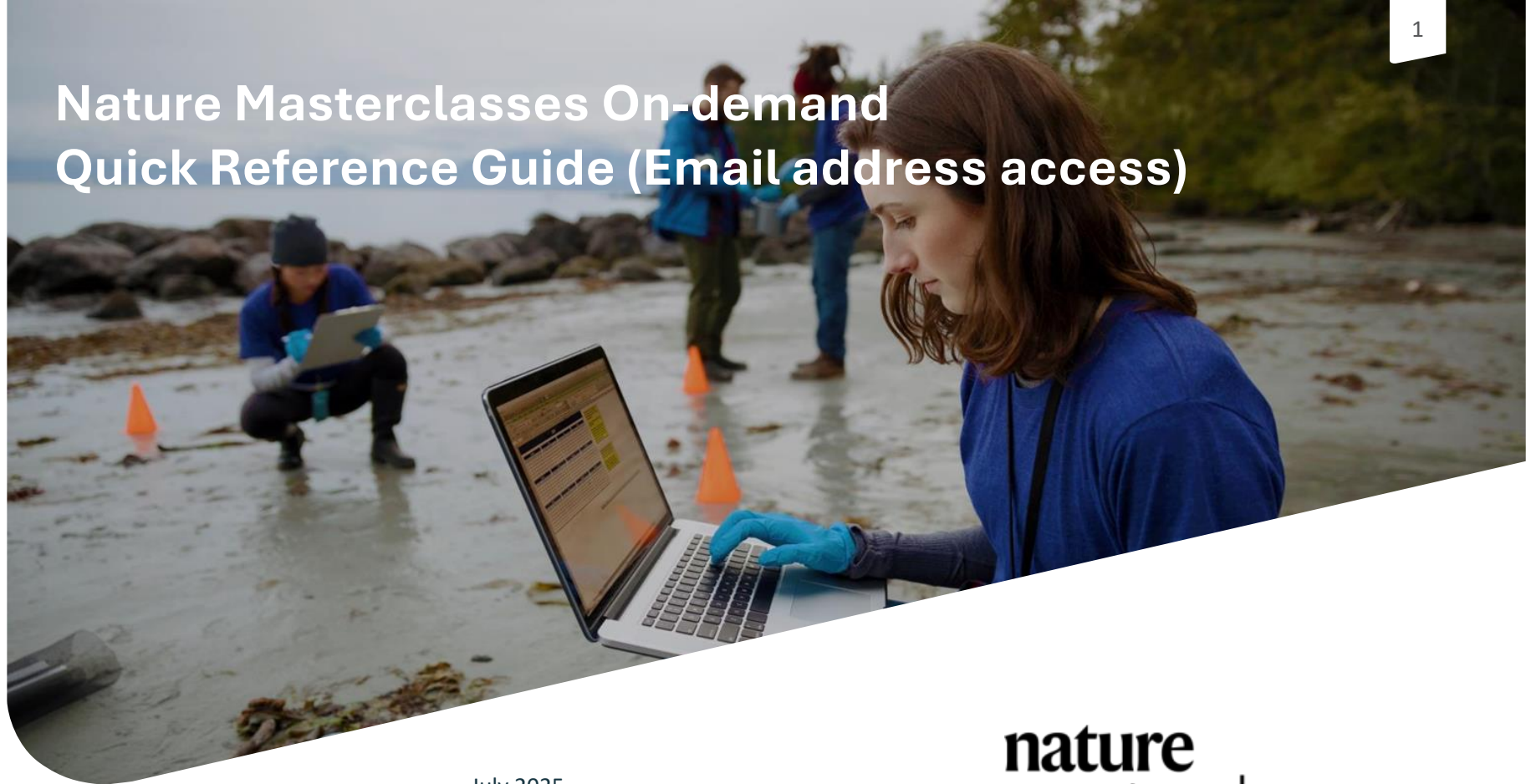


Nature Masterclasses On-demand Quick Reference Guide (Email address access)



