

nature masterclasses

Agenda

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2	Nature Masterclasses On-demand Training Platform			
3	How to Access the Courses			
4	Courses			
5	Platform Demonstration			
6	Q&A			

1

Nature Masterclasses
Training Portfolio

Nature Masterclasses Training Portfolio

What we offer:

On-demand online courses

Self-paced learning in convenient bite-sized units, with videos and engaging learning activities

Live workshops

Group learning events including hands-on advice and personalised feedback in real-time

Led by Nature Portfolio Editors Led by our Expert Trainers



2

Nature Masterclasses On-demand

Driven by data and tailored to researchers' specific needs

We carefully select our topics to address the key challenges researchers face all stages of their careers. Did you know that...?

Design research	Secure funding	Experiment and analyse	Write and publish	Share and disseminate	Develop your career	Work with others
82% of researchers* struggle with ideation	82% of researchers* struggle with writing grant proposals	61% of researchers* struggle with interpreting results	75% of researchers* struggle when publishing a research paper	79% of researchers* struggle with visualising their findings	75% of researchers* struggle to find a job	54% of researchers* struggle with turning a contact into a collaboration

Full Catalogue of Courses

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

Key Benefits of Nature Masterclasses On-demand?



Choose your course

All Design research Secure funding Experiment and analyse Write and publish Share and disseminate Develop your career Work with others

Key Benefits of Nature Masterclasses On-demand?



Over **100** experts have participated in our on-demand courses since 2015. Here are some of them:



Magdalena Skipper Editor in Chief, Nature



Kizzmekia S. Corbett-Helaire Associate Professor, Harvard T.H Chan School of Medicine



Davide Esposito
Chief Editor,
Nature Catalysis



Bhramar Mukherjee
Senior Associate
Dean of Public
Health Data, Yale
School of Public
Health



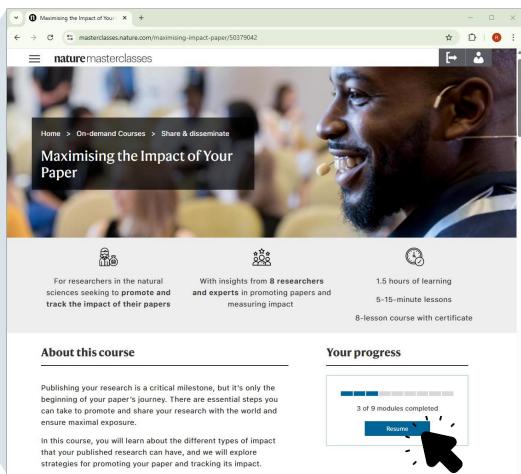
Nick Enfield Professor of Linguistics, University of Sydney



Alok Jha Science and Technology Editor, The Economist

Key Benefits of Nature Masterclasses On-demand?





3

How to Access the Courses

How does your subscription work?

Nature Masterclasses On-demand gives you full access to all existing online courses and instant access to new courses

We currently have 24 courses with over 100 hours of learning

Researchers can select the courses and modules they are interested in and for the right stage in their career



How does your subscription work?

Please ensure that you register on the Nature Masterclasses On-demand website with your institutional email address:

