

Aturan Ekvivalensi Peminatan Electrical Engineering Research and Publication

A. ATURAN UMUM PENGAMBILAN MK

1	Semua <i>mahasiswa baru</i> reguler/blended learning bukan Fast Track dikenai aturan pengambilan MK sesuai dengan Struktur Kurikulum Prodi S2 Teknik Elektro tahun 2024.
2	Semua mahasiswa baru jalur Fast Track dan <i>mahasiswa lama</i> yang telah mengambil MK S2 Teknik Elektro sebelumnya, aturan pengambilan MK berdasarkan poin B s.d. E.
3	Beban belajar <i>mahasiswa baru</i> Prodi S2 Teknik Elektro menyesuaikan Kurikulum 2024, yaitu 57 SKS dengan masa tempuh 2 semester untuk Fast Track dan 3-4 semester untuk non Fast Track
4	Beban belajar 46 SKS (Kurikulum 2020) untuk <i>mahasiswa lama</i> Prodi S2 Teknik Elektro masih dimungkinkan dengan syarat ketulusan paling lambat September 2025.

B. ATURAN MK WAJIB PRODI BERHUBUNGAN DENGAN PENELITIAN (TESIS)

1	Semua mahasiswa yang berencana akan mengambil MK berikut: TTI724 Tesis (Kurikulum 2020) maka diwajibkan untuk mengambil kuliah: <table border="1" style="margin-left: 20px;"> <tr> <td>ABK7-YAA5</td> <td>Tesis 1: Publikasi</td> </tr> <tr> <td>ABK7-ZAA5</td> <td>Tesis 2</td> </tr> </table>	ABK7-YAA5	Tesis 1: Publikasi	ABK7-ZAA5	Tesis 2												
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3	Mahasiswa yang belum mengambil atau belum lulus MK Proposal Tesis, MK Proyek, Seminar dan Publikasi, dan MK Metodologi Penelitian maka diwajibkan untuk mengambil MK padanan berikut di Kurikulum 2024: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">MK di Kurikulum 2020</th> <th colspan="2">MK Padanan di Kurikulum 2024</th> </tr> </thead> <tbody> <tr> <td>TTI-6Z2</td> <td>Proyek, Seminar dan Publikasi</td> <td>ABK6-ZAB3</td> <td>Perancangan Penelitian</td> </tr> <tr> <td>TTI-7Y3</td> <td>Proposal Tesis</td> <td>ABK7-XAA3</td> <td>Proposal Tesis</td> </tr> <tr> <td>TTI-6C3</td> <td>Metodologi Penelitian</td> <td>ABK6-DAB3</td> <td>Filsafat dan Etika Penelitian</td> </tr> </tbody> </table>	MK di Kurikulum 2020		MK Padanan di Kurikulum 2024		TTI-6Z2	Proyek, Seminar dan Publikasi	ABK6-ZAB3	Perancangan Penelitian	TTI-7Y3	Proposal Tesis	ABK7-XAA3	Proposal Tesis	TTI-6C3	Metodologi Penelitian	ABK6-DAB3	Filsafat dan Etika Penelitian
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C. ATURAN MK WAJIB PRODI (SELAIN PADA POIN B)

1	Mahasiswa yang telah lulus MK berikut di kurikulum 2020: <table border="1" style="margin-left: 20px;"> <tr> <td>TTI-6A3</td> <td>Pembelajaran Secara Statistik dan Optimisasi (3 SKS)</td> </tr> <tr> <td>TTI-6B3</td> <td>Manajemen dan Bisnis TIK (3 SKS)</td> </tr> <tr> <td>TTI-6D3</td> <td>Internet of Things (3 SKS)</td> </tr> <tr> <td>TEI-6A3</td> <td>Sistem Cerdas (3 SKS)</td> </tr> </table> <p>maka dianggap sudah mengambil MK wajib prodi sebanyak SKS yang telah lulus dari 4 MK di atas.</p>	TTI-6A3	Pembelajaran Secara Statistik dan Optimisasi (3 SKS)	TTI-6B3	Manajemen dan Bisnis TIK (3 SKS)	TTI-6D3	Internet of Things (3 SKS)	TEI-6A3	Sistem Cerdas (3 SKS)								
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2	Mahasiswa yang belum lulus MK Manajemen dan Bisnis TIK, MK Pembelajaran Secara Statistik dan Optimisasi, MK Internet of Things, dan/atau MK Sistem Cerdas di Kurikulum 2020 maka diwajibkan untuk mengambil MK padanan berikut di Kurikulum 2024: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">MK belum lulus di Kurikulum 2020</th> <th colspan="2">MK Padanan di Kurikulum 2024</th> </tr> </thead> <tbody> <tr> <td>TTI-6B3</td> <td>Manajemen dan Bisnis TIK</td> <td>ABK6-CAB3</td> <td>Kewirausahaan Untuk Perekayasa</td> </tr> <tr> <td>TEI-6A3</td> <td>Sistem Cerdas</td> <td>ABK6-AAB3</td> <td>Matematika Teknik Lanjut</td> </tr> <tr> <td>TTI-6A3</td> <td>Pembelajaran Secara Statistik dan Optimisasi</td> <td>ABK6-BAB3</td> <td>Pembelajaran Mendalam Untuk Teknik Elektro</td> </tr> </tbody> </table> <p>Catatan: Mahasiswa yang belum lulus MK Internet of Things di Kurikulum 2020 diharuskan mengambil 1 MK pengganti (total 3 sks) sebagai pengganti kuliah Internet of Things</p>	MK belum lulus di Kurikulum 2020		MK Padanan di Kurikulum 2024		TTI-6B3	Manajemen dan Bisnis TIK	ABK6-CAB3	Kewirausahaan Untuk Perekayasa	TEI-6A3	Sistem Cerdas	ABK6-AAB3	Matematika Teknik Lanjut	TTI-6A3	Pembelajaran Secara Statistik dan Optimisasi	ABK6-BAB3	Pembelajaran Mendalam Untuk Teknik Elektro
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D. ATURAN MK WAJIB PEMINATAN

