In this talk, we will explain the concepts of uniform and coarse embeddings, and talk about some results regarding those two concepts. For example, let $X$ and $Y$ be Banach spaces. It is still unknown whether the existence of a coarse embedding $X \to Y$ is equivalent to the existence of a uniform embedding $X \to Y$. We will provide some examples where the answer to this question is known and give other partial results on this problem. (Received February 15, 2016)