@afbini.gov.uk

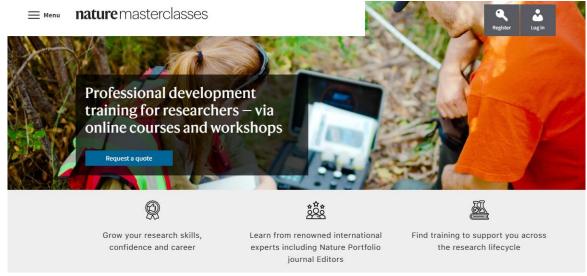


Registering for the first time

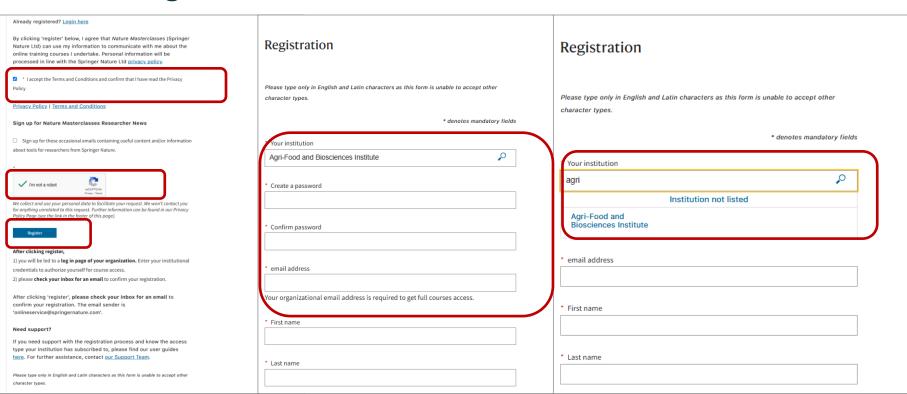
Visit: https://masterclasses.nature.com

Select **Register**

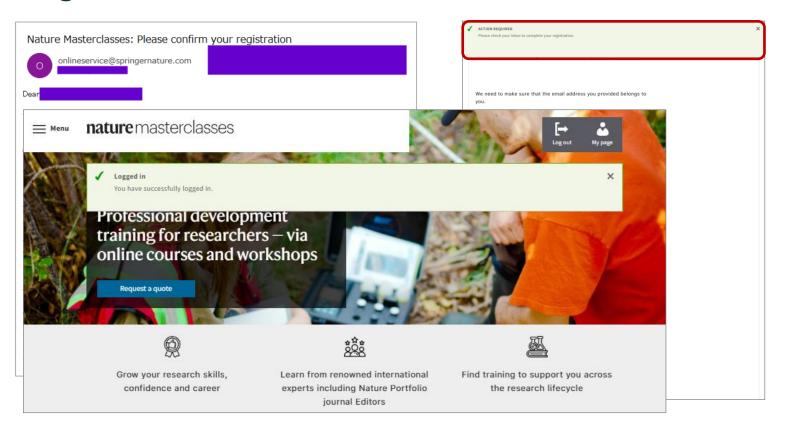




How to register?



How to register?



Logging in for future visits

Visit: https://masterclasses.nature.com

Select **Login**

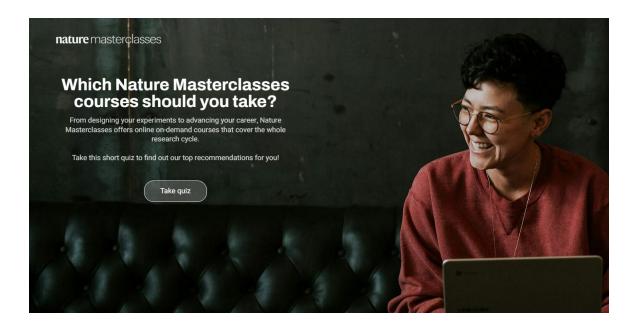


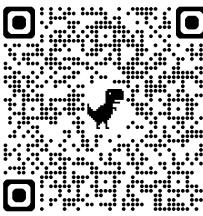


Log in

Regular login If you have registered on this site.				
	If your institution provides access to Nature Masterclasses via its own login system.			
	Select your institution			
Log in				
ons. The bundled expertise from all n new developments in you field and				
» Create new account				
	ons. The bundled expertise from all n new developments in you field and			

Not sure where to start? Scan the code to take our QUIZ





4

Courses

Experiments: From Idea to Design

Design Research



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, formulate hypotheses, assembling an experimental plan and utilising it.

- 4-module course with a course certificate
- 9 experts in experimental design including experienced researchers and Nature Portfolio journal Editors
- 8.5 hours of learning
- 10-30-minute bite-sized lessons
- English language subtitles and transcripts



Finding Funding Opportunities

Secure Funding



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.

