

CO749 Graph Minors

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Overview: This course gives an overview of the graph minors project, of Robertson and Seymour. The main emphasis will be the graph minors structure theorem, but we will also discuss minor-testing and well-quasi-ordering.

Assessment: Grades are based on participation and on four assignments; all assignments will be group work.

Prerequisites: This is not intended as a first course in graph theory. Students should already know the definition of a minor and be familiar with Menger's Theorem (for vertex-disjoint paths).

Text: There is no text-book or notes for the course. Some of the material covered is in Diestel's book on Graph Theory (6th edition), which is available free on-line (<http://diestel-graph-theory.com>).