July 2025
Springer Nature

nature
masterclasses

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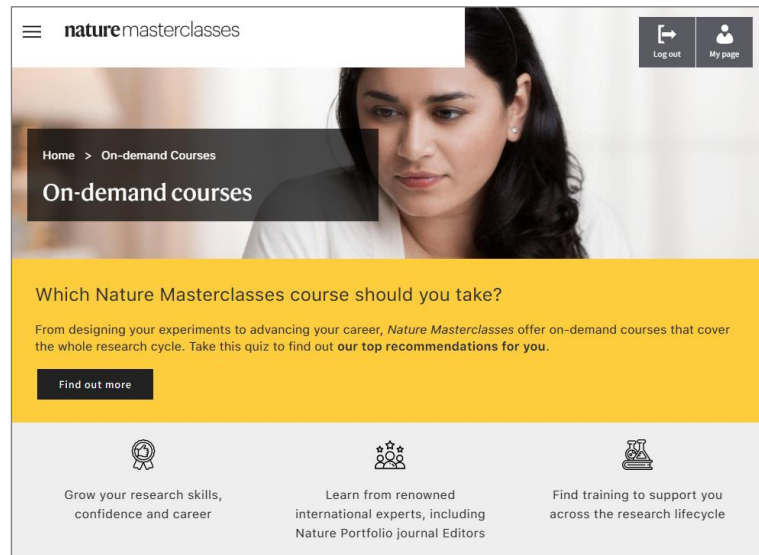
1

**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 a subscribing institution 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
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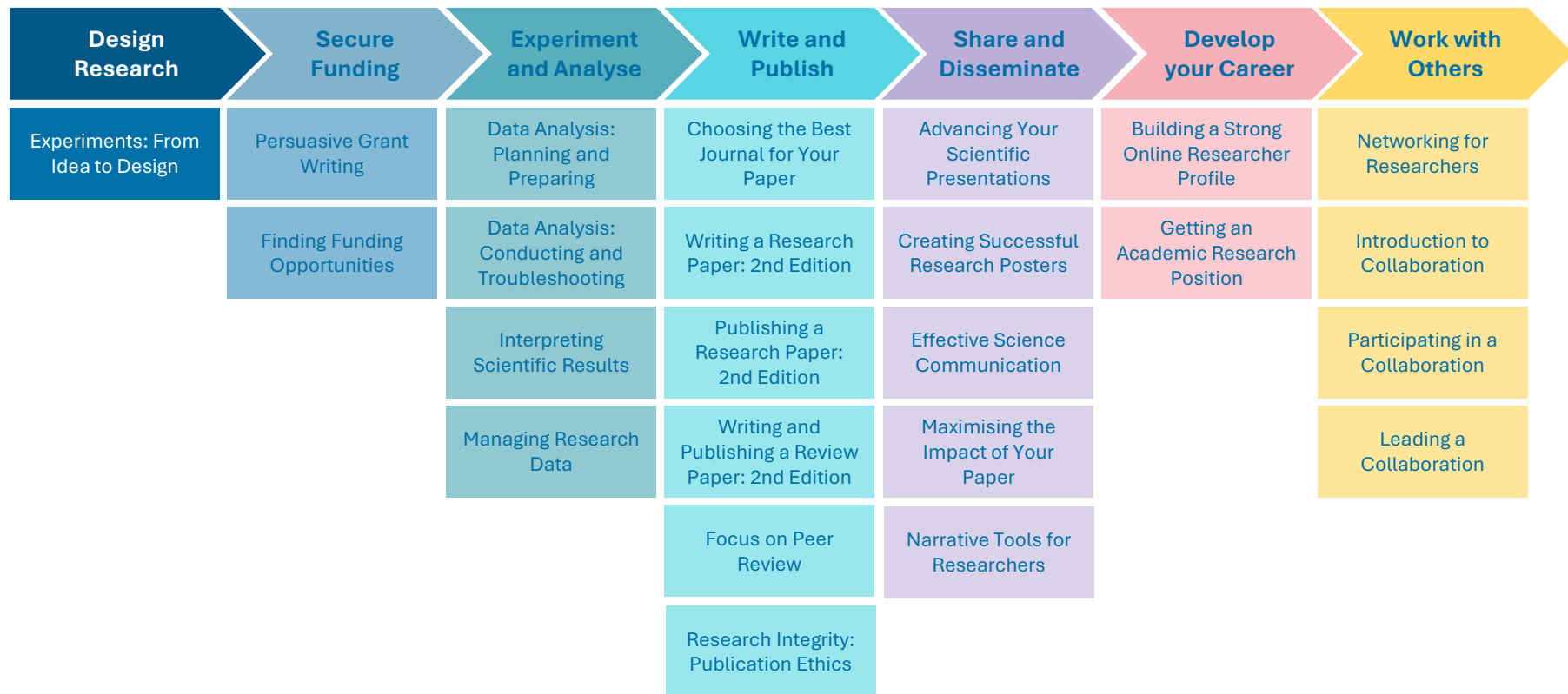