- 1-module course with certificate
- 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
- English language subtitles and transcripts



Persuasive Grant Writing

Secure Funding



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

- 3-module course with a course certificate
- 9 experts in grant writing, including researchers, program officers from funding bodies and the Chief Editor of the Nature Research Editing Service
- 7.5 hours of learning
- 15-minute bite-sized lessons
- English language subtitles and transcripts

nature masterclasses

Data Analysis: Planning and Preparing

Experiment and Analyse



About this course

This course introduces the essential elements of robust data analysis during research projects. 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.

- 2-module course with certificate
- 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
- English language subtitles and transcripts



Data Analysis: Conducting and Troubleshooting

Experiment and Analyse



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.

- 3-module course with certificate
- 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
- English language subtitles and transcripts



Interpreting Scientific Results

Experiment and Analyse



About this course

The 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, and understand what they bring to their scientific field, and write an interpretation with a focus on their key message.

Course details

- 1-module course with certificate
- 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
- English language subtitles and transcripts

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Managing Research Data

Experiment and Analyse



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.

- 4-module course with certificate
- 10 experts in data management, including researchers, funders, data publishing and institutional data management specialists
- 10 hours of learning
- 15-minute bite-sized lessons
- English language subtitles and transcripts



Writing a Research Paper: 2nd Edition

Write and Publish



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. In other words, it needs to be informative, concise, well structured and engaging. An effective research paper makes it easier to convey to editors and reviewers the significance of presented outcomes. It also provides researchers with the information they need, boosting dissemination of your work. This course will introduce you to powerful narrative tools and principles of scientific writing. It will also teach you how to apply them to your next manuscript.

Course details

- 5-module course with certificate
- 12 experts in scientific writing, including Nature Portfolio Editors
- 14.5 hours of learning
- 10-50-minute lessons
- English language subtitles and transcripts

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Publishing a Research Paper: 2nd Edition

Write and Publish



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. It will provide you with widely applicable best practices and strategies to help you progress towards smooth and seamless publication at a scholarly journal.

- 2-module course with certificate
- 12 experts in scientific publishing, including Nature Portfolio Editors and prominent researchers
- 6 hours of learning
- 10-30-minute lessons
- English language subtitles and transcripts



Writing and Publishing a Review Paper: 2nd Edition

Write and Publish



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. Writing and publishing a review paper is a powerful way to grow as a researcher by establishing expertise and opening networking opportunities. 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.

- 17-lesson course with certificate
- 7 experts in reviews, including four Nature Portfolio Chief Editors
- 4 hours of learning
- 5-25-minute lessons
- English language subtitles and transcripts



Focus on Peer Review

Write and Publish



About this course

This is a free online training course that will teach researchers the foundations of good peer review.

- 4-module course with certificate
- 11 Nature Portfolio journal Editors and 2 active researchers
- 3.5 hours of learning
- 10-minute bite-sized lessons
- English language subtitles and transcripts



Research Integrity: Publication Ethics

Write and Publish



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 free online training course supports researchers in publishing with integrity, allowing them to confidently contribute to the scientific record.

- 3-module course with certificate
- 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
- English language subtitles and transcripts



Choosing the Best Journal for Your Paper

Write and Publish



About this course

With thousands of journals available and some disreputable ones to avoid, selecting the best one to showcase your hardearned 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.

- 3-module course with certificate
- 12 researchers and experts in journal selection and academic publishing
- 4 hours of learning
- 5-20-minute lessons
- English language subtitles and transcripts



Advancing your Scientific Presentations

Share and Disseminate



About the course

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

- 4-module course with certificate
- 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
- English language subtitles and transcripts



Creating Successful Research Posters

Share and Disseminate



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.

- 1-module course with certificate
- 5 experts in science communication and research poster design and presentation
- 4.5 hours of learning
- 10-35-minute lessons
- English language subtitles and transcripts



Effective Science Communication

Share and Disseminate



About this course

Knowing how to effectively communicate research with non-experts requires a certain skill set 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.

- 1-module course with certificate
- 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
- English language subtitles and transcripts



Narrative Tools for Researchers

Share and Disseminate



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.

- 3-module course with certificate
- 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
- English language subtitles and transcripts



Maximising the Impact of Your Paper

Share and Disseminate



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.