1	Mahasiswa yang telah lulus MK berikut di kurikulum 2020: <table border="1" style="margin-left: 20px;"> <tr> <td>TEI-6J4</td> <td>Topik Penelitian 1</td> </tr> <tr> <td>TEI-6K4</td> <td>Topik Penelitian 2</td> </tr> <tr> <td>TEI-7F4</td> <td>Topik Penelitian 3</td> </tr> <tr> <td>TEI-7G4</td> <td>Topik Penelitian 4</td> </tr> </table> <p>maka bisa dianggap sudah mengambil MK wajib prodi sebanyak SKS yang telah lulus dari 4 MK di atas. Tetapi, jika ada MK yang belum lulus, maka diwajibkan untuk mengambil MK tersebut dengan padanan sebagai berikut di Kurikulum 2024: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">MK belum lulus di Kurikulum 2020</th> <th colspan="2">MK Padanan di Kurikulum 2024</th> </tr> </thead> <tbody> <tr> <td>TEI-6J4</td> <td>Topik Penelitian 1</td> <td>ABK6-VFB5</td> <td>Topik Penelitian 1</td> </tr> <tr> <td>TEI-6K4</td> <td>Topik Penelitian 2</td> <td>ABK6-WFB5</td> <td>Topik Penelitian 2</td> </tr> <tr> <td>TEI-7F4</td> <td>Topik Penelitian 3</td> <td>ABK7-KFB5</td> <td>Topik Penelitian 3</td> </tr> <tr> <td>TEI-7G4</td> <td>Topik Penelitian 4</td> <td>ABK7-KFB5</td> <td>Topik Penelitian 4</td> </tr> </tbody> </table> </p>	TEI-6J4	Topik Penelitian 1	TEI-6K4	Topik Penelitian 2	TEI-7F4	Topik Penelitian 3	TEI-7G4	Topik Penelitian 4	MK belum lulus di Kurikulum 2020		MK Padanan di Kurikulum 2024		TEI-6J4	Topik Penelitian 1	ABK6-VFB5	Topik Penelitian 1	TEI-6K4	Topik Penelitian 2	ABK6-WFB5	Topik Penelitian 2	TEI-7F4	Topik Penelitian 3	ABK7-KFB5	Topik Penelitian 3	TEI-7G4	Topik Penelitian 4	ABK7-KFB5	Topik Penelitian 4
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2	Jika jumlah SKS keseluruhan yang telah dan akan diambil pada poin D.1 lebih kecil dari 16 SKS, maka untuk menutupi kekurangan SKS untuk mencapai jumlah SKS MK Wajib Peminatan minimal 16 SKS, mahasiswa dapat memilih MK Pilihan disesuaikan dengan jumlah kekurangan SKS:																												

E. ATURAN MK PILIHAN PEMINATAN

1	Mahasiswa yang telah mengambil dan lulus MK Pilihan mayor/minor dari peminatan EERP dan dari peminatan lain Kurikulum 2020 di Prodi S2 TE, maka dapat diakui di kurikulum 2024 <p>Catatan: Syarat pengambilan MK Pilihan Peminatan Mayor/Minor sebanyak 3 MK (9 SKS)</p>
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2	Mahasiswa dapat mengambil MK Pilihan dari seluruh peminatan di Kurikulum 2024: <p>Tetapi, mahasiswa yang telah lulus MK pilihan di kurikulum 2020 tidak diperbolehkan mengambil MK pilihan yang mempunyai padanan di kurikulum 2024 sesuai tabel ekuivalensi berikut:</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">MK telah lulus di Kurikulum 2020</th> <th colspan="2">MK peminatan yang tidak boleh diambil di Kurikulum 2024</th> </tr> </thead> <tbody> <tr> <td>TTI-7O3</td> <td>Space System Engineering</td> <td>ABK7-AVB3</td> <td>Advanced Satellite Engineering</td> </tr> <tr> <td>TTI-6P3</td> <td>Advanced Multiple Access</td> <td>ABK6-NVB3</td> <td>Advanced Multiple Access</td> </tr> <tr> <td>TTI-5A3</td> <td>Radar Signal Processing</td> <td>ABK6-OVB3</td> <td>Radar Signal Processing</td> </tr> <tr> <td>TTI-7G3</td> <td>Advanced Antenna</td> <td>ABK6-PVB3</td> <td>Advanced Antenna</td> </tr> <tr> <td>TTI-7H3</td> <td>Broadband Communication Networks</td> 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