMATION SECURITY)
SEMESTER KEDUA 2022/2023
 (SECOND SEMESTER 2022/2023)
KURSUS YANG DITAWARKAN
 (COURSE OFFERED)

KOHOT LAMA (OLD COHORT)

KURSUS PRASYARAT (PREPREQUISITE COURSE)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSE5101(P)	Pengaturcaraan dan Penyelesaian Masalah Berasaskan Komputer <i>Programming and Computer-based Problem Solving</i>	Selasa <i>Tuesday</i> 6.30-9.30 p.m. Bilik Seminar A, Blok A <i>Seminar Room A</i>	Prof. Dr. Abu Bakar Md. Sultan abakar@upm.edu.my

KURSUS TERAS (CORE COURSES)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
	SSK5090	Kaedah Penyelidikan dalam Sains Komputer <i>Research Methods in Computer Science</i> (Group 2- Master of Computer Science and Master of Information Security)	Isnin <i>Monday</i> 6.00-9.00 p.m. Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Prof. Ts. Dr. Zuriati Ahmad Zukarnain zuriati@upm.edu.my
2.	SSK5980	Seminar dalam Sains Komputer <i>Seminar in Computer Science</i>	Selasa <i>Tuesday</i> 5.30-6.30 p.m. Bilik Seminar A, Blok A <i>Seminar Room A</i>	Dr. Sharifah Md Yasin ifah@upm.edu.my
3.	SSK5507	Kriptografi dan Protokol Keselamatan <i>Cryptography and Security Protocol</i>	Rabu <i>Wednesday</i> 6.00-9.00 p.m. Dewan Kuliah Utama, Blok A <i>Main Lecture Hall, Block A</i>	Dr. Sharifah Md Yasin ifah@upm.edu.my
4.	SSK5502	Pengujian Penembusan <i>Penetration Testing</i>	Khamis <i>Thursday</i> 6.00-9.00 p.m. Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Mohd Taufik Abdullah taufik@upm.edu.my
5.	SSK5500	Keselamatan dalam Pengkomputeran <i>Security in Computing</i>	Khamis <i>Thursday</i> 6.30-9.30 p.m. Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Dr. Muhammad Daniel Hafiz Abdullah Daniel_hafiz@upm.edu.my

6.	SSK5207	Undang-undang Siber dan Etika <i>Cyberlaw dan Ethics</i>	Jumaat <i>Friday</i> 6.00-9.00 p.m. Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Assoc. Prof. Dr. Azizol Abdullah azizol@upm.edu.my
7.	SSK5990	Projek <i>Project</i>	Sila rujuk penyelararas <i>Please refer to coordinator</i>	Penyelaras / Coordinator ifah@upm.edu.my

KURSUS ELEKTIF (ELECTIVE COURSES)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSK5512	Steganografi dan Penandaan Genang Digital <i>Steganography and Digital Watermarking</i>	Selasa <i>Tuesday</i> 6.30-9.30 p.m. Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Assoc. Prof. Dr. Norziana Jamil norziana@uniten.edu.my

JADUAL WAKTU KURSUS PROGRAM KEJURUTERAAN PERISIAN
 (FOR MASTER OF SOFTWARE ENGINEERING)
SEMESTER KEDUA 2022/2023
 (SECOND SEMESTER 2022/2023)
KURSUS YANG DITAWARKAN
 (COURSE OFFERED)

KURSUS PRASYARAT (PREPREQUISITE COURSE)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSE5101(P)	Pengaturcaraan dan Penyelesaian Masalah Berasaskan Komputer <i>Programming and Computer-based Problem Solving</i>	Selasa <i>Tuesday</i> 6.30-9.30pm Bilik Seminar A, Blok A <i>Seminar Room A</i>	Prof. Dr. Abu Bakar Md. Sultan abakar@upm.edu.my

KURSUS TERAS (CORE COURSES)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SSE5091	Kaedah Penyelidikan Empirik bagi Kejuruteraan Perisian <i>Empirical Research Methods for Software Engineering</i>	Isnin <i>Monday</i> 6.30-9.30pm Dewan Kuliah Utama, Blok A <i>Main Lecture Hall</i>	Assoc. Prof. Ts. Dr. Rodziah Atan rodziah@upm.edu.my
2.	SSE5206	Pengukuran Perisian <i>Software Measurement</i>	Selasa <i>Tuesday</i> 6.30-9.30pm Bilik Kuliah 2, Blok A <i>Lecture Room 2</i>	Assoc. Prof. Ts. Dr. Koh Tieng Wei twkoh@upm.edu.my
3.	SSE5304	Pengujian Perisian <i>Software Testing</i>	Rabu <i>Wednesday</i> 6.30-9.30pm Bilik Kuliah 2, Blok A <i>Lecture Room 2</i>	Ts. Dr. Mohd Hafeez Osman hafeez@upm.edu.my
4.	SSE5207	Model dan Kaedah Kejuruteraan Perisian <i>Software Engineering Models and Methods</i>	Khamis <i>Thursday</i> 6.30-9.30pm Bilik Kuliah 2, Blok A <i>Lecture Room 2</i>	Ts. Dr. Muhamad Sufri Muhammad sufri@upm.edu.my
5.	SSE5980	Seminar dalam Kejuruteraan Perisian <i>Seminar in Software Engineering</i>	Isnin <i>Monday</i> 6.30-7.30pm Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Penyelaras / Coordinator