Peter Gorsuch

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

Available courses

The courses support researchers across the whole research life cycle.



For details on each course, please refer to the separate document “Nature Masterclasses On-demand courses.”

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	Finding Funding Opportunities	1	3.5
	Persuasive Grant Writing	3	7.5
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	Research Integrity: Publication Ethics	3	8.0
	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
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

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

For details, refer to the separate document “Nature Masterclasses On-demand recommended courses by career stage.”

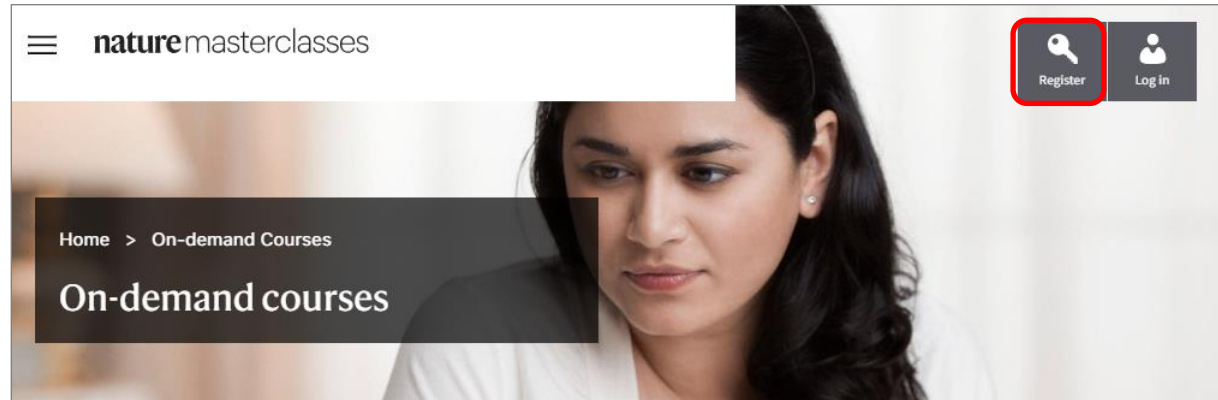
2

How to Access the Courses

Registering for the first time

Please make sure that you register on the Nature Masterclasses On-demand website with your institutional email address.

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



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

Registration

Please type only in English and Latin characters as this form is unable to accept other character types.

* denotes mandatory fields

* Your institution

ABC

Institution not listed

ABC University

* Create a password

* Confirm password

* email address

Your organizational email address is required to get full courses access.

* First name

* Last name

* Job Title

- please select -

* Discipline

- please select -

* Country/Territory

- please select -

Select your institution.

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

You must enter your institution's 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

Already registered? [Login here](#)


By clicking 'register' below, I agree that *Nature Masterclasses* (Springer Nature Ltd) can use my information to communicate with me about the online training courses I undertake. Personal information will be processed in line with the Springer Nature Ltd [privacy policy](#).

☒ * I accept the Terms and Conditions and confirm that I have read the Privacy Policy

[Privacy Policy](#) | [Terms and Conditions](#)

Sign up for Nature Masterclasses Researcher News

☐ Sign up for these occasional emails containing useful content and/or information about tools for researchers from Springer Nature.

☒ I'm not a robot 

We collect and use your personal data to facilitate your request. We won't contact you for anything unrelated to this request. Further information can be found in our [Privacy Policy Page](#) (see the link in the footer of this page).

After clicking 'register', please check your inbox for an email to confirm your registration. The email sender is 'onlineservice@springernature.com'.

