In this thesis we introduce several different types of series convergence in normed vector spaces and study relations between them. Furthermore, we will prove the equivalence of all defined types of convergence in Banach spaces, we call this convergence unconditional convergence. Finally, we will show the Dvoretzky-Rogers theorem, i.e. that in all infinitely dimensional Banach spaces there is a series that is unconditionally convergent, but not absolutely convergent.