6.	SSE5988	Projek <i>Project</i>	Sila rujuk penyelararas <i>Please refer to the coordinator</i>	Penyelaras / Coordinator
7.	SSE5991	Projek <i>Project</i>	Sila rujuk penyelararas <i>Please refer to the coordinator</i>	Penyelaras / Coordinator

KURSUS ELECTIVE (ELECTIVE COURSE)

1.	SSE5305	Kejuruteraan Web <i>Web Engineering</i>	Jumaat <i>Friday</i> 6.30-9.30pm Bilik Kuliah 1, Blok A <i>Lecture Room 1</i>	Dr. Muhammad Luqman Mahamad Zakaria luqman_zakaria@upm.edu.my
2.	SSE5402	Kejuruteraan Perisian Masa Nyata <i>Real-Time Software Engineering</i>	Selasa <i>Tuesday</i> 6.30-9.30pm Makmal Kejuruteraan Perisian 1, Blok B <i>Software Engineering Lab 1</i>	Ts. Dr. Khaironi Yatim Sharif khaironi@upm.edu.my

JADUAL WAKTU KURSUS PROGRAM MASTER RANGKAIAN KOMPUTER
 (FOR MASTER OF COMPUTER NETWORK)
SEMESTER KEDUA 2022/2023
 (SECOND SEMESTER 2022/2023)
KURSUS YANG DITAWARKAN
 (COURSE OFFERED)

Kursus Prasyarat (Prerequisite Course)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecture/Coordinator)
1.	CNS3200(P)	Komunikasi dan Rangkaian Komputer <i>Computer Network and Communication</i>	Isnin Monday 6.30-9.30pm Makmal Kejuruteraan Perisian 1, Blok B <i>Software Engineering Lab 1</i>	Mr. Mohd. Noor Derahman mnoord@upm.edu.my

Kursus Teras (Core Courses)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecturer/Coordinator)
1.	SKR5201	Keselamatan Rangkaian dan Komunikasi <i>Network and Communication Security</i>	Isnin Monday 6.30-9.30pm Makmal Rangkaian 1, Blok B <i>Network Laboratory</i>	Dr. Normalia Samian normalia@upm.edu.my
2.	SKR5501	Pemodelan Prestasi Rangkaian Komunikasi <i>Performance Modeling of Communication Networks</i>	Selasa Tuesday 6.30-9.30pm Bilik Kuliah 3, Blok A <i>Lecture Room 3</i>	Dato' Prof. Dr. Shamala A/P K. Subramaniam shamala_ks@upm.edu.my
3.	SKR5401	Pengkomputeran Merata Wayarles <i>Wireless Pervasive Computing</i>	Rabu Wednesday 6.30-9.30pm Bilik Seminar A, Blok A <i>Seminar Room A</i>	Mrs. Sazlinah Hasan sazlinah@upm.edu.my
4.	SKR5302	Pengkomputeran Teragih Lanjutan <i>Advanced Distributed Computing</i>	Khamis Thursday 6.30-9.30pm Bilik Seminar A, Blok A <i>Seminar Room A</i>	Assoc. Prof. Dr. Rohaya Latip rohayalt@upm.edu.my
5.	SKR5988	Disertasi <i>Disertation</i>	Sila rujuk penyelaras / <i>Please refer to the coordinator</i>	Penyelaras / <i>Coordinator</i>

Kursus Elektif (Elective courses)

Bil.	Kod Kursus (Course Code)	Tajuk Kursus (Course Title)	Waktu/Bilik Kuliah (Time/Venue)	Pensyarah/Penyelaras (Lecture/Coordinator)
1.	SKR5400	Pengkomputeran Prestasi Tinggi Teragih <i>Distributed High-Performance Computing</i>	Jumaat Friday 6.30-9.30pm Bilik Seminar A, Blok A <i>Seminar Room A</i>	Assoc. Prof. Ts. Dr. Masnida Hussin masnida@upm.edu.my