Need support?



If you need support with the registration process and know the access type your institution has subscribed to, please find our user guides [here](#). For further assistance, contact [our Support Team](#).

Please type only in English and Latin characters as this form is unable to accept other character types.

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.

 **ACTION REQUIRED**
Please check your inbox to complete your registration. 

We need to make sure that the email address you provided belongs to you.

To confirm your email address you need to:

1. Find our confirmation email in your inbox.
2. Click the link in the confirmation email.


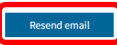
Didn't get a confirmation email?

Please also check your spam, junk or "unwanted" folder.

Didn't find our confirmation email?

Have the message sent to you again.

Please note: the message will be sent to the email address you provided when registering.

☐ I'm not a robot  [Privacy](#) [Terms](#) 

We collect and use your personal data to facilitate your request. We won't contact you for anything unrelated to this request. Further information can be found in our [Privacy Policy Page](#) (see the link in the footer of this page).

Another problem?

Can't access the email address you provided?

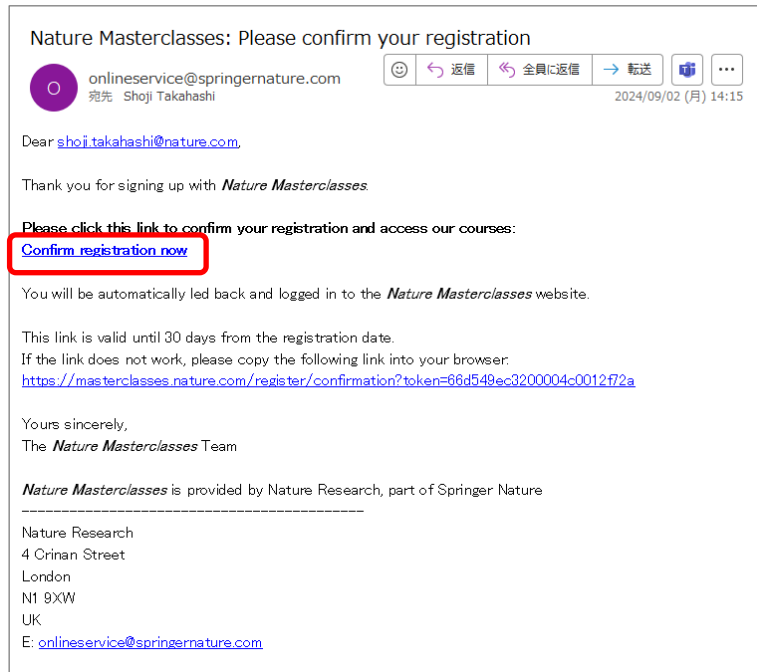
If you can no longer access the e-mail address that is stored in our system, please contact our [customer service](#).

Are you stuck?

Please contact our customer service, we will be happy to help you.
[Customer Service](#).

How to register

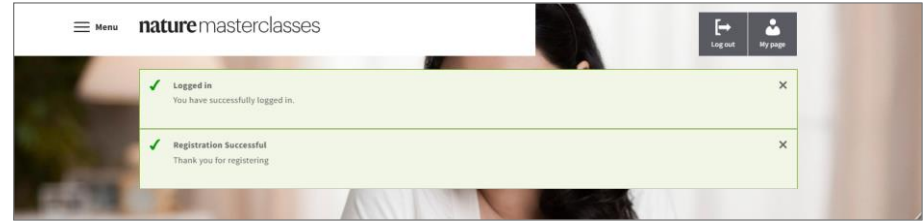
11. Open the confirmation email from Nature Masterclasses and click “Confirm registration now”



