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Hochschule Konstanz
University of Applied Sciences

This course gives an overview of the most important topics of discrete mathematics with applications in computer sciences: First, we discuss basic logical concepts and applications of logical inference. Second, we review and consolidate concepts of counting and combinatorics. Third, we look at number theoretical concepts and standard algorithms of cryptography. Each topic is followed by an exercise session. Further, there are small pratical assignments for each topics. There is a final written exam at the end of the course.