Nature Masterclasses On-demand

University of Tsukuba
November 29, 2025

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nature masterclasses

Agenda

Part 1: 13:00-13:20 - Introduction to Nature Masterclasses On-demand (NMO)
Shoji Takahashi (Customer Engagement Manager)

1. What is Nature Masterclasses On-demand?
2. User Registration and Login
3. How to Navigate the Platform
4. Appendix: Available Courses

Part 2: 13:20-14:30 - Principles of Scientific Writing
Maybelline Yeo, PhD (Trainer and Editorial Development Advisor)

* Both slide decks will be shared with you after the session.

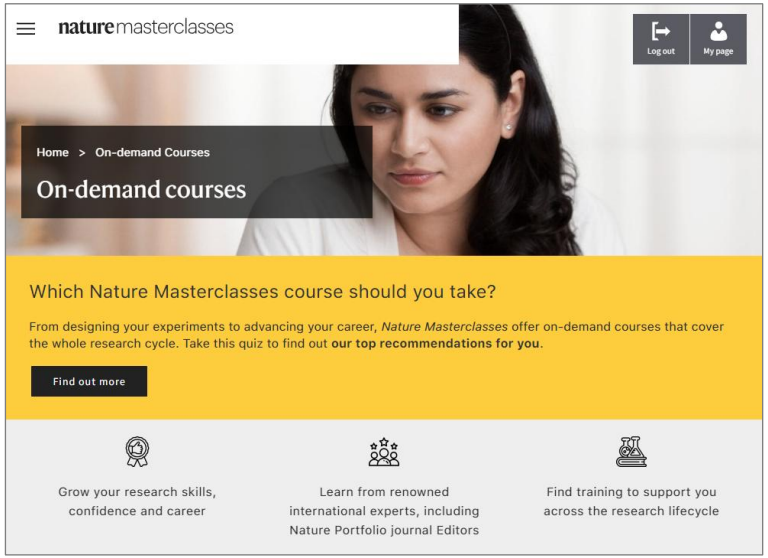
1

What is Nature Masterclasses On-demand?

What is Nature Masterclasses On-demand?

Nature Masterclasses On-demand is an online training program for researchers, aimed at improving research skills and supporting career development.

- All faculty and students at University of Tsukuba have access to Nature Masterclasses On-demand.
- Remote access is available.



What is Nature Masterclasses On-demand?

Expert training

High-quality courses drawing on the expertise of ***Nature Portfolio*** **journal editors and leading international experts from academia and industry**

Designed for busy researchers

To accommodate researchers' busy schedule, our training is **self-paced**, bite-sized and in a **dip in and out** format, so they don't have to study the course in one go

Tailored to researchers

Our courses are designed and developed using **a data-driven** approach to understand and fulfill researchers' specific needs

Contributors to course development

Magdalena Skipper
Editor in Chief, *Nature* and Chief Editorial Advisor, Nature Portfolio

W. John Kao
Chair Professor of Translational Medical Engineering, The University of Hong Kong

David Rueda
Professor and Chair of Molecular and Cellular Medicine, Imperial College London

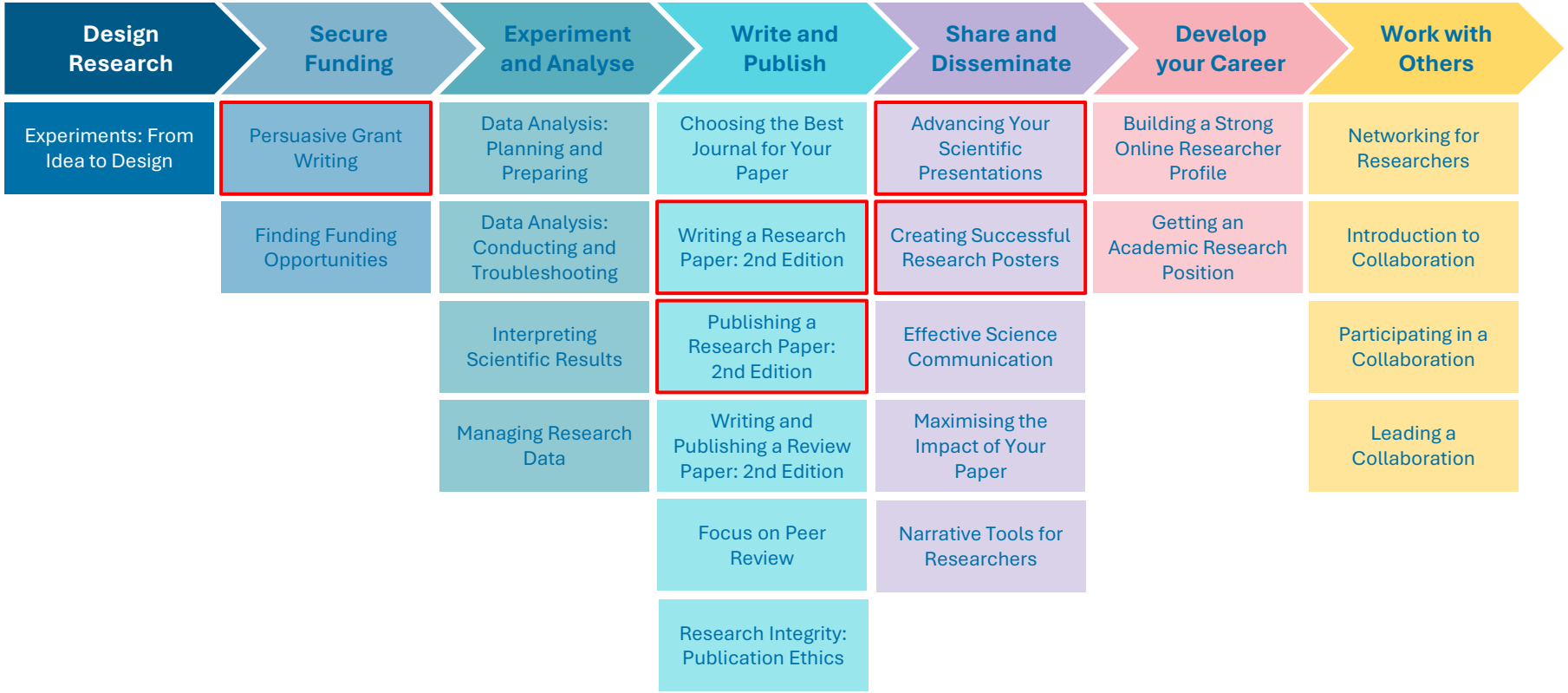
Paola Quattroni
Alliance Delivery Manager, Health Data Research UK

Helen Pearson
Chief Magazine Editor, *Nature*, Springer Nature

Peter Gorsuch
Chief Editor and Product Manager, *Nature Research Editing Service*, Springer Nature

Available courses

The courses support researchers across the whole research life cycle.



Writing a Research Paper: 2nd Edition **Popular!**

Learn the detailed processes of writing a research paper

PhD students	Postdocs
✓	✓

About this course

Writing research papers allows you to contribute to the scientific record, and is critical for advancing your career. To ensure that the findings you have invested so much effort in have an impact on your scientific community, it is pivotal that the paper you write is effective. This course will introduce you to powerful narrative tools and principles of scientific writing to help you write effective research papers.

Course details

- For researchers in the natural sciences looking to write effective research papers
- With insights from 12 experts in scientific writing, including *Nature Portfolio* Editors
- 14.5 hours of learning, 10-50-minute lessons, 5-module course with certificate

Modules

- Understanding the elements of an effective research paper (2h)
- Applying narrative tools to your research paper (3h)
- **Using the principles of scientific writing style for your research paper (2h)**
- Writing your research paper section by section (5h 30m)
- Finalising your research paper for submission (2h)

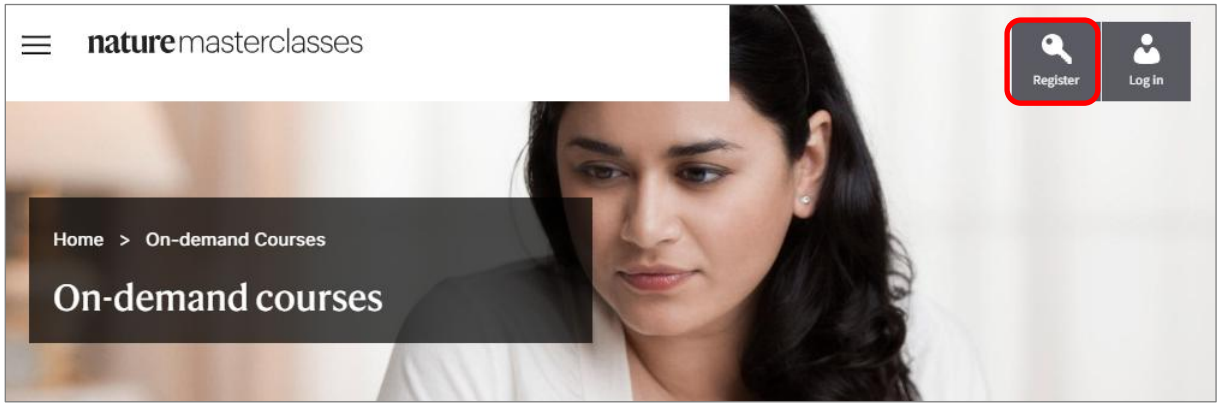
2

User Registration and Login

Registering for the first time

The first time you register, you need to be connected to the university network. If you are off-campus, make sure you are connected to the university network remotely via VPN.