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

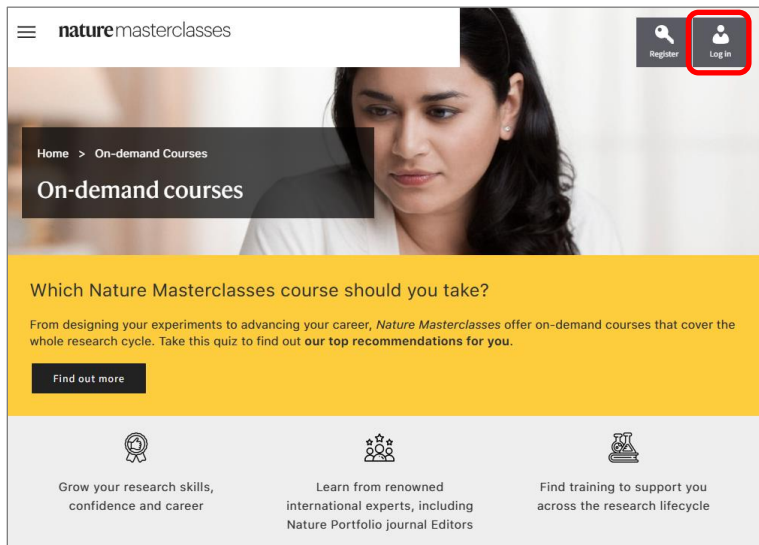


after logging in



Logging in for future visits

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



Log in

Regular login

If you have registered on this site.

[Forgot your password?](#)

☒ Remember Me

Log in

Institutional login

(single sign on)

If your institution provides access to Nature Masterclasses via its own login system.

[Select your institution](#)

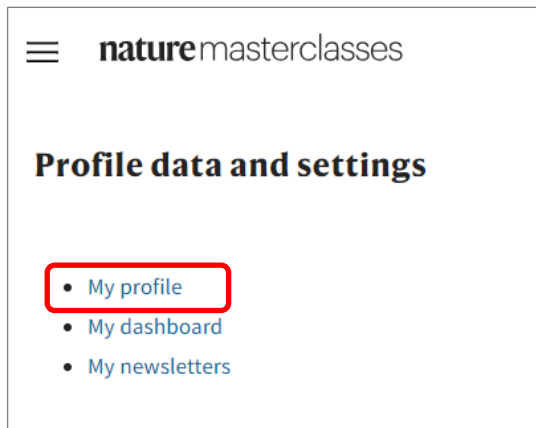
Not registered yet?

Better informed professionals make better decisions. The bundled expertise from all specialist areas supports you in keeping an eye on new developments in your field and being able to offer the best possible solutions.

[» Create new account](#)

My profile

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



Personal data

Edit

First name
Shoji

Last name
Takahashi

Country
Japan

My password

Password

To change your password, please request an email.
We will send an email to shoji.takahashi@nature.com.
Afterwards you will be able to change your password using the contained link.

[Request email](#)

My email

Edit

Email
shoji.takahashi@nature.com

Occupational data

Edit

Field of Study
Other

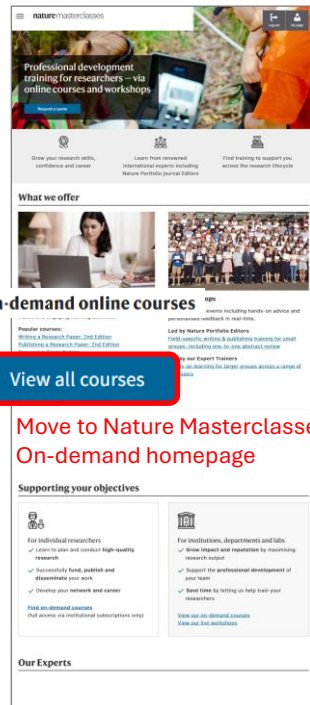
Job Title
Other

3

How to Navigate the Platform

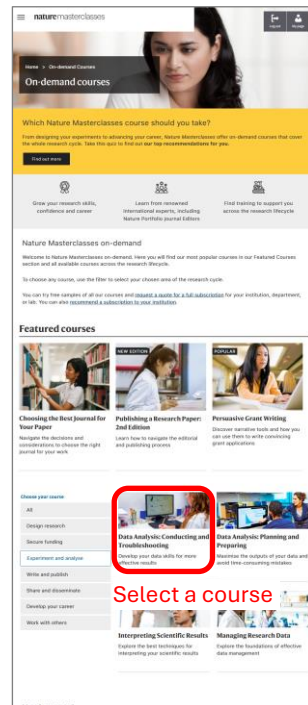
Navigation on the Nature Masterclasses platform

Nature Masterclasses
top page

