|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Semester** | **No.** | **Kode Mata Kuliah** | **Nama Mata Kuliah** | **SKS** |
| 1 | 1 | SPS8201 | Introduction of Philosophy Science  | 2 |
| 2 | SPS8202 | Applied Statistics  | 3 |
| 3 | KOM8101 | Research methodology  | 3 |
| 4 | KOM8102 | Modelling, simulation, and optimization  | 3  |
| 5 | KOM8103 | Algorithm Analysis and Design  | 3  |
| 6 | KOM8104 | Machine Learning  | 3  |
|  |  | Total SKS | 17 |
| 2 | 1 | SPS8203 | Research design | 2 |
|  | 2 | KOM8105 | Intelligent Decision Support System  | 3 |
| 3 | KOM8106 | Design Analysis Big Data | 3  |
| 4 | KOM8107 | Software Engineering for Business  | 3  |
| 5 | KOM8108 | Data Mining and Business Intellegence\*  | 3  |
| KOM8109 | E-Government\*\*  | 3  |
| 6 | KOM8201 | Deep Learning for Visual Recognition\*  | 3  |
| KOM8202 | Applied Machine Learning & Pattern Recognition\* | 3  |
| KOM8203 | Natural Language Processing\*  | 3  |
| KOM8204 | Knowledge Representation and Reasoning\* | 3  |
| KOM8205 | IoT Development\* | 3  |
| KOM8206 | Software Testing\*\*  | 3  |
| KOM8207 | Strategic Management in Information System\*\*  | 3  |
| KOM8208 | IT Infrastructure Planning\*\*  | 3  |
| KOM8209 | Digital Business Design\*\* | 3  |
| KOM8210 | Knowledge Management System\*\*  | 3  |
|  |  | Total SKS | 17 |
| 3 & 4 | 1 | SPS204 | Theses | 8 |
| 2 | -- | TOEFL Preparation\*\*\* | 0 |
|  |  | Total SKS | 8 |
| Jumlah SKS yang diambil | 42 |

\* Konsentrasi Artificial Intelligent (AI)

\*\*Konsentrasi System Enterprise and Information System (ES)

\*\*\*Wajib diambil oleh mahasiswa yang skor toeflnya belum mencapai standar minimal 500.