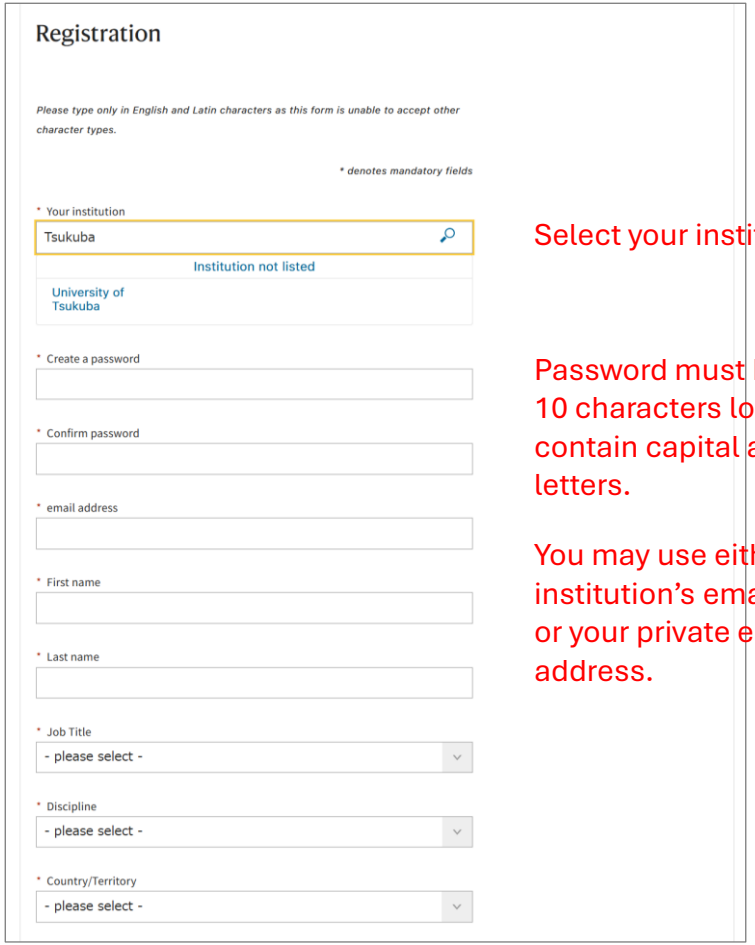
1. Visit https://masterclasses.nature.com/catalogue
2. Select [Register]



After registration, NMO will remember your institutional IP address and it will enable you to access the course with any internet connection for 6 months. If you have been off campus for over 6 months after your initial registration, you will need to log in from the university network to refresh your connection.

How to register

3. Click “Your institution” and select your institution from the drop-down menu
4. Enter your password twice
5. Enter your email address
6. Complete the profile with your personal information



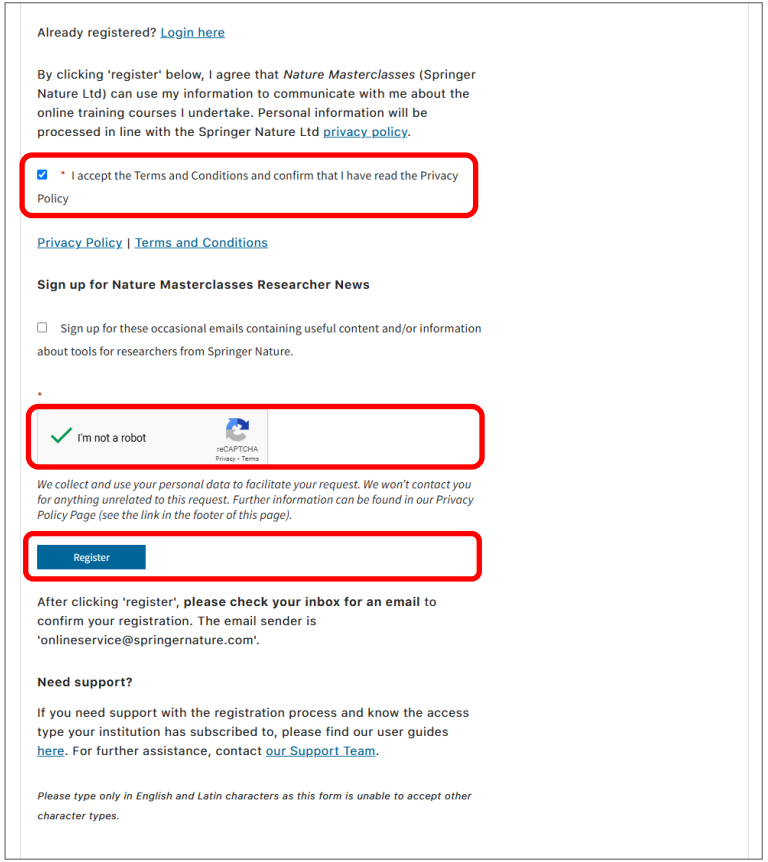
Select your institution.

Password must be at least 10 characters long and contain capital and small letters.

You may use either your institution’s email address or your private email address.

How to register

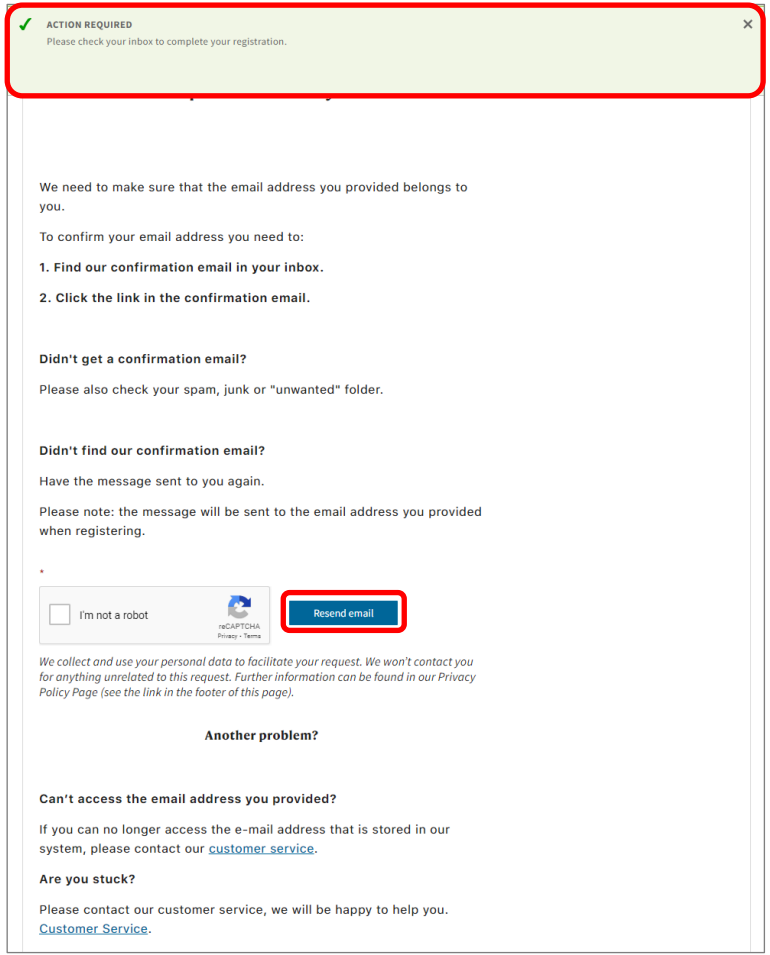
7. Read and accept “Privacy Policy” and “Terms and Conditions”
8. Check you are not a robot
9. Click the “Register” button



How to register

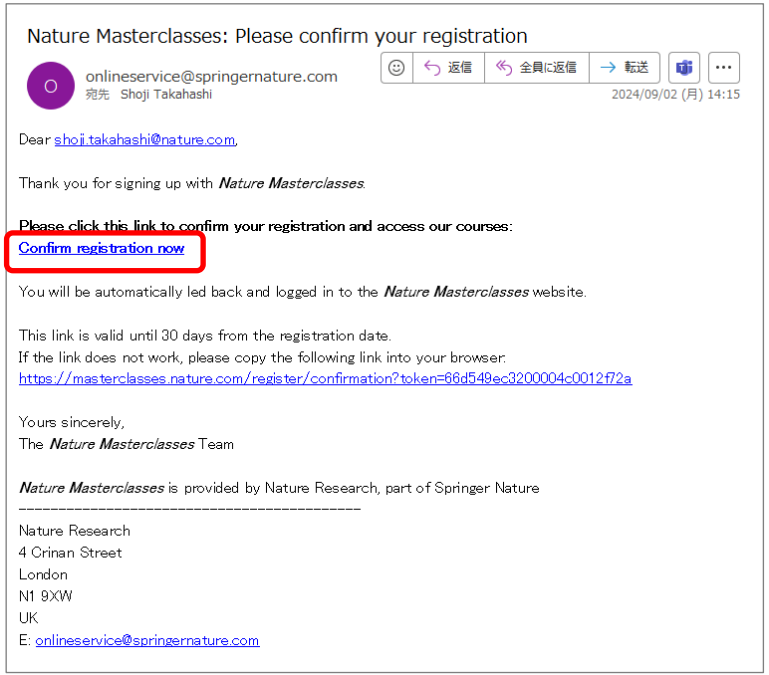
10. Check your mailbox for a confirmation email

    If you don’t receive a confirmation email, click “Resend email” or check if it’s in your junk/spam folder.



