

MMM 7507 Topik dalam Komputasi Statistika Matematika B (3 SKS)

Prasyarat:-

Capaian Pembelajaran Mata Kuliah (CPMK):

Setelah mengikuti mata kuliah ini, mahasiswa akan mampu:

- CO 1. menguasai konsep-konsep dasar dalam Komputasi Statistika Matematika
- CO 2. melakukan kajian terhadap metode terbaru dalam kajian Komputasi Statistika Matematika
- CO 3. mengevaluasi dan menggunakan hasil telaah kritis dalam merencanakan penelitian disertasi

Silabus:

Study various application of the statistical computing in some field of studies. Some advanced topic studied including bootstrap, linear programming, unconstrained optimization, constrained optimization, genetic algorithms, application statistical computing for algebra, introduction to big data analytics, some real projects

Pustaka Acuan:

1. Witten, D., James, G., Tibshirani, R. and Hastie, T., 2013, *An Introduction to Statistical Learning with Applications in R*, Springer, New York.