

COMPARISON OF MATH 319 WITH MATH 320

Both of these courses offer an introduction to rigorous real analysis. The courses cover similar topics and ideas, with 319 designed for major students and 320 designed for honour students. Accordingly, 319 will from time to time skip some of the technical details and some of the proofs while 320 will insist on rigour and a greater level of abstraction.

Proofs of results must be logically clear and correct. At the same time, the arguments must be presented in readable manner. A proper argument and clear writing cannot be separated. Because of this, both courses insist on coherent, correct and complete presentation of mathematics.

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