How to register

11. Open the confirmation email from Nature Masterclasses and click “Confirm registration now”



Nature Masterclasses: Please confirm your registration

onlineservice@springernature.com
宛先 Shoji Takahashi

返信 | 全員に返信 | 転送

2024/09/02 (月) 14:15

Dear shoji.takahashi@nature.com,

Thank you for signing up with ***Nature Masterclasses***.

Please click this link to confirm your registration and access our courses:

Confirm registration now

You will be automatically led back and logged in to the ***Nature Masterclasses*** website.

This link is valid until 30 days from the registration date.
If the link does not work, please copy the following link into your browser:
https://masterclasses.nature.com/register/confirmation?token=66d549ec3200004c0012f72a

Yours sincerely,
The ***Nature Masterclasses*** Team

Nature Masterclasses is provided by Nature Research, part of Springer Nature

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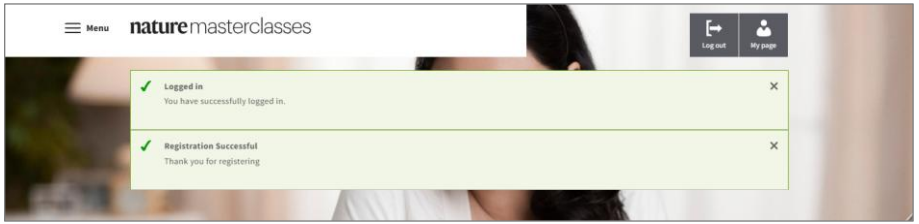
Nature Research
4 Crinan Street
London
N1 9XW
UK
E: onlineservice@springernature.com

How to register

12. Now you are logged in and you will be redirected to the Nature Masterclasses On-demand homepage

Your registration is complete!

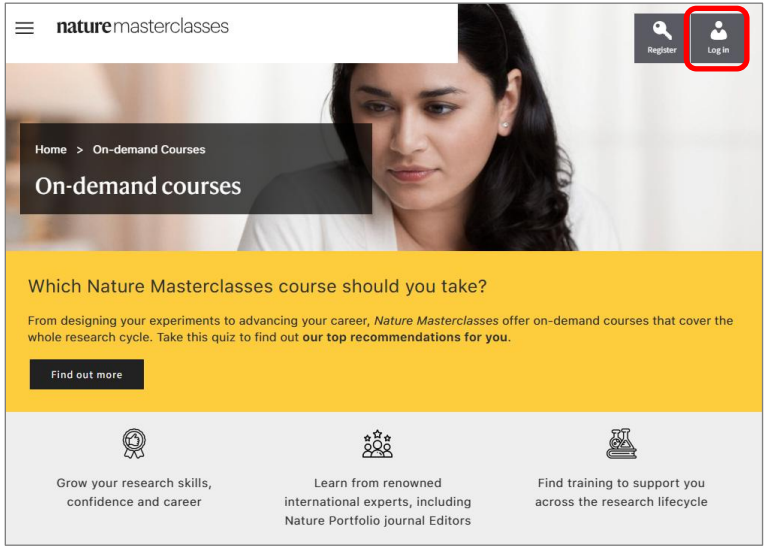


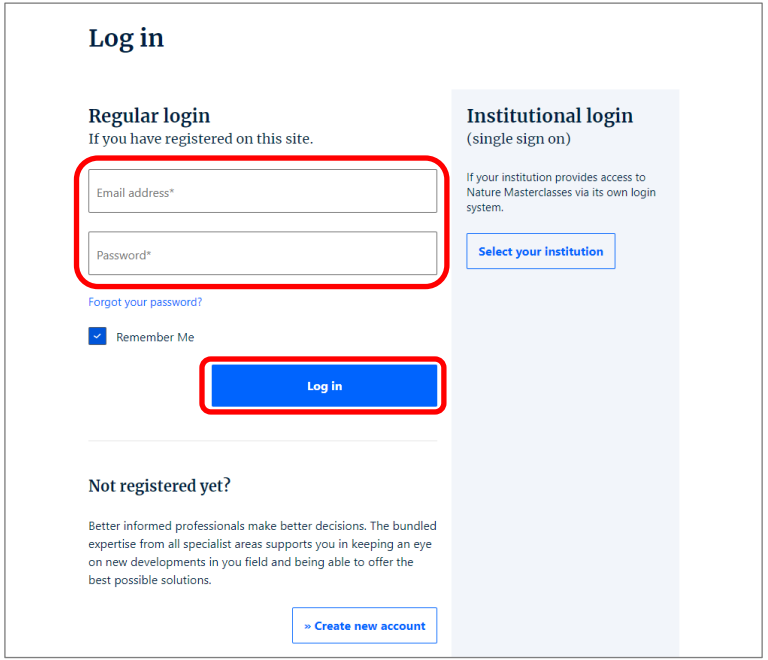
before logging in

after logging in

Logging in for future visits

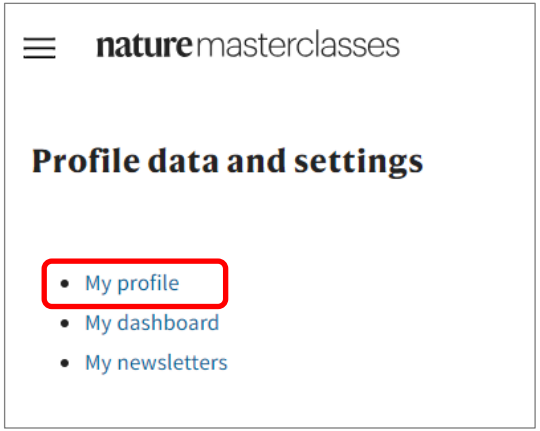
1. Click “Log in” in the top right corner
2. Enter your email address and password
3. Click “Log in”

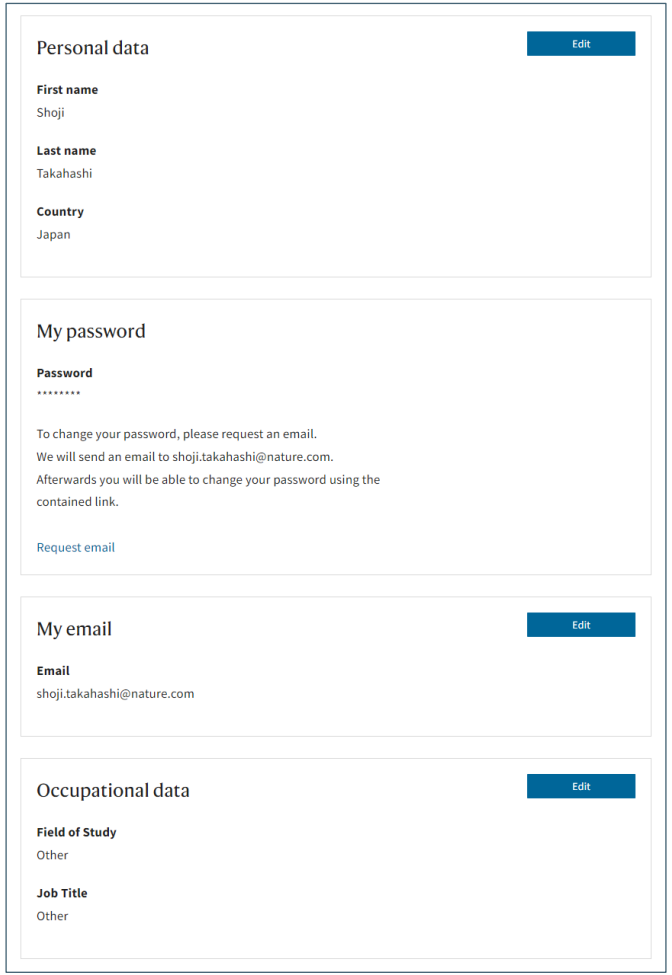




My profile

In My profile, you can update your email address or change your password.





