**KURIKULUM PROGRAM STUDI ILMU KOMPUTER**

**FAKULTAS TEKNIK**

**UNIVERSITAS GRAHA NUSANTARA PADANGSIDIMPUAN**

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| **SEMESTER 1** |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | UNV 1020 | Pendidikan Agama | 2 (2-0) |  |
| 2 | UNV 1012 | Pancasila | 2 (2-0) |  |
| 3 | UNV 1042 | Bahasa Indonesia | 2 (2-0) |  |
| 4 | UNV 1052 | Bahasa Inggris I | 2 (2-0) |  |
| 5 | UNV 1062 | Kewirausahaan | 2 (2-0) |  |
| 6 | UNV 1071 | Kepemimpinan | 2 (2-0) |  |
| 7 | FTK 1112 | Fisika Dasar | 2 (2+1) |  |
| 8 | KMT 1323 | Algoritma & Pemograman I | 3 (2+1) |  |
| 9 | KMT 1352 | Pengantar Teknologi Informasi | 2 (2-0) |  |
| 10 | KMT 1413 | Database | 3 (2+1) |  |
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| **SEMESTER 3** |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 3433 | Matriks & Ruang Vektor | 3 (3-0) |  |
| 2 | KMT 3353 | Struktur Data | 3 (3-0) |  |
| 3 | KMT 3313 | Probabilitas & Statistika | 3 (3-0) |  |
| 4 | KMT 3453 | Pemograman Berorientasi Objek | 3 (2+1) |  |
| 5 | KMT 3343 | Komputer Masyarakat | 3 (3-0) |  |
| 6 | KMT 3323 | Sistem Operasi | 3 (3-0) |  |
| 7 | KMT 3322 | Interaksi Manusia Komputer | 2 (2-0) |  |
| 8 | KMT 3332 | Rekayasa Perangkat Lunak I | 2 (2-0) |  |
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| **SEMESTER 5** |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 5423 | Sistem Pengambilan Keputusan  | 3 (3-0) |  |
| 2 | KMT 5433 | Grafika Komputer & Visualisasi | 3 (2+1) |  |
| 3 | KMT 5523 | Jaringan Komputer | 3 (2+1) |  |
| 4 | KMT 5413 | Data Mining | 2 (2-0) |  |
| 5 | KMT 5352 | Pendidikan Karakter | 2 (2-0) |  |
| 7 | KMT 5413 | Web Programming | 3 (2+1) |  |
| 8 | KMT 5342 | Kecakapan Antar Personal  | 2 (2-0) |  |
| 9 | KMT5163 | Network System Administrator (Peminatan 1) | 3 (2+1) |  |
|   | Mata Kuliah Pilihan 6 SKS | 21 |  |
|  |  |  |   |  |
| **SEMESTER 7** |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 7323 | Sistem Infrastruktur | 3 (2+1) |  |
| 2 | KMT 7912 | Kerja Praktek | 2 (2-0) |  |
| 3 | KMT 7433 | Animasi Komputer & Multimedia | 3 (2+1) |  |
| 4 | KMT 7413 | Pemodelan Simulasi | 3 (3-0) |  |
| 5 | KMT 7113 | IT Banking (Peminatan 1) | 3 (2+1) |  |
| 6 | KMT7173 | Network Security (Peminatan 4) | 3 (2+1) |  |
| 7 |  |  |  |  |
|   |   |  Matakuliah Pilihan 6 SKS | 17 |   |
| **SEMESTER 2** |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 2413 | Database Lanjutan | 3 (2+1) |  |
| 2 | KMT 2353 | Organisasi & Arsitektur Komputer | 3 (3-0) |  |
| 3 | KMT 2323 | Algoritma & Pemograman II | 3 (2+1) |  |
| 4 | UNV 2012 | Kewarganegaraan | 2 (2-0) |  |
| 5 | KMT 2052 | Bahasa Inggris II | 2 (2-0) |  |
| 6 | KMT 2443 | Kalkulus | 3 (3-0) |  |
| 7 | KMT 2313 | Matematika Diskrit | 3 (3-0) |  |
| 8 | KMT 2343 | Pemograman Aplikasi | 3 (2+1) |  |
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| **SEMESTER 4** |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 4353 | Pemograman Berorientasi Objek | 3 (2+1) |  |
| 2 | KMT 4223 | Web Desain | 3 (2+1) |  |
| 3 | KMT 4423 | Artifcila Intellegence | 3 (3-0) |  |
| 4 | KMT 4313 | Otomata & Teori Bahasa Formal | 3 (3-0) |  |
| 5 | KMT 4353 | Kompleksitas & Strategi Algoritmik | 3 (3-0) |  |
| 6 | KMT 4323 | Sistem Operasi Lanjut | 3 (3-0) |  |
| 7 | KMT 4332 | Rekayasa Perangkat Lunak II | 2 (2-0) |  |
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| **SEMESTER 6** |  |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 6413 | Mobile Programming | 3 (2+1) |  |
| 2 | KMT 6422 | Metode Penelitian | 2 (2-0) |  |
| 3 | KMT 6433 | Sistem Informasi Geografis | 3 (2+1) |  |
| 4 | KMT 6343 | Datawarehouse | 3 (2+1) |  |
| 5 | KMT6164 | Etika Profesi | 3 (2+1) |  |
| 6 | KMT6133 | IT Management (Peminatan 2) | 3 (2+1) |  |
| 7 | KMT 6112 | Komunikasi Data dan jaringan | 3 (2+1) |  |
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| **SEMESTER 8** |  |  |  |  |
| **NO** | **KODE** | **MATA KULIAH** | **SKS** | **DOSEN PENGAJAR** |
|
| 1 | KMT 8214 | Tugas Akhir | 4 (4-0) |  |
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