**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 |  |
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| **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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