3

How to Navigate the Platform

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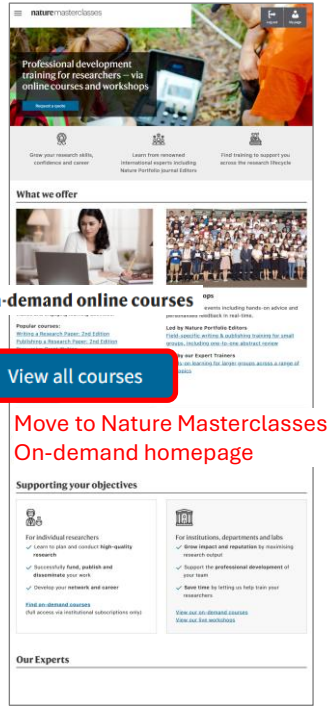
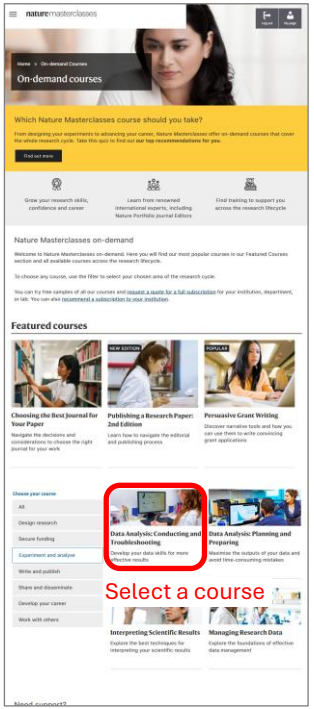
Navigation on the Nature Masterclasses platform

Nature Masterclasses top page



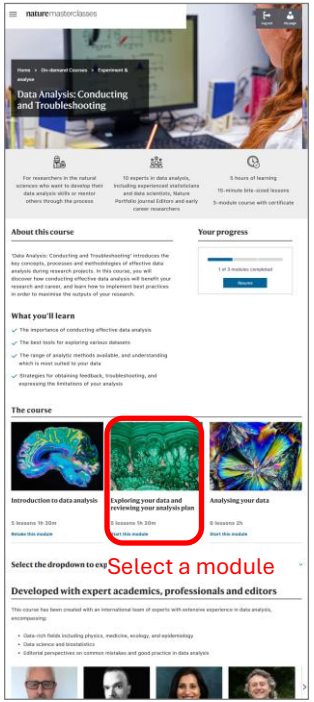
Move to Nature Masterclasses On-demand homepage

Nature Masterclasses On-demand homepage (list of courses)



Select a course

Course homepage (list of modules)



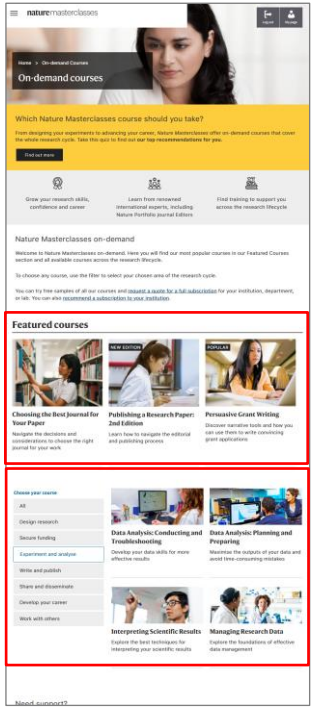
Select a module

Module page (list of lessons)

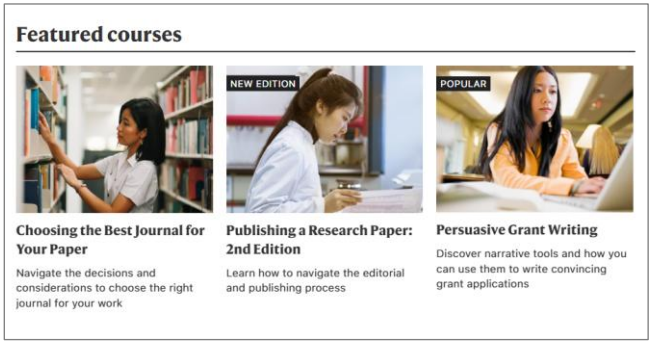
Take a lesson

Choose a course on the Nature Masterclasses On-demand homepage

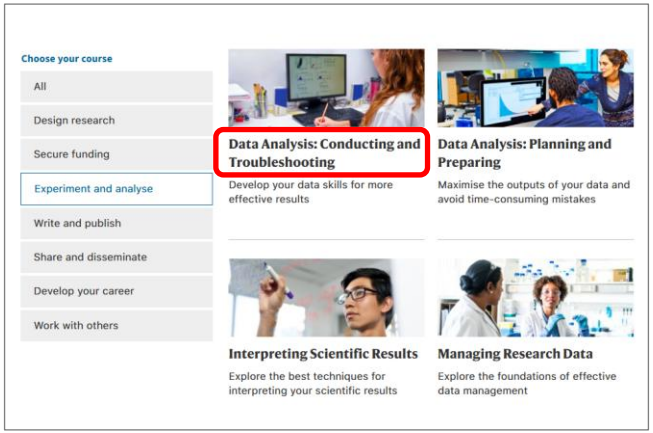
Choose a course from the featured courses section or from the courses grouped by stage of the research life cycle.



Featured courses



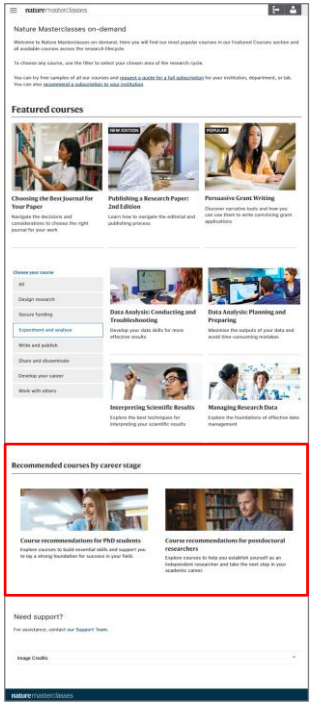
Courses by research life cycle stage



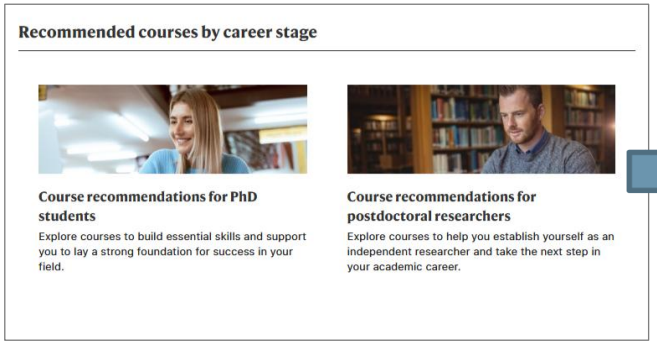
Bookmark this page for future visits.
https://masterclasses.nature.com/catalogue

Choose a course on the Nature Masterclasses On-demand homepage

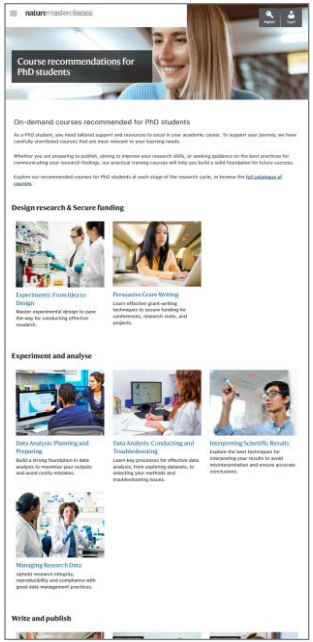
Choose a course from the list of recommended courses by career stage.



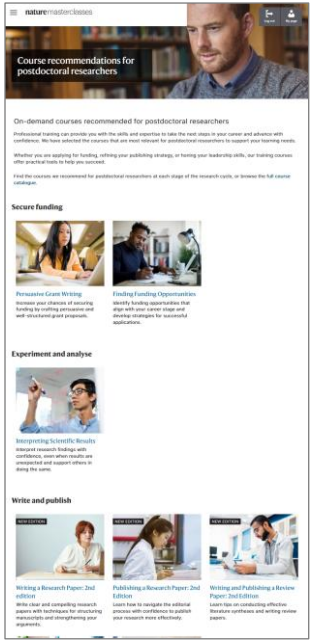
Recommended courses by career stage



For PhD students

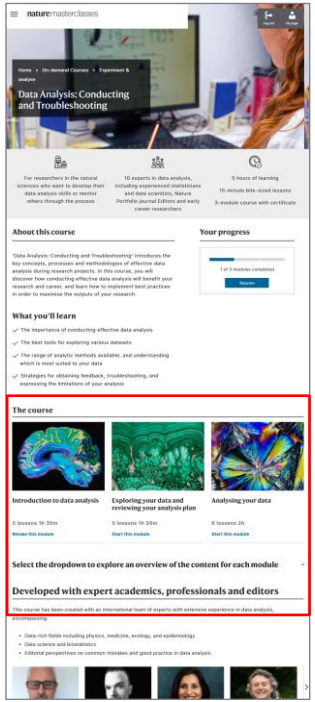


For Postdocs

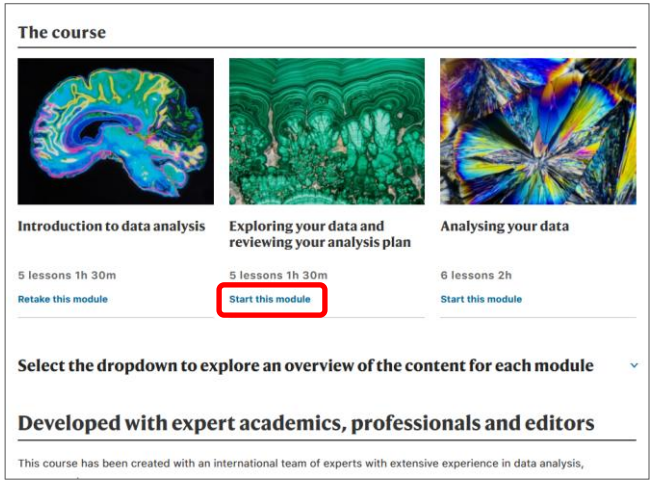


Choose a module from the Course homepage

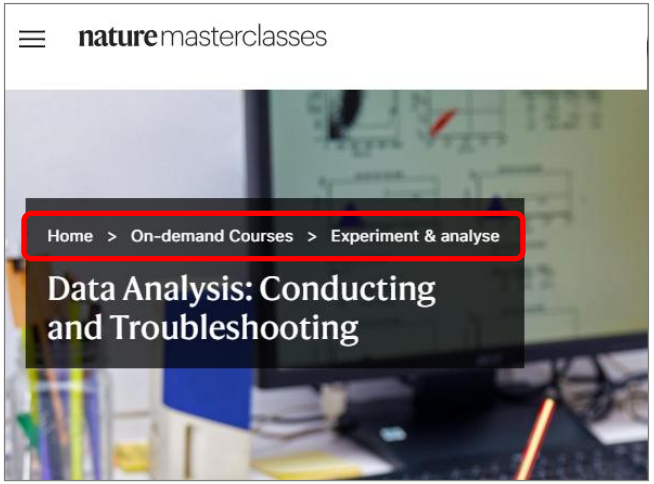
A course consists of one or more modules. Start learning by choosing a module from the course homepage.



