Colleges of **MVLS** and **Science and Engineering**

January – May 2020

- **Academic Writing Classes**
- **Communicating Science Classes**
- **Academic Development Classes**
- **Dissertation Writing Classes**
- **Critical Analysis Classes**

[glasgow.ac.uk/LEADS/students](glasgow.ac.uk/LEADS/students)
Who are we?

We are the Learning Enhancement and Academic Development Service, and we are here to help you develop and improve all aspects of your academic work. We work with Undergraduate and Postgraduate students across all four Colleges (Arts, Social Sciences, MVLS, and Science & Engineering).

For Undergraduate and Postgraduate Taught (PGT) students, we have Effective Learning Advisers (ELAs) for each of the four Colleges, and two Effective Learning Advisers (ELAs) for International students.

For Postgraduate Research (PGR) students, we have an Effective Writing Adviser who works with PGR students across all four Colleges.

For students whose work involves Mathematics or Statistics, we have dedicated Maths and Stats advisers.

What do we offer?

We offer suites of classes to help you develop and improve all aspects of your academic work, including (but not limited to):

- Academic writing (essays, dissertations, or other assignments)
- Argumentation
- Critically evaluating literature
- Using sources and referencing
- Time and project management
- Study and revision methods

Suites of classes are available for students in the Colleges of Arts and Social Sciences, the Colleges of MVLS and Science & Engineering, and also for International students from any College.
Academic Writing Classes

These classes are designed to: guide you through the process of producing high quality scientific writing; clarify the approaches to referencing external sources; and show you how to analyse and incorporate sources into your written assessments.

Undergraduate and PGT students in the Colleges of Science and Engineering and MVLS should attend.

Referencing and avoiding plagiarism
This class will show you how to cite according to the University’s requirements, so that your writing is professional and credible.

- Mon 20th Jan 13:00-14:00 (St Andrews Bld, 433)
- Tues 21st Jan 11:00-12:00 (St Andrew’s Bld, 227)
- Thurs 23rd Jan 12:00-13:00 (McIntyre, 208)

Structuring an essay
Well structured scientific writing is clear and easy to understand. We’ll look at how to plan an essay and structure your argument.

- Mon 27th Jan 13:00-14:00 (St Andrews Bld, 433)
- Tues 28th Jan 11:00-12:00 (St Andrew’s Bld, 227)
- Thurs 30th Jan 12:00-13:00 (McIntyre, 208)

Lab report writing
This class is based on research into what Glasgow staff and students expect of lab reports. We’ll talk about how to present our results and link them to theory.

- Mon 3rd Feb 13:00-14:00 (St Andrews Bld, 433)
- Tues 4th Feb 11:00-12:00 (St Andrew’s Bld, 227)
- Thurs 6th Feb 12:00-13:00 (McIntyre, 208)

Reflective writing
In science, you often have to reflect on your practice and communicate your learning. We’ll look at how to write reflectively for an academic audience.

- Mon 10th Feb 13:00-14:00 (St Andrews Bld, 433)
- Tues 11th Feb 11:00-12:00 (St Andrew’s Bld, 227)
- Thurs 13th Feb 12:00-13:00 (McIntyre, 208)

Please note that each session is repeated multiple times, so you can pick whichever date suits you. To access the lecture materials, you can enrol yourself onto the class Moodle: moodle.gla.ac.uk/LEADS/MVLSandSciEng
### Your dissertation: beginning to end

This class explores the dissertation process, from conception to submission.

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<td>Wolfson Medical Bld, 248 Gannochy</td>
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<td>Wed 8th Apr</td>
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### Writing a literature review

This class will explore the process of finding and reading journal articles critically, and how to incorporate them into your writing.

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### Developing a Methodology

This class will outline how best to write the methodology section of a scientific dissertation.

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### Statistics for MVLS/CoSE

This class will cover reporting descriptive statistics as well as carrying out the most appropriate statistical analysis for your dissertation.

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### Presenting Findings

This class looks at the most effective way of discussing your data and situating your findings within your field.

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<td>South Park House, Teaching Room</td>
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<td>Wed 6th May</td>
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Please note that each session is repeated multiple times, so you can pick whichever date suits you. To access the lecture materials, you can enrol yourself onto the class Moodle: [moodle.gla.ac.uk/LEADS/MVLSandSciEng](http://moodle.gla.ac.uk/LEADS/MVLSandSciEng)
These classes are designed to develop your ability to analyse scientific knowledge and research. We will first explore what we mean by critical analysis, before looking more specifically at how we can analyse specific research articles. The series concludes by exploring how we can include critical analysis in our scientific writing.

Undergraduate and PGT students in the Colleges of Science and Engineering and MVLS should attend.

**Introduction to critical analysis**
In this class, we will look at the need for critical analysis in scientific writing. We will outline the University’s expectations of criticality.

- **Mon 27th Jan 12:00-13:00** (Main Bld, 256 Fore Hall)
- **Tues 28th Jan 12:00-13:00** (WILT, 114 Seminar)
- **Thurs 30th Jan 13:00-14:00** (Adam Smith, 916)
- **Fri 31st Jan 12:00-13:00** (Wolfson Medical Bld, 248 Gannochy)

**Analysing scientific articles**
In this class, we will look at how to critically engage with dominant scientific research and literature in your field.

