

## Requirements for Second Major in Statistics

Applicable to cohorts AY2019/2020 and AY2020/2021

| Levels                                   | Major Requirements   | Cumulative Major Units |
|--|--|------------------------|
| Level 1000<br>(14-16 Units)              | Pass<br>- CS1010/-E/J/S/X/CS1101S Programming Methodology<br><i>or</i> IT1007 Introduction to Programming with Python and C<br>- ST1131 Introduction to Statistics/Introduction to Statistics and Statistical Computing<br><i>or</i> ST1232 Statistics for Life Sciences<br>- MA1101R/MA2001 Linear Algebra I<br><i>or</i> MA1508E Linear Algebra for Engineering~<br><i>or</i> MA1513 Linear Algebra with Differential Equations (2 Units)^~<br><i>or</i> MA1522 Linear Algebra for Computing<br>- MA1102R/MA2002 Calculus<br><i>or</i> MA1505 Mathematics I~<br><i>or</i> MA1507 Advanced Calculus<br><i>or</i> MA1511 Engineering Calculus (2 Units)~<br><u>and</u> MA1512 Differential Equations for Engineering (2 Units)~<br><i>or</i> MA1521 Calculus for Computing | 14-16                  |
| Level 2000<br>(12 Units)                 | Pass<br>- ST2131/MA2216/MA2116 Probability<br><i>or</i> ST2334 Probability and Statistics<br>- ST2132 Mathematical Statistics<br>- ST2137 Computer Aided Data Analysis/Statistical Computing and Programming or a course from ST32xx/ST42xx (except ST328x and ST4288)   | 26-28                  |
| Levels 3000<br>and 4000<br>(12-16 Units) | Pass<br>- Three courses from ST3131 or ST32xx (except ST328x) or ST42xx (except ST4288) courses<br>- One additional course from ST32xx (except ST328x) or ST42xx (except ST4288) courses^  | 40-42                  |

^ Applicable only to students who use MA1513 Linear Algebra with Different Equations (2 Units) to fulfil the second major requirements.

~ MA1505, MA1508E, MA1511, MA1512 and MA1513 are offered only to FoE students.

This second major is not offered with a primary major in Statistics and a minor in Statistics.

22-Aug-23