Select a module

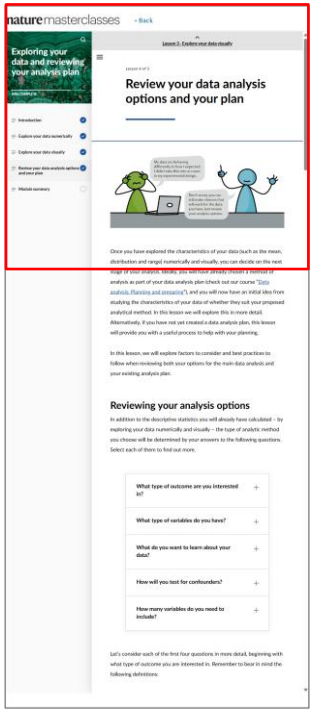


Navigation menu

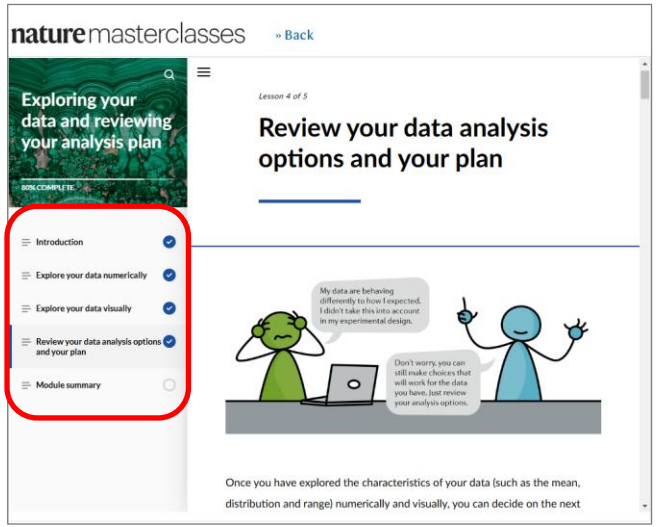


Module page (list of lessons)

A module consists of bite-sized multiple lessons.



Progress indicators show you the lessons you've completed

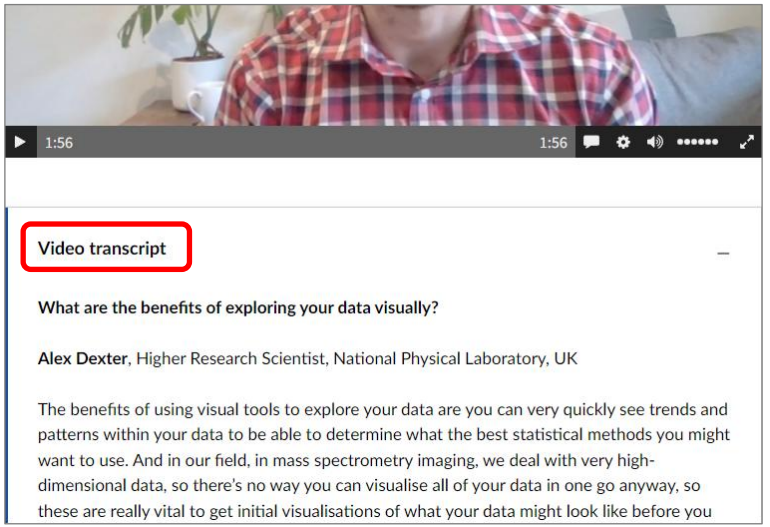


Captions and transcripts on videos

All our course videos have English closed captions and transcripts.

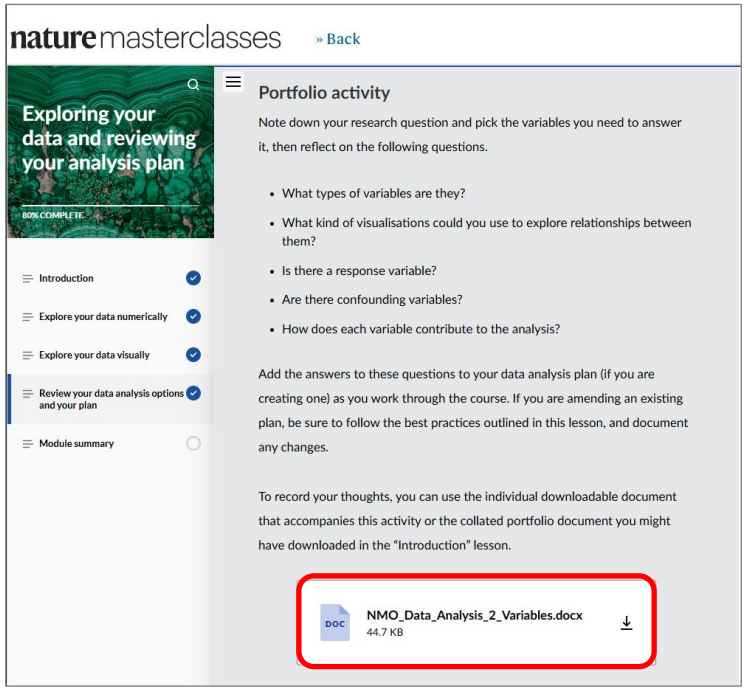
English captions

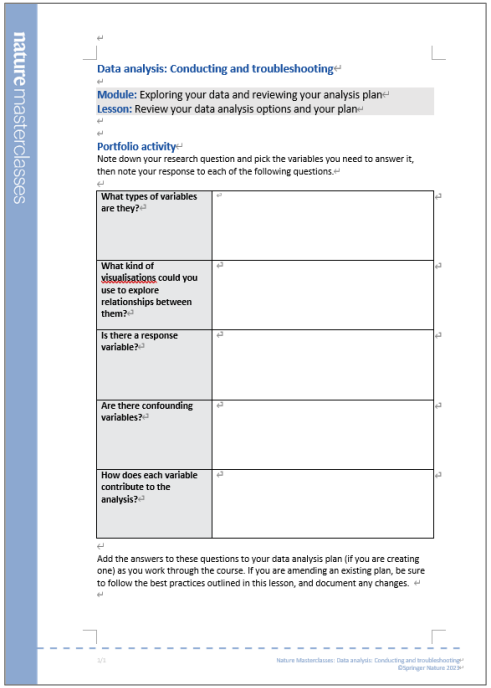
English transcripts



Portfolio activity/document

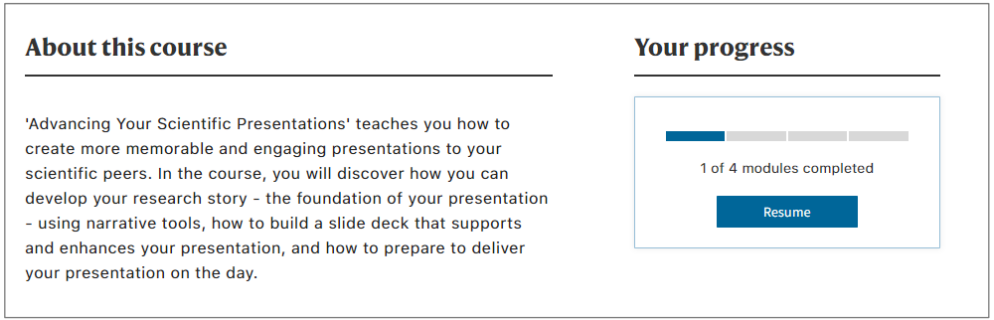
At the end of each lesson, portfolio activity and document are provided to give you an opportunity to apply the techniques and strategies you've learned to your research.

