In doctoral studies of program P4M9 the supervisor and his student can consider involving some courses from the plans of master studies in their individual plan. This is justified by the need to complete the knowledge of the student. Also this choice may be connected with the state doctoral examination where the literature assigned to the preparation has some necessary background. Generally any course can be enrolled, not only from branches guaranteed by the Department of Probability and Mathematical Statistics. Below there is a list selected of our courses which among others can be considered. Their characteristics can be found on the web system SIS of the Faculty.

Invariance principles (Lachout)
Ergodic theory (Seidler)
Applied stochastic analysis (Maslowski, Čoupek)
Stochastic differential equations (Seidler)
Stochastic geometry (Beneš)
Spatial statistics (Pawlas, Dvořák)
Asymptotic methods of inference (Hušková)
Advanced regression models (Kulich)
Continuous martingales and counting processes (Hlubinka)
Analysis of cenzored data (Kulich)
Modern statistical methods (Omelka)
Selected topics from psychrometry (Martínková, Hladká)
Econometrics (Cipra)
Time series (Cipra)
Mathematical economy (Kopa)
Computational aspects of optimization (Branda)
Optimization and variational analysis (Lachout)
Optimization with an application in finance (Kopa)
Stochastic models for finance and insurance (Maslowski)
Bookkeeping of insurance offices (Mazurová)
Actuarial seminar (Mazurová)