

# Statistics and Research Methods

## Statistics:

Everyone should take Statistics in their 2nd year in the program. If you did well in PSYC 1010 and are planning to do an Honours degree, we recommend that you register in PSYC 2020 (6), a full year course. However you can also cover the same material by taking the two one-semester courses PSYC 2021 and 2022. Only 2021 is required for the Ordinary (90 credit) degree and for the Psychology Minor, so if one of these is your plan, begin with PSYC 2021 – you can always add PSYC 2022 later. You should register for 2020 or 2021 for the Fall term!

## Research Methods

PSYC 2030 (Introduction to Research Methods) is also required in all Psychology programs at York. 2020 or 2021 are listed as prerequisites or co-requisites for 2030. However, we strongly recommend that you complete 2021 or the first half of 2020 before taking 2030 since Research Methods assumes some knowledge of statistics. Your best plan is to take 2020 or 2021 in the fall term and 2030 in the winter term.

Reasons to take Statistics and Research Methods in 2nd Year :

1. These courses will greatly improve your understanding of the material you are studying in other 2nd year and more advanced courses in Psychology.
2. Statistics is difficult for many students and unfortunately some fail on their first attempt. You cannot take any 4000 level Psychology course until you have successfully completed PSYC 2021, and you cannot begin a thesis or research course until you have passed either PSYC 2020 or PSYC 2021 and 2022, so if you delay stats until your 3rd year and then experience problems, you may find that you have to wait an entire extra term or even a year before completing your degree.
3. Graduate schools pay most attention to your 3rd and 4th year grades. If you don't do well in a course (e.g. Stats) in your second year, and you retake it successfully early in your program this will be less damaging to your graduate school chances than failing or achieving a poor grade in Stats within the last two years of your program.