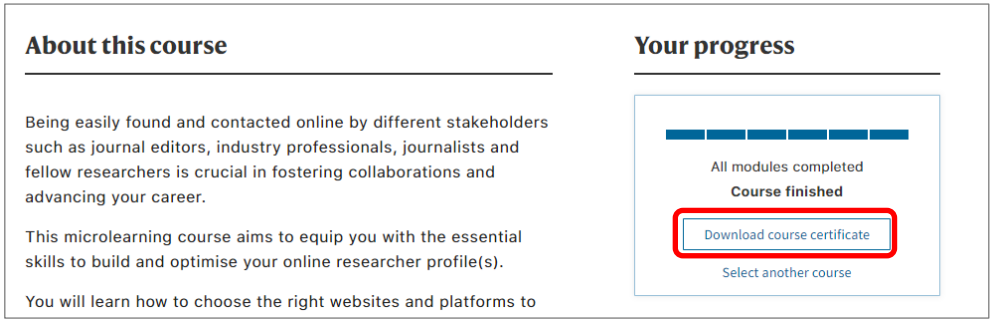




Track your progress

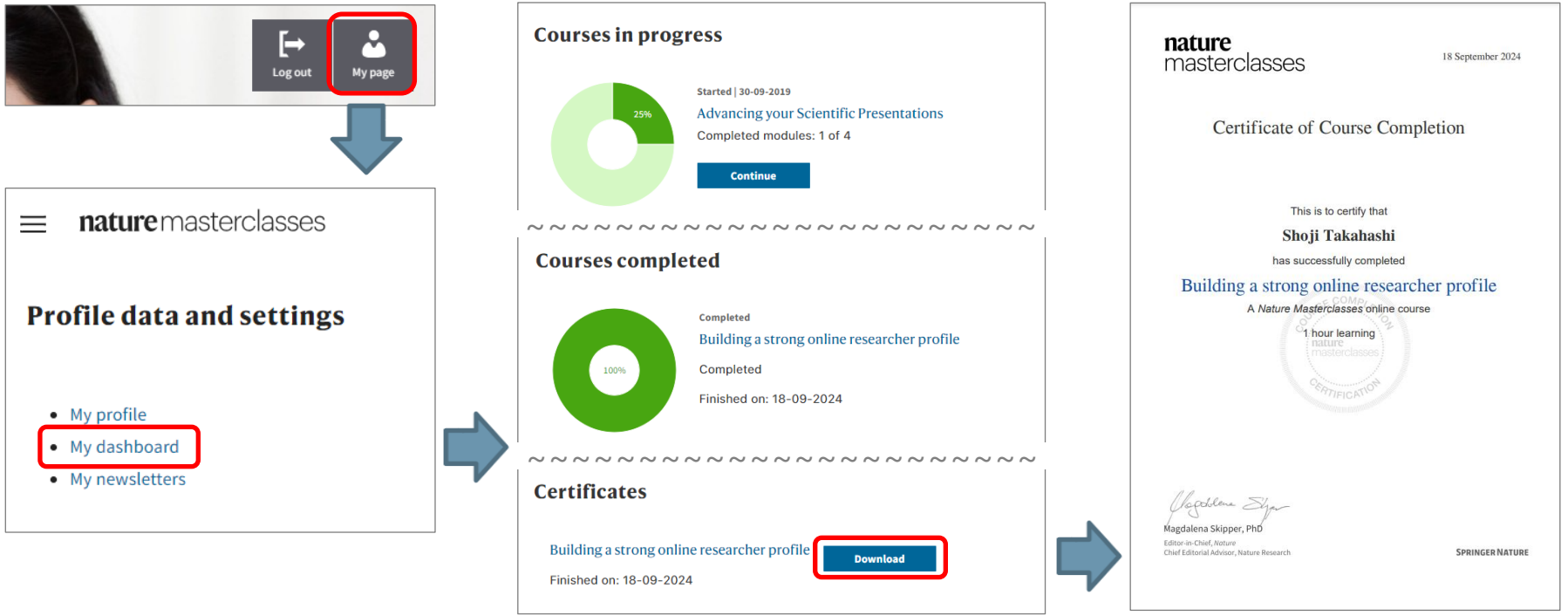
Your course progress is visible on the course homepage.
Once you complete the course, your certificate is ready to download.





View your dashboard

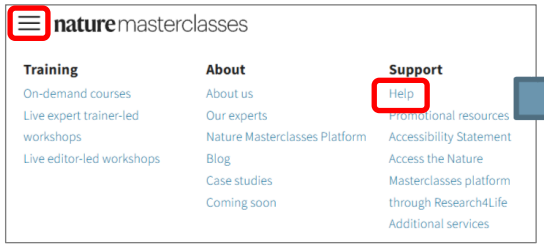
You can look at the progress of all courses and download certificates of completed courses in My Dashboard.



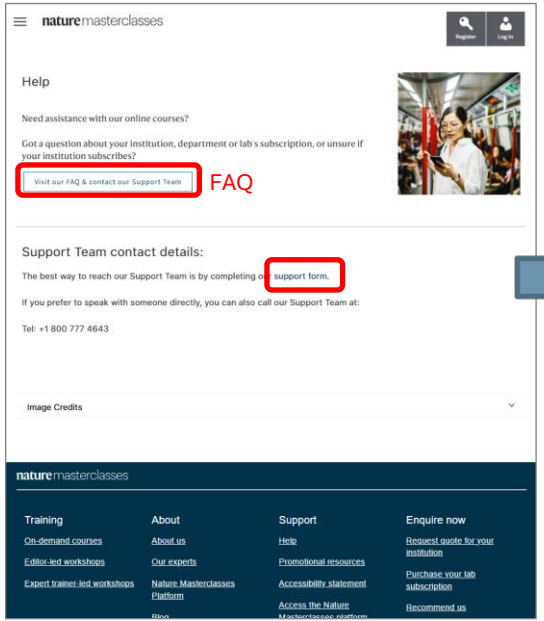
Help and FAQ

If you encounter technical issues, please first refer to the FAQ page.
If the issue is not resolved, contact our Support Team via support form.

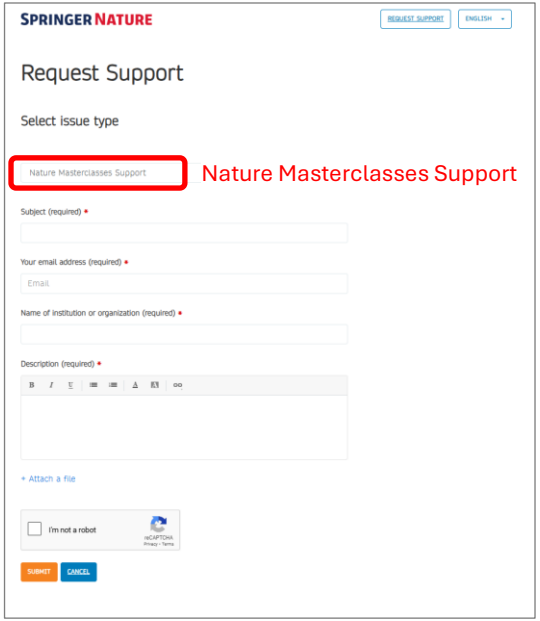
Select “Help” from the menu.



Help



Support Form



4

Appendix:
Available Courses

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Available courses

Number of modules and learning time

	Course	Number of modules	Learning time
Design Research	Experiments: From Idea to Design	4	8.5
Secure Funding	Persuasive Grant Writing	3	7.5
	Finding Funding Opportunities	1	3.5
Experiment and Analyse	Data Analysis: Planning and Preparing	2	4.0
	Data Analysis: Conducting and Troubleshooting	3	5.0
	Interpreting Scientific Results	1	3.5
	Managing Research Data	4	10.0
Write and Publish	Choosing the Best Journal for Your Paper	3	4.0
	Writing a Research Paper: 2nd Edition	5	14.5
	Publishing a Research Paper: 2nd Edition	3	6.0
	Writing and Publishing a Review Paper: 2nd Edition	17*	4.0
	Focus on Peer Review	4	3.5
	Research Integrity: Publication Ethics	3	8.0
Share and Disseminate	Advancing Your Scientific Presentations	4	10.0
	Creating Successful Research Posters	1	4.5
	Effective Science Communication	1	6.5
	Maximising the Impact of your Paper	8*	1.5
	Narrative Tools for Researchers	3	8.5
Develop your Career	Building a Strong Online Researcher Profile	5*	1.0
	Getting an Academic Research Position	4	9.5
Work with Others	Networking for Researchers	4	8.0
	Introduction to Collaboration	1	2.5
	Participating in a Collaboration	1	5.0
	Leading a Collaboration	3	11.5

* Short lessons (Microlearning courses)

Available courses

Recommended courses by career stage

	Courses recommended for PhD students	Courses recommended Postdoc researchers
Design Research	Experiments: From Idea to Design	
Secure Funding	Persuasive Grant Writing	Persuasive Grant Writing Finding Funding Opportunities
Experiment and Analyse	Data Analysis: Planning and Preparing Data Analysis: Conducting and Troubleshooting Interpreting Scientific Results Managing Research Data	Interpreting Scientific Results
Write and Publish	Choosing the Best Journal for Your Paper Writing a Research Paper: 2nd Edition Publishing a Research Paper: 2nd Edition Research Integrity: Publication Ethics	Writing a Research Paper: 2nd Edition Publishing a Research Paper: 2nd Edition Writing and Publishing a Review Paper: 2nd Edition Focus on Peer Review Research Integrity: Publication Ethics
Share and Disseminate	Creating Successful Research Posters	Advancing Your Scientific Presentations Effective Science Communication Maximising the Impact of your Paper Narrative Tools for Researchers
Develop your Career	Building a Strong Online Researcher Profile Getting an Academic Research Position	Getting an Academic Research Position
Work with Others	Introduction to Collaboration	Networking for Researchers Participating in a Collaboration Leading a Collaboration

Experiments: From Idea to Design

Enhance your skills in developing, planning, and refining impactful experiments

PhD students	Postdocs
✓	

About this course

This course equips you with the right tools to help develop, plan and refine robust, impactful experiments. You will cover all the core concepts of experimental design and discover strategies to complete the full process of developing a research motivation, formulating hypotheses, assembling an experimental plan and utilising it.

