# NEW THREE CREDIT 3<sup>RD</sup> YEAR COURSES

| COURSE CODE | TITLE | OLD COURSE TITLE/CODE |
|---|---|---|
| STAT3001 | Regression Analysis | M31E/MATH3341 - Applied Statistics |
| STAT3002 | Time Series | Newly developed |
| MATH3414 | Selected Topics in Operations Research | M32C/MATH3370 - Topics in Operations Research |
| MATH3403 | Topics in Functional Analyses | Newly developed |
| MATH3400 | Complex Variables | M33R/MATH3490 – Complex Analysis |
| MATH3401 | Introduction to the Theory of Integration | Newly developed |
| MATH3402 | Basics of Metric and Topological Spaces | M36Q/MATH3390 – Metric Spaces & Topology |
| MATH3412 | Advanced Linear Algebra | M30Q/MATH3360 – Matrix Theory |
| MATH3411 | Advanced Abstract Algebra | Newly developed |
| MATH3421 | Partial Differential Equations | M3700 – Introduction to Partial Differential Equations |
| MATH3422 | Mathematical Modelling | M33D/MATH3280 – Introduction to Mathematical Modeling |
| MATH3424 | Numerical Methods | M32A/MATH3120 – Numerical Analysis |
| MATH3423 | Research Project (Mathematics) | MATH3702 – Research Project in Mathematics |
| MATH3801 | Financial Mathematics II | Newly developed |
| MATH3802 | Construction and Evaluation of Actuarial Models | M34R/MATH3320 – Risk Theory |
| MATH3803 | Models for Financial Economics | Newly developed |
| MATH3804 | Actuarial Mathematics II | M34Q/MATH3310 – Life Contingencies |
| MATH3805 | Mathematics of Pension Funds | Newly developed |
| MATH3806 | Topics in General Insurance | Newly developed |
| MATH3404 | Topics in Differential Geometry with Modelling Software | Newly developed |