



Pure Mathematics 455

Honours Real Analysis I

(see Section 3.5C of Faculty of Science [www.ucalgary.ca/pubs/calendar/current/sc-3-5.html](http://www.ucalgary.ca/pubs/calendar/current/sc-3-5.html)  
and Course Descriptions: <http://www.ucalgary.ca/pubs/calendar/current/course-main.html>)

*Syllabus*

<u>Topics</u>	<u>Number of Hours</u>
The Real and Complex Number Systems	5
Topology of Metric Spaces	7
Numerical Sequences and Series	6
Continuity	6
Differentiation	4
Riemann-Stieltjes Integration	6
<b>TOTAL HOURS</b>	<b>36</b>

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