Course details

- For researchers in the natural sciences who want to develop their experimental design skills
- 9 experts in experimental design including experienced researchers and Nature Portfolio Journal Editors
- 8.5 hours of learning, 10-30-minute bite-sized lessons, 4-module course with certificate

Modules

- Foundations of experimental design (1h 30m)
- Developing your motivation, assumptions, and hypotheses (2h)
- Assembling your experimental plan (3h)
- Utilising your experimental design (2h)

Persuasive Grant Writing Popular!

Discover narrative tools and how you can use them to write convincing grant applications

PhD students	Postdocs
✓	✓

About this course

This course explains how to use narrative tools to create grant applications that resonate with the audience - your chosen funder. In the course, you will discover how narrative tools can improve the quality of your grant applications, how understanding your funder will help you align your research question with their objectives and how to apply narrative tools across your grant applications to make them more informative and persuasive.

Course details

- For researchers in the natural sciences who want to use narrative tools to improve the quality of their grant applications to make them more informative and persuasive
- 9 experts in grant writing, including researchers, programme officers from funding bodies, and the Chief Editor of the *Nature Research* Editing Service
- 7.5 hours of learning, 15-minute bite-sized lessons, 3-module course with certificate

Modules

- Before starting your grant application (2h)
- Targeting your audience (2h)
- Creating a narrative (3h 30m)

Finding Funding Opportunities

Explore the funding landscape to identify the best funding opportunities for you

PhD students	Postdocs
	✓

About this course

This course provides researchers with the skills needed to identify their professional and personal circumstances as well as research needs, and to find and prioritise funding opportunities that best fit their requirements and expertise.

Course details

- For researchers in the natural sciences who want to find and prioritise funding opportunities to fit their needs or mentor others through the process
- 5 experts in obtaining research funding, including a former programme director at a major funder, experienced researchers, and a research management consultant
- 3.5 hours of learning, 10-30-minute bite-sized lessons, 1-module course with certificate

Module

- Finding Funding Opportunities (3.5h)

Data Analysis: Planning and Preparing

Maximise the outputs of your data and avoid time-consuming mistakes

PhD students	Postdocs
✓	

About the course

This course introduces the essential elements of robust data analysis during a research project. In this course, you will discover how planning and preparing for data analysis will avoid time-consuming and costly mistakes, benefitting your immediate research and ultimately your reputation and career.

Course details

- For researchers in the natural sciences who want to develop their data analysis skills or mentor others through the process
- 10 experts in data analysis, including experienced statisticians and data scientists, *Nature Portfolio* journal Editors and early career researchers
- 4 hours of learning, 15-minute bite-sized lessons, 2-module course with certificate

Modules

- Introduction to data analysis and the importance of planning (2h)
- Preparing your data for analysis (2h)

Data Analysis: Conducting and Troubleshooting

Develop your data skills for more effective results

PhD students	Postdocs
✓	

About this course

This course introduces the key concepts, processes and methodologies of effective data analysis during research projects. In this course, you will discover how conducting effective data analysis will benefit your research and career, and learn how to implement best practices in order to maximise the outputs of your research.

Course details

- For researchers in the natural sciences who want to develop their data analysis skills or mentor others through the process
- 10 experts in data analysis, including experienced statisticians and data scientists, *Nature Portfolio* journal Editors and early career researchers
- 5 hours of learning, 15-minute bite-sized lessons, 3-module course with certificate

Modules

- Introduction to data analysis (1h 30m)
- Exploring your data and reviewing your analysis plan (1h 30m)
- Analyzing your data (2h)

Interpreting Scientific Results

Explore the best techniques for interpreting your scientific results

PhD students	Postdocs
✓	✓

About this course

This course is aimed at all researchers in the natural sciences who want to develop their skills in adequately interpreting results. It provides the knowledge, life-long practical skills and confidence required to address their scientific question, contextualise their findings to understand the bigger picture, as well as what they bring to their scientific field, and write an interpretation with a focus on their key message.

Course details

- For researchers in the natural sciences who want to interpret their scientific findings with more confidence, or mentor others through the process
- 5 experts in interpreting results, including a *Nature Portfolio* journal Editor and experienced researchers, statisticians and data scientists
- 3.5 hours of learning, 10-20-minute bite-sized lessons, 1 module course with certificate

Module

- Interpreting scientific results (3h 30m)

Managing Research Data

Explore the foundations of effective data management

PhD students	Postdocs
✓	

About this course

This course covers the key elements of effective data management during research projects. In this course you will discover how good data management will benefit your research and career, and learn how to implement best practices in research data management in order to maximise the outputs of your research.

Course details

- For researchers in the natural sciences who want to develop their data management skills or mentor others through the process
- 10 experts in data management, including researchers, funders, data publishing and institutional data management specialists
- 10 hours of learning, 15-minute bite-sized lessons. 4-module course with certificate

Modules

- Welcome and Introduction (2h)
- Creating and maintaining your data management plan (DMP) (1h 30m)
- Managing data in the short and long term (3h 30m)
- Sharing your data (3h)

Choosing the Best Journal for Your Paper

Navigate the decisions and considerations to choose the right journal for your work

PhD students	Postdocs
✓	

About this course

With thousands of journals available and some disreputable ones to avoid, selecting the best one to showcase your hard-earned results can be challenging but crucial. But what does ‘best’ mean? Readership, quality, prestige, and publication cost are key factors. It’s also important not to overlook factors like article access and editorial services. In this course, you will learn a step-by-step process for choosing the most appropriate scholarly journals to target for your paper, and how to prioritise which journal to submit your paper to first.

Course details

- For researchers in the natural sciences who want to identify the best journal for their research
- 12 researchers and experts in journal selection and academic publishing
- 4 hours of learning, 5-20-minute lessons, 3-module course with certificate

Modules

- Preparing to publish in a journal (30m)
- How to choose a journal (3h)
- Key takeaways and knowledge check (30m)

Writing a Research Paper: 2nd Edition Popular!

Learn the detailed processes of writing a research paper

PhD students	Postdocs
✓	✓

About this course

Writing research papers allows you to contribute to the scientific record, and is critical for advancing your career. To ensure that the findings you have invested so much effort in have an impact on your scientific community, it is pivotal that the paper you write is effective. This course will introduce you to powerful narrative tools and principles of scientific writing to help you write effective research papers.

Course details

- For researchers in the natural sciences looking to write effective research papers
- With insights from 12 experts in scientific writing, including *Nature Portfolio* Editors
- 14.5 hours of learning, 10-50-minute lessons, 5-module course with certificate

Modules

- Understanding the elements of an effective research paper (2h)
- Applying narrative tools to your research paper (3h)
- Using the principles of scientific writing style for your research paper (2h)
- Writing your research paper section by section (5h 30m)
- Finalising your research paper for submission (2h)

Publishing a Research Paper: 2nd Edition Popular!

Learn how to navigate the editorial and publishing process

PhD students	Postdocs
✓	✓

About this course

Publishing a scientific paper is an essential stage in the research process. Whether you are new to academic publishing or seeking to improve your publication success, this course offers a comprehensive overview of how to navigate the editorial process, including submissions, peer review and revisions.

Course details

- For researchers in the natural sciences seeking to improve their chances of successfully publishing research papers
- 12 experts in scientific publishing, including *Nature Portfolio* Editors and prominent researchers
- 6 hours of learning, 10-30-minute lessons, 2-module course with certificate

Modules

- Submitting your paper (2h 30m)
- From submission to publication (3h 30m)

Writing and Publishing a Review Paper: 2nd Edition

Prepare yourself to write a great review paper

PhD students	Postdocs
	✓

About this course

Review papers are critical for advancing scientific knowledge. They bring together recent literature and provide critical analysis on specific topics, helping researchers explore future directions and challenges in the field. In this course, you will learn approaches, techniques and skills important for writing a strong review paper as you are guided through the writing and publishing process.

Course details

- For researchers in the natural sciences looking to build or refine their review writing skills
- With insights from seven experts in reviews, including four *Nature Portfolio* Chief Editors
- 4 hours of learning, 5-25-minute lessons, 17-lesson course with certificate

Lessons

- What are review papers? (16m)
- Why publish a review paper? (10m)
- What makes a great review paper? (11m)
- Editors' favourite review papers (3m)
- Build the foundation (17m)
- The outline (12m)
- Plan the written content of your review (20m)
- Select your primary literature (24m)
- Identify your display items (21m)
- Choose your journal (5m)
- Write a compelling cover letter (12m)
- Mechanics of Writing a review (20m)
- Write your review (16m)
- Prepare for submission (20m)
- Publish your review (10m)
- Frequently asked questions (8m)
- Key takeaways (10m)

Focus on Peer Review

PhD students	Postdocs
	✓

Explore the role of a peer reviewer and the foundations of a good peer review

About this course

This course teaches researchers the foundations of good peer review.

Course details

- For researchers in the natural sciences who are new to peer review or wish to refresh their skills
- 11 Nature Portfolio journal Editors and 2 active researchers
- 3.5 hours of learning, 10-minute bite-sized lessons, 4-module course with certificate

Modules

- Your role as a peer reviewer (40m)
- The peer review report (1h 10m)
- Ethics in peer review (50m)
- Variations and innovations in peer review (50m)

Research Integrity: Publication Ethics

Examine the ways you can handle ethical issues that can arise as you publish your research

PhD students	Postdocs
✓	✓

About this course

This course assists researchers to master the essential steps for publishing work with the highest standards of integrity. By providing practical strategies to implement editorial policies the course serves as a toolbox, enabling researchers to navigate the whole writing and publishing process. This course supports researchers in publishing with integrity, allowing them to confidently contribute to the scientific record.

