This course will treat global class field theory. We will partly rely on the local theory developed in Ma160b, in particular the cohomological setup. We will take the adelic approach, but will also explain a bit of the more classical viewpoint. Of special interest will be the abelian extensions of $\mathbb{Q}$, some Kummer theory, and division algebras via the Brauer group. Another key topic will be zeta and $L$ functions, which will be developed depending on the time available at the end.