

Graduate International Pathway: Mathematics track

Course Options

- **MAT 5203. Theory of Functions of a Real Variable I. (3-0) 3 Credit Hours.**
 - **Course description:** Prerequisite: MAT 4213 or consent of instructor. Measure and integration theory. (Credit cannot be earned for both MAT 5203 and MAT 5103.)
 - **Semester Available:** Fall

- **MAT 5223. Theory of Functions of a Complex Variable I. (3-0) 3 Credit Hours.**
 - **Course description:** Prerequisite: MAT 3213 or MAT 4213. Complex integration, Cauchy's theorem, calculus of residues, and power series.
 - **Semester Available:** Fall

- **MAT 5243. General Topology I. (3-0) 3 Credit Hours.**
 - **Course description:** Prerequisite: MAT 4273 or consent of instructor. Topological spaces, metric spaces, continua, and plane topology.
 - **Semester Available:** Fall