Course details

- For researchers in the natural sciences who want to improve their understanding of how to publish research ethically and with integrity
- 7 experts in publication ethics, including a Nature Portfolio journal Chief Editor, Caltech's Chief Research Policy Officer and an elected member of the Committee on Publication Ethics (COPE) Council
- 8 hours of learning, 10-40-minute lessons, 3-module course with a course certificate

Modules

- Preparing to publish with integrity (1h 30m)
- Publication ethics during manuscript preparation (4h 45m)
- Publication ethics after submission (1h 45m)

Advancing Your Scientific Presentations Popular!

PhD students	Postdocs
	✓

Communicate your results in an engaging and memorable way

About the course

This course teaches you how to create more memorable and engaging presentations to your scientific peers. In the course, you will discover how you can develop your research story - the foundation of your presentation - using narrative tools, how to build a slide deck that supports and enhances your presentation, and how to prepare to deliver your presentation on the day.

Course details

- For researchers in the natural sciences who want to improve the quality of their peer-to-peer scientific presentations with both virtual and face-to-face audiences
- 10 experts who excel at presenting their work, including renowned presentation designers, and trainers and experts in narrative tools
- 10 hours of learning, 15-minute lessons, 4-module course with course certificate

Modules

- Overcoming your research presentation challenges (2h)
- Developing the story behind your talk (2h 30m)
- Building an engaging slide deck (2h 30m)
- Preparing and navigating your talk (3h)

Creating Successful Research Posters Popular!

PhD students	Postdocs
✓	

Create engaging and attractive posters to boost your chances of success

About this course

In today's fast-paced world of research, effective communication is key. An engaging research poster is a great way to visually share your findings concisely and broaden your professional network with other researchers. Learn how to craft great engaging research posters and prepare a handout and conversation that will captivate your audience. Whether you're a student presenting your first poster at a conference or an early career researcher seeking feedback and collaborations, this course will provide you with the knowledge, skills, and confidence and improve your chances of success.

Course details

- For researchers in the natural sciences who would like to learn how to create and present an effective research poster
- 5 experts in science communication and research poster design and presentation
- 4.5 hours of learning, 10–35-minute lessons, 1-module course with certificate

Module

- Creating Successful Research Posters (4h 30m)

Effective Science Communication

Learn to communicate your findings in an engaging and impactful way

PhD students	Postdocs
	✓

About this course

Knowing how to effectively communicate research with non-experts requires a certain skillset that can be learned and developed with practice. This course will provide researchers with the core tools and techniques to help them communicate any piece of research, published or unpublished, to a variety of different audiences. It covers the essential steps, including identifying communication goals, understanding different audiences, and crafting a key message. The course also explores the different communication methods and channels available.

Course details

- For researchers in the natural sciences who would like to communicate their research to a broader audience
- 8 experts in science communication, science writing and editing, science outreach, engagement and presentations, and the Springer Nature press office
- 6.5 hours of learning, 10–30-minute lessons, 1-module course with certificate

Module

- Effective Science Communication (6h 30m)

Maximising the Impact of Your Paper

Effectively promote your paper and measure and track its impact

PhD students	Postdocs
	✓

About this course

Publishing your research is a critical milestone, but it's only the beginning of your paper's journey. There are essential steps you can take to promote and share your research with the world and ensure maximal exposure. In this course, you will learn about the different types of impact that your published research can have, and we will explore strategies for promoting your paper and tracking its impact.

Course details

- For researchers in the natural sciences seeking to promote and track the impact of their papers
- 8 researchers and experts in promoting papers and measuring impact
- 1.5 hours of learning, 5-15-minute lessons, 8-lesson course with certificate

Lessons

- Welcome to this course (5m)
- What is research impact? (10m)
- How to promote your paper (12m)
- Engage with the media (10m)
- Measure your paper's reach and impact (13m)
- Article-level metrics (15m)
- Frequently asked questions (12m)
- Key takeaways and knowledge check (8m)

Narrative Tools for Researchers

Examine the best ways you can share your research story persuasively with your peers

PhD students	Postdocs
	✓

About this course

This course explains how to use narrative techniques to help you communicate your research to the scientific community in an effective, compelling and memorable way.

Course details

- For researchers in the natural sciences who want to enhance their communication to their peers by using narrative tools to tell their research story
- 10 experts in using narrative techniques in scientific communication, including researchers, Nature Portfolio journal Editors and science journalists
- 8.5 hours of learning, 15-minute bite-sized lessons, 3-module course with certificate

Modules

- Why use a story? (2h)
- Building your story (4h)
- Refining your story (2h 30m)

Building a Strong Online Researcher Profile

Learn to create a researcher profile that will elevate your online visibility

PhD students	Postdocs
✓	

About this course

Being easily found and contacted online by different stakeholders such as journal editors, industry professionals, journalists and fellow researchers is crucial in fostering collaborations and advancing your career. This microlearning course aims to equip learners with the essential skills to build and optimise their online researcher profile(s).

Course details

- For researchers in the natural sciences who would like to boost their online visibility and advance their career
- This course was developed in collaboration with 5 experts including journal editors, researchers, journalists and recruiters
- Microlearning format, 1 hour of learning, 5 bite-sized lessons with certificate

Lessons

- What is an online researcher profile? (10m)
- Who might be searching for you online? (10m)
- Where can you build your online researcher profile? (15m)
- Which websites or platforms should you case? (15m)
- How can you make your researcher profile(s) stand out? (10m)

Getting an Academic Research Position

Prepare yourself to take your next career step, into either a postdoc or faculty role

PhD students	Postdocs
✓	✓

About this course

This course will show researchers how to get an academic research position that suits them perfectly. It will teach them the skills to find, select and apply to suitable roles, send tailored applications, and impress potential employers at the interview.

Course details

- For researchers in the natural sciences seeking to take their next career step, either as a new postdoc or in a new faculty role
- 11 experts in research career development, including experienced academic researchers, *Nature Portfolio* journal Editors, and coaching and careers specialists
- 9.5 hours of learning, 10-30-minute bite-sized lessons, 4-module course with certificate

Modules

- Exploring your values, interests, skills and career goals (2h)
- Finding a research position (2h)
- Applying for a research position (2h 30m)
- Excelling at the interview (2h 30m)

Networking for Researchers

Create and nurture professional relationships for mutual benefit

PhD students	Postdocs
	✓

About this course

This course covers the key elements needed to acquire or perfect effective professional networking skills for scientific researchers. In this course you will discover how building a professional network will benefit your research and career, and learn the skills to build and maintain networking connections in a variety of settings, both in-person and online.

Course details

- For researchers in the natural sciences who want to gain confidence by improving their networking skills or mentor others through the process
- 10 experts in networking, including researchers, experienced academic networkers, fellows, networking consultants and communications specialists
- 8 hours of learning, 15-minute bite-sized lessons, 4-module course with certificate

Modules

- Why network? (2h)
- Getting ready to network (2h)
- Connect with new networking contacts - in person and online (2h 30m)
- Nurturing and harnessing the power of your network (1h 30m)

Introduction to Collaboration

Gain an insight into research collaboration and its benefits

PhD students	Postdocs
✓	

About the course

This course introduces the idea of research collaboration and how becoming a more effective collaborator could help to further both your research and your career. Even if you've already participated in collaborative research, this course provides a useful introduction to the topic of research collaboration, as well as valuable context and advice around the pros and cons of collaborative projects and how they can help you reach your goals.

Course details

- For researchers in the natural sciences who wish to participate in collaborative projects
- 14 experts in collaboration, including researchers, funders, editors and professionals
- 2.5 hours of learning, 15-minute bite-sized lessons, 1-module course with certificate

Module

- Introduction to collaboration (2h 30m)

Participating in a Collaboration

Build your skills to make a more meaningful contribution to your collaborative projects

PhD students	Postdocs
	✓

About the course

This course focuses on how to ensure you make a meaningful contribution when you join a collaborative project. The course will help to equip you with the knowledge and skills you need to become an effective and valuable member of the team. This course is particularly suited to researchers who have little or no experience in working collaboratively.

Course details

- For researchers in the natural sciences who wish to participate in collaborative projects
- 16 experts in collaboration, including researchers, funders, editors and professionals
- 5 hours of learning, 15-minute bite-sized lessons, 1-module course with certificate

Module

- Participating in a Collaboration (5h)

Leading a Collaboration

Prepare yourself for all aspects of leading on a collaborative project

PhD students	Postdocs
	✓

About the course

If you already have collaborative experience and are ready to initiate your own research collaboration, ‘Leading a Collaboration’ covers all aspects of setting up, leading, managing and closing down your own collaborative research project.

Course details

- For researchers in the natural sciences who wish to lead collaborative projects
- 16 experts in collaboration, including researchers, funders, editors and professionals
- 11.5 hours of learning, 15-minute bite-sized lessons, 3-module course with certificate

Modules

- Initiating and leading a collaboration (5h)
- Running and troubleshooting a collaboration (2h 30m)
- Outputs and next steps (4h)