- 8-lesson course with certificate
- 8 researchers and experts in promoting papers and measuring impact
- 1.5 hours of learning
- 5-15-minute lessons
- English language subtitles and transcripts



Building a Strong Online Researcher Profile

Develop your Career



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 you with the essential skills to build and optimise your online researcher profile(s). You will learn how to choose the right websites and platforms to build your profile(s), craft effective bios, and select optimal keywords. You will also develop actionable techniques on how to boost your visibility and maximise your chances of success in today's interconnected digital landscape.

- 5 bite-sized lessons with certificate
- 5 experts including journal editors, researchers, journalists and recruiters
- 1 hour of learning
- English language subtitles and transcripts



Getting an Academic Research Position

Develop your Career



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.

- 4-module course with certificate
- 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
- English language subtitles and transcripts



Introduction to Collaboration

Work with Others



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.

- 1-module course with certificate
- 14 experts in collaboration, including researchers, funders, editors and professionals
- 2.5 hours of learning
- 15-minute bite-sized lessons
- English language subtitles and transcripts



Participating in a Collaboration

Work with Others



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.

- 1-module course with certificate
- 16 experts in collaboration, including researchers, funders, editors and professionals
- 5 hours of learning
- 15-minute bite-sized lessons
- English language subtitles and transcripts



Leading a Collaboration

Work with Others



About the course

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

- 3-module course with certificate
- 16 experts in collaboration including researchers, funders, editors and professionals
- 11.5 hours of learning
- 15-minute bite-sized lessons
- English language subtitles and transcripts



Networking for Researchers

Work with Others



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.

- 4-module course with certificate
- 10 experts in networking, including researchers, experienced academic networkers, fellows, networking consultants and communications specialists
- 8 hours of learning
- 15-minute bite-sized lessons
- English language subtitles and transcripts



5

Platform Demonstration

nature masterclasses

Navigation on the Nature Masterclasses On-demand platform

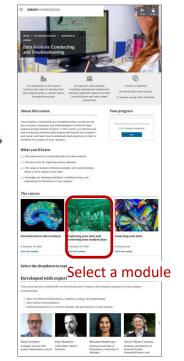
Nature Masterclasses top page



Nature Masterclasses On-demand homepage (list of courses)



Course homepage (list of modules)



Module page (list of lessons)





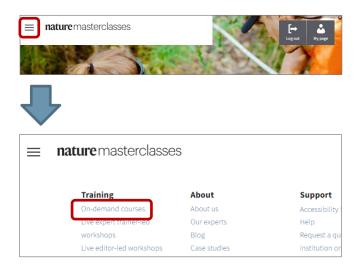


Nature Masterclasses On-demand homepage

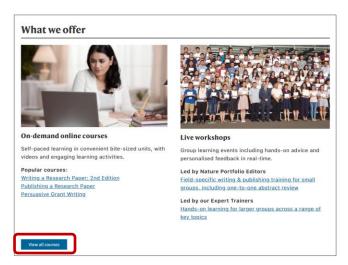
Once you are logged in, navigate to the Nature Masterclasses On-demand homepage



Select the menu icon, and then click 'On-demand courses'



Scroll down the page, and then click 'View all courses'



Choose a course on the Nature Masterclasses On-demand homepage

Choose a course from the featured courses section or from the courses organized by each stage of the research life cycle



Featured courses



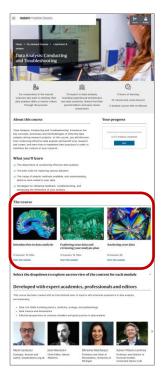
Bookmark this page for future visits https://masterclasses.nature.com/catalogue

