



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Welcome everyone to Applied Social Data Science (ASDS) and Trinity!

Brief Intros – Who are we?

Head of Political Science Department – Prof Constantine Boussalis (BOUSSALC@tcd.ie)

Course Director –

Autumn: Dr Jeffrey Ziegler (zieglerj@tcd.ie),

Spring: Dr Tom Paskhalis (tom.paskhalis@tcd.ie)

Course Administrator - Michael Enearu (msc.asds@tcd.ie; pgdip-asds@tcd.ie)

Brief Intros – Who are you?

Please share with us your:

- Name
- Which course you're enrolled in (PG-Dip, MSc)
- Biggest concern for the course
- Favourite Irish dish/food

And now, a dramatic
reading of the ASDS
handbook!



Extras - Plagiarism

ASDS is unique regarding plagiarism

- Original code
 - Working with your colleagues to overcome problems = good
 - Taking attribution for work you didn't originally do and don't understand = bad
 - Cite your sources!
 - Good practice: "Every stroke of the keyboard is yours"
- ChatGPT
 - Be very cautious



Course Structure - Modules

<u>Module Code</u>	<u>Module Title</u>	<u>Term</u>	<u>Weighting</u>	<u>Instructor</u>
POP77001	Computer Programming for Social Scientists	MT	10 ECTS	Tom Paskhalis
POP77003	Applied Statistical Analysis I	MT	10 ECTS	Jeffrey Ziegler
POP77011	Research Design for the Social Sciences	MT	10 ECTS	Martyn Egan
POP77004	Applied Statistical Analysis II	HT	10 ECTS	Martyn Egan
CSP7001	Introduction to Machine Learning	HT	5 ECTS	Giovanni Di Liberto
POP77034	Experimental Methods for Social Scientists	HT	5 ECTS	Gizem Arikan
POP77022	Quantitative Text Analysis for Social Scientists	HT	5 ECTS	Constantine Boussalis/Tom Paskhalis
POP77014	Social Forecasting	HT	5 ECTS	Thomas Chadeaux
POP77054	Dimensionality Reduction	HT	5 ECTS	Martyn Egan
POP77100	Dissertation	HT	30 ECTS	

Special Considerations - Course Structure

- Learning process → Preparation + synthesis + practice = learning
 - Individual preparedness: Reading & slides before class
 - In class: Discussion and Q&A on important concepts
 - Tutorial: Advanced theoretical problems, group work
 - Office hours: Review and correct mistakes
 - Problem sets: Individual homework assignments
- **In-person participation is key!**

Break time

Back to the handbook!



Dissertation Supervision

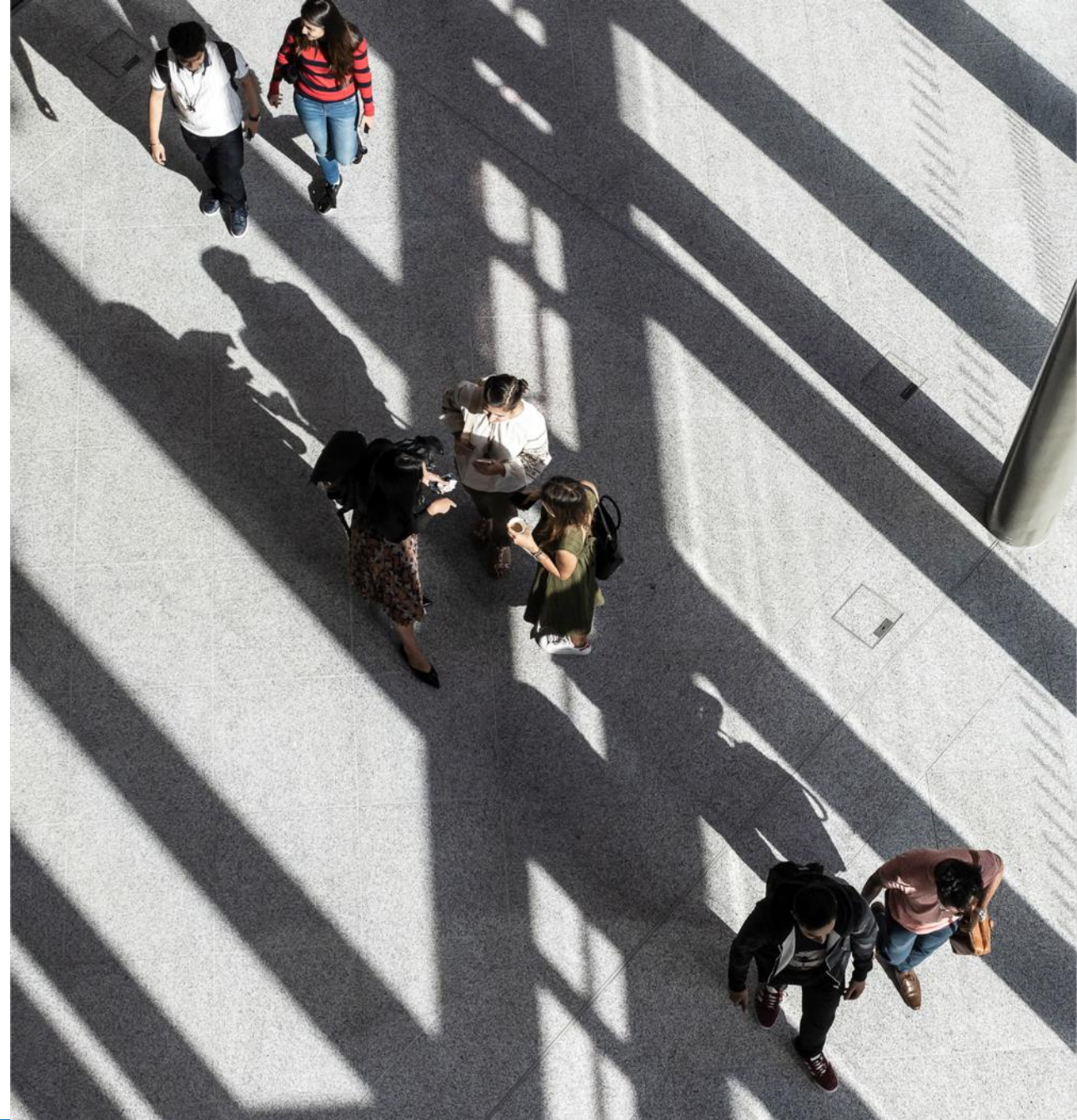
- Select a topic
 - We will distribute possible topics that potential supervisors think will make for feasible dissertations
 - Students submit dissertation topics to MSc Course Director by Dec 13 2024
- Supervision allocation
 - Constantine Boussalis, Thomas Chadeaux, Yao Han, Trajche Panov, Tom Paskhalis
 - Students formally assigned to dissertation supervisors by Jan 17 2025



Research Ethics

Probably don't know now, but if you plan on conducting a dissertation with human subjects and/or data, you need to adhere to TCD's Research Ethics.

Talk with me later!



Thanks so much for your attention!