- **Mon 10th Feb 12:00-13:00** (Main Bld, 256 Fore Hall)
- **Tues 11th Feb 12:00-13:00** (WILT, 114 Seminar)
- **Thurs 13th Feb 13:00-14:00** (Adam Smith, 916)
- **Fri 14th Feb 12:00-13:00** (Wolfson Medical Bld, 248 Gannochy)

**Critical analysis in scientific writing**
This class will discuss sourcing and using evidence from the literature to supplement your own writing.

- **Mon 17th Feb 12:00-13:00** (Main Bld, 256 Fore Hall)
- **Tues 18th Feb 12:00-13:00** (WILT, 114 Seminar)
- **Thurs 20th Feb 13:00-14:00** (Adam Smith, 916)
- **Fri 21st Feb 12:00-13:00** (Wolfson Medical Bld, 248 Gannochy)

Please note that each session is repeated multiple times, so you can pick whichever date suits you. To access the lecture materials, you can enrol yourself onto the class Moodle: moodle.gla.ac.uk/LEADS/MVLSandSciEng
Communicating Science Classes

These classes will develop your ability to clearly communicate complex scientific principles through posters and presentations. These skills are important during your degree and will be invaluable in your career.

Undergraduate and PGT students in the Colleges of Science and Engineering and MVLS should attend.

### Giving scientific presentations
This class explores the what makes a successful scientific presentation. It covers the practical side of public speaking, as well as the best way to relay visual content.

- **Mon 17th Feb 13:00-14:00** (Main Bld, 355 Gilbert Scott)
- **Tues 18th Feb 11:00-12:00** (2 University Gdns, 209)

### Producing scientific posters
Putting together a high-quality scientific poster is an essential skill for a scientist. Whether you are producing a poster for a class or for an international conference, the presentation of your work will affect how your audience views your research. This class will look at some examples and outline the most effective way to make a scientific poster.

- **Mon 24th Feb 13:00-14:00** (Main Bld, 355 Gilbert Scott)
- **Tues 25th Feb 11:00-12:00** (2 University Gdns, 209)

Please note that each session is repeated multiple times, so you can pick whichever date suits you. To access the lecture materials, you can enrol yourself onto the class Moodle: [moodle.gla.ac.uk/LEADS/MVLSandSciEng](http://moodle.gla.ac.uk/LEADS/MVLSandSciEng)
These classes are designed to develop your academic skills as an independent university student. We will look at how to plan and execute your exam revision and how to use the feedback you receive throughout the year to your advantage.

Undergraduate and PGT students in the Colleges of Science and Engineering and MVLS should attend.

**Revision strategies**

We’ll look at what the published evidence suggests are the best ways to manage your study materials between now and the day of the exam.

- **Wed 19th Feb 11:00-12:00** (Hetherington Bld, 133)
- **Thurs 20th Feb 12:00-13:00** (Main Bld, 355 Gilbert Scott)

**Understanding and using feedback**

At this point in the semester, you will have received feedback on your academic writing and practical skills. This class will show you how to use this feedback constructively going forward.

- **Wed 26th Feb 11:00-12:00** (Hetherington Bld, 133)
- **Thurs 27th Feb 12:00-13:00** (Main Bld, 355 Gilbert Scott)

Please note that each session is repeated multiple times, so you can pick whichever date suits you. To access the lecture materials, you can enrol yourself onto the class Moodle: [moodle.gla.ac.uk/LEADS/MVLSandSciEng](moodle.gla.ac.uk/LEADS/MVLSandSciEng)
How can I attend classes?

By simply turning up. You do not have to enrol or register interest in attending our classes in advance. Each class is repeated, so just select the date and time most convenient to you and come along.

What if I cannot attend a class – is there somewhere I can access the class materials?

Yes. You can access the slides for all of our classes on our Moodle. Our Moodle site also contains additional resources, such as handouts, videos, and useful links. To access the lecture materials, you can enrol yourself onto the class Moodle (there is no password).

Do I need to attend all of the classes in a series?

No. You can attend whichever classes are most convenient for, or most useful to you. As above, you can also access the slides for all of our classes on Moodle.

Can I make a one-to-one appointment to see an Effective Learning Adviser (ELA)?

Yes. You can make an appointment with an Effective Learning Adviser (ELA) through our central booking system. You can check Adviser availability via MyGlasgow or via the LEADS web page for your College.

If there are no appointments available, please check again later. New appointment times are added regularly; however, we recommend attending our classes in the first instance to familiarise yourself with key principles of academic practice.

Are these classes part of the Academic Writing Skills Programme (AWSP)?

No. The Academic Writing Skills Programme (AWSP) is a compulsory writing diagnostic, which gives new students the opportunity to receive feedback on writing before their first assignment. You may be required to attend classes as an outcome of your AWSP diagnostic, but these are separate to the LEADS for Students classes, which are open to all students. You can attend these classes regardless of your AWSP outcome.