



Lecture 00: Induction Week

Module Overview and Coursework Requirements

Dr. Gordon Wright 

g.wright@gold.ac.uk

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Show Attendance QR Code



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Citations

Wright et al. (2012)

Cohen (1992) In text citation @Cohen1992

(Cohen, 1992) not in-text citation `(Cohen, 1992)

just type `@` and a search box comes up for your Zotero library or a .bib file associated with the project



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Slide with image and commentary in two columns and some explanatory text above

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Callouts



Note Callouts

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Icons by FontAwesome

These are cool  but they do need a full render e.g. `$ quarto render` in order to be seen.

They can also be used in pdfs

Fontawesome

input	output
<code>{{< fa binoculars >}}</code>	 Prepare
<code>{{< fa chalkboard-teacher >}}</code>	 Lecture
<code>{{< fa users >}}</code>	 Lab
<code>{{< fa bookmark >}}</code>	 Reading
<code>{{< fa book >}}</code>	 Mini-Dissertation



Induction Overview



Welcome back and welcome to Research
Methods!



This year you become Scientists!

This year, in Research Methods, you will perform your first piece of REAL psychological research

In groups, you will:

- Identify an area of psychological research
- Review and critique the literature in this area
- Develop a testable hypothesis
- Design a 2x2 ANOVA experiment unique to you (within your group design)
- Obtain Ethical Approval for your experiment
- Collect REAL data
- Analyse these data
- Write up the results in APA format



A full overview will be given in the first lecture!

Do not worry! It's going to be a great adventure!



A 'warm up' for your Y3 Dissertation

- The same 20-week timeline
- The same skills and techniques you will need
- Careful step-by-step guidance and support in the lab setting
- Scaled-down experiments and write-ups
- The security of working in a group
- Tips and advice from world-class researchers
- Opportunity to think carefully about your final year Dissertation, and how to crush it!!



Support and guidance

- Gordon Wright (Module Coordinator and floating Enthusiast in Chief)
- 7 gobsmackingly amazing Lab Tutors
- Your Personal Tutor and your PT group
- **AND EACH OTHER!!**

This is a team-sport



me

I will be in every Research Methods lecture and I have a Student Hour from 3-4 every Monday, before we all go to the Design & Analysis lecture. Yup! Me too!

Available at g.wright@gold.ac.uk

I genuinely could not imagine anything I would rather do than this. Please talk to me! Help me get to know you!



Module weighting and assessment

Research Methods is a core module with a 30 credit weighting

This means that in order to progress to Y3, you must pass all 3 assessment elements:

- - Critical Proposal 1,800 words (15%)
 - Mini-Dissertation 2,500 words (70%)
 - CHIP Learning Log 1,200 words (15%)



A friendly warning



Warning

All coursework is **INDIVIDUAL** and subject to normal plagiarism and collusion rules



Module structure

1 x 1 hr Lecture per week (Monday)

1 x 2 hr Lab per week (Tuesday)

4 x Personal Tutor meetings across the year



Weekly Structure

Each week there will be a very brief '**Preparation**' designed to introduce the main topics of the week

Lecture (slides a week ahead and recording posted afterwards)

Labs



- Broad structure, but for you to use to advantage
- Attendance QR code up for 15 minutes, and the first 15 minutes is for you to get yourself sorted out as a group
- Your Lab Tutor will give a 10-15 minute overview of what you could be doing, and a survey of the resources/materials provided
- If you need support, make yourself known as your Lab Tutor (or I) tour the lab(s)
- You can (and should) ask any questions that occur to you. The labs are for this purpose. Your Lab Tutor will not be responding to emails outside of lab sessions
- Lots can be achieved in the labs, but independent study and coordinated group work will be required

NO EXAM



Coursework

The courseworks ALL require critical reflection and metacognitive practice. This will be discussed in a number of lectures, but it contributes to effective learning and your integration of the skills and experience of doing this research exercise.



Time management and teamwork

..will both be required.

I ask you to see both as an opportunity to develop these important skills.

You will see we have some ideas to make this more relevant to careers and employability

It is easier to 'keep up than to catch up'.



Resources

We will be releasing a series of valuable resources to help you through every step of the process

These will have value for your final year dissertation too.

Contribution to and comment on these is welcome and hoped for!

Open Educational Resources will be used extensively, and most core readings are available online via the library.



Thank you for your time

And have an amazing year!

The Research Methods Team



References

Cohen, J. (1992). A power primer. *Psychological Bulletin*, 112, 155–155.

<https://doi.org/10.1037/0033-2909.112.1.155>

Wright, G. R. T., Berry, C. J., & Bird, G. (2012). “You can’t kid a kidder”: association between production and detection of deception in an interactive deception task. u1 - wright2012. *Frontiers in Human Neuroscience*, 6, 87. <https://doi.org/10.3389/fnhum.2012.00087>

