

| No           | Kode MK | Nama Mata Kuliah                                 |                                                   | SKS | Prasyarat<br>(Kode MK) | Wajib/<br>Pilihan |
|--------------|---------|--------------------------------------------------|---------------------------------------------------|-----|------------------------|-------------------|
|              |         | Bahasa Indonesia                                 | Bahasa Inggris                                    |     |                        |                   |
| SEMESTER I   |         |                                                  |                                                   |     |                        |                   |
| 1            | UXN1001 | Pendidikan Agama Islam                           | Islamic Religion Learning                         | 2   |                        | Wajib             |
|              | UXN1002 | Pendidikan Agama Katolik                         | Religion: Catholics                               |     |                        |                   |
|              | UXN1003 | Pendidikan Agama Protestan                       | Religion: Christian Prostestant                   |     |                        |                   |
|              | UXN1004 | Pendidikan Agama Hindu                           | Religion: Hindu                                   |     |                        |                   |
|              | UXN1005 | Pendidikan Agama Budha                           | Religion: Budha                                   |     |                        |                   |
| 2            | UXN1008 | Pendidikan Kewarganegaraan                       | Civics                                            | 2   |                        | Wajib             |
| 3            | UXN1009 | Bahasa Indonesia                                 | Indonesian Language                               | 2   |                        | Wajib             |
| 4            | UNR1002 | Bahasa Inggris                                   | English                                           | 1   |                        | Wajib             |
| 5            | MSI1101 | Arsitektur dan Organisasi Komputer               | Architecture and Computer Organization            | 3   |                        | Wajib             |
| 6            | MSI1102 | Konsep Pemrograman                               | Programming Concept                               | 4   |                        | Wajib             |
| 7            | MSI1103 | Manajemen dan Organisasi                         | Organization and Managerial                       | 2   |                        | Wajib             |
| 8            | MSI1104 | Teknologi Multimedia                             | Multimedia Technology                             | 3   |                        | Wajib             |
| 9            | MSI1105 | Statistika Dan Probabilitas                      | Statistic and Probability                         | 3   |                        | Wajib             |
|              |         |                                                  |                                                   |     | Total SKS              | 22                |
| SEMESTER II  |         |                                                  |                                                   |     |                        |                   |
| 1            | UXN1007 | Pendidikan Pancasila                             | Ideology of Pancasila                             | 2   |                        | Wajib             |
| 2            | UNR1001 | Literasi Digital                                 | Digital Literation                                | 1   |                        | Wajib             |
| 3            | UNR1003 | Budaya Melayu                                    | Malay Culture                                     | 2   |                        | Wajib             |
| 4            | UNR1004 | Ilmu Lingkungan & Mitigasi Bencana               | Environment Science & Forcemeyour Mitigation      | 2   |                        | Wajib             |
| 5            | UNR1005 | Kewirausahaan                                    | Entrepreneurship                                  | 2   |                        | Wajib             |
| 6            | MSI1201 | Konsep Basis Data                                | Database Concept                                  | 3   |                        | Wajib             |
| 7            | MSI1202 | Matematika Diskrit                               | Discrete Mathematics                              | 3   |                        | Wajib             |
| 8            | MSI1203 | Pemrograman Berorientasi Objek                   | Object Oriented Programming                       | 3   | MSI1102                | Wajib             |
| 9            | MSI1204 | Sistem Operasi                                   | Operating Systems                                 | 3   |                        | Wajib             |
|              |         |                                                  |                                                   |     | Total SKS              | 21                |
| SEMESTER III |         |                                                  |                                                   |     |                        |                   |
| 1            | MSI2101 | Algoritma dan Struktur Data                      | Algorithm and Data Structure                      | 3   | MSI1203                | Wajib             |
| 2            | MSI2102 | Aljabar Linier dan Vektor                        | Linear Algebra and Vector                         | 3   |                        | Wajib             |
| 3            | MSI2103 | Basis Data Lanjut                                | Advanced Database                                 | 3   | MSI1201                | Wajib             |
| 4            | MSI2104 | Jaringan Komputer                                | Computer Network                                  | 3   |                        | Wajib             |
| 5            | MSI2105 | Pengembangan Antarmuka Pengguna Sistem Informasi | Development of Information Systems User Interface | 3   |                        | Wajib             |
| 6            | MSI2106 | Rekayasa Perangkat Lunak                         | Software Enginering                               | 3   |                        | Wajib             |

