MATH-229: Complex Analysis I

Complex Analysis, in a nutshell, is the theory of differentiation and integration of functions with complex-valued arguments $z = x + i y$, where $i = (-1)^{1/2}$. While the course will try to include rigorous proofs for many - but not all - of the material covered, emphasize will be placed on applications and examples.
Credits: 3
Program: Mathematics