Courses by research life cycle

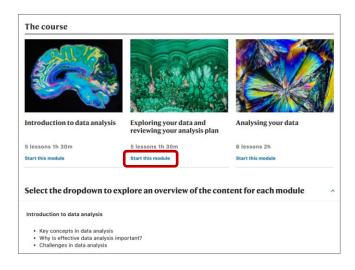


Choose a module from the Course homepage

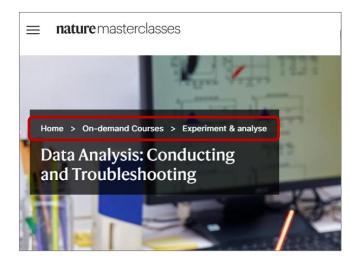
A course consists of one or more modules. Start learning by choosing a module from the course homepage



Select a module



Navigation menu

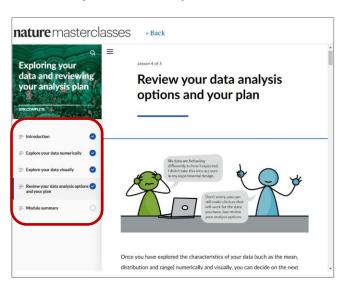


Module page (list of lessons)

A module consists of bite-sized multiple lessons



Progress indicators show you the lessons you've completed



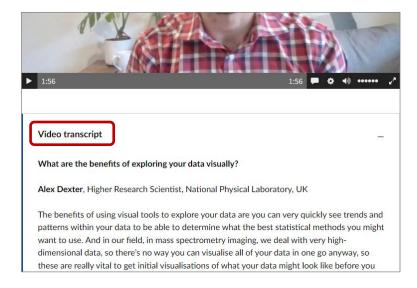
Captions and transcripts on videos

All our course videos have English closed captions and transcripts

English captions



English transcripts



Track your progress

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

'Advancing Your Scientific Presentations' 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.

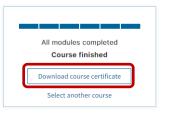
About this course

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 you with the essential skills to build and optimise your online researcher profile(s).

You will learn how to choose the right websites and platforms to

Your progress

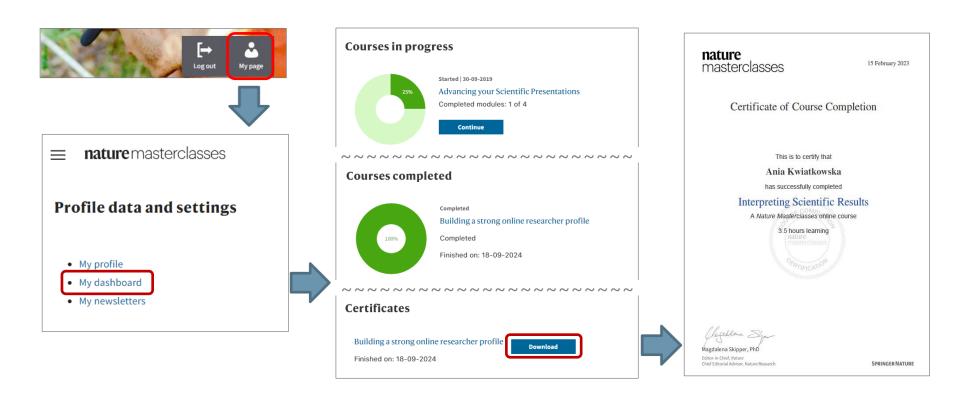






View your dashboard

Download certificates from 'My Dashboard' or the course part overview page



Ways of using the courses

- 1) Logical progression from start to finish;
- 2) Use the modules that relate to where you currently are in the research life cycle

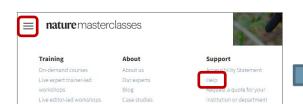
It's your resource! Find a way to use it that works for you

Dip into videos that look interesting, read content created by editors whose style you like, or who work in your field, and undertake activities that will challenge you

Help and FAQ

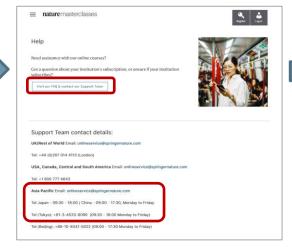
If you encounter technical issues, please first refer to the FAQ. If the issue is not resolved, check the Help section for customer service contact information

Select 'Help' from the menu



Customer Support Email: onlineservice@springernature.com

Customer Support



FAQ