|             |         |                                                   |                                                   |   |                     |         |
|-------------|---------|---------------------------------------------------|---------------------------------------------------|---|---------------------|---------|
| 5           | MSI2105 | Pengembangan Antarmuka Pengguna Sistem Informasi  | Development of Information Systems User Interface | 3 |                     | Wajib   |
| 6           | MSI2106 | Rekayasa Perangkat Lunak                          | Software Enginering                               | 3 |                     | Wajib   |
| 7           | MSI2107 | Sistem Informasi Manajemen                        | Management Information System                     | 3 |                     | Wajib   |
| Total SKS   |         |                                                   |                                                   |   |                     | 21      |
| SEMESTER IV |         |                                                   |                                                   |   |                     |         |
| 1           | MSI2201 | Keamanan Sistem Informasi                         | Information System Security                       | 3 | MSI2104             | Wajib   |
| 2           | MSI2202 | Komputasi Awan                                    | Cloud Computing                                   | 3 |                     | Wajib   |
| 3           | MSI2203 | Pengembangan Sistem Informasi Berbasis Web        | Web-based Information Systems Development         | 3 | MSI2105             | Wajib   |
| 4           | MSI2204 | Sistem Cerdas                                     | Intelligent System                                | 3 | MSI2104             | Wajib   |
| 5           | MSI2205 | Rekayasa Proses Bisnis                            | Business Process Engineering                      | 3 | MSI2106             | Wajib   |
| 6           | MSI2206 | Sistem Informasi Geografis                        | Geographical Information System                   | 3 |                     | Wajib   |
| 7           | MSI2207 | Pemrograman Bahasa Alami                          | Natural Language Programming                      | 3 |                     | Pilihan |
| 8           | MSI2208 | Evaluasi Antarmuka Pengguna                       | User Experience and Interface Evaluation          |   |                     | Pilihan |
| Total SKS   |         |                                                   |                                                   |   |                     | 21      |
| SEMESTER V  |         |                                                   |                                                   |   |                     |         |
| 1           | MSI3101 | Data Mining                                       | Data Mining                                       | 3 | MSI2204             | Wajib   |
| 2           | MSI3102 | Kerja Praktek                                     | Professional Placement                            | 3 |                     | Wajib   |
| 3           | MSI3103 | Metodologi Penelitian                             | Research Methodology                              | 3 |                     | Wajib   |
| 4           | MSI3104 | Perencanaan Sumber daya Perusahaan                | Enterprise Resource Planning                      | 3 | MSI2107             | Wajib   |
| 5           | MSI3105 | Pengembangan Aplikasi Perangkat Bergerak          | Mobile Application Development                    | 3 | MSI2101             | Wajib   |
| 6           | MSI3106 | Tata Kelola Sistem Informasi                      | Information Systems Governance                    | 3 | MSI1103             | Wajib   |
| 7           | MSI3107 | Manajemen Layanan Sistem Informasi                | Management of Information Systems Services        | 3 | MSI2205             | Pilihan |
| 8           | MSI3108 | Pengembangan Sistem Informasi Berbasis Web Lanjut | Advance Web-based Information Systems Development |   | MSI2203             | Pilihan |
| 9           | MSI3109 | Sistem Pendukung Keputusan                        | Decision Support System                           |   | MSI2204             | Pilihan |
| Total SKS   |         |                                                   |                                                   |   |                     | 21      |
| SEMESTER VI |         |                                                   |                                                   |   |                     |         |
| 1           | MSI3201 | Etika Profesi                                     | Professional Ethics                               | 2 |                     | Wajib   |
| 2           | MSI3202 | Komunikasi Antar Pribadi                          | Interpersonal Communication                       | 2 |                     | Wajib   |
| 3           | MSI3203 | Manajemen Proyek Sistem Informasi                 | Information Systems Project Management            | 3 | MSI2205             | Wajib   |
| 4           | MSI3204 | Perancangan Strategis Sistem Informasi            | Information Systems Strategic Planning            | 3 | MSI2205             | Wajib   |
| 5           | MSI3205 | Sistem Temu Kembali                               | Information Retrieval System                      | 3 |                     | Wajib   |
| 6           | MSI3206 | Kecerdasan Bisnis dan Gudang Data                 | Business Intelligence and Data Warehouse          | 3 | MSI3101             | Pilihan |
| 7           | MSI3207 | Manajemen Resiko Sistem Informasi                 | Information System Risk Management                |   | MSI3104 dan MSI3106 | Pilihan |
| Total SKS   |         |                                                   |                                                   |   |                     | 16      |

**SEMESTER VII**

|   |         |                                      |                                                          |   |         |       |
|---|---------|--------------------------------------|----------------------------------------------------------|---|---------|-------|
| 1 | UNR4106 | Kuliah Kerja Nyata                   | <i>Community Services</i>                                | 4 |         | Wajib |
| 2 | MSI4101 | Audit Sistem Informasi               | <i>Information Systems Audit</i>                         | 3 | MSI3207 | Wajib |
| 3 | MSI4102 | Big Data                             | <i>Big Data</i>                                          | 3 |         | Wajib |
| 4 | MSI4103 | Kapita Selekta                       | <i>Capita Selecta</i>                                    | 3 |         | Wajib |
| 5 | MSI4104 | Proyek Pengembangan Sistem informasi | <i>Information System Development Project Internship</i> | 3 | MSI3203 | Wajib |

**Total SKS 16****SEMESTER VIII**

|   |         |         |                      |   |  |       |
|---|---------|---------|----------------------|---|--|-------|
| 1 | MSI4401 | Skripsi | <i>Final Project</i> | 6 |  | Wajib |
|---|---------|---------|----------------------|---|--|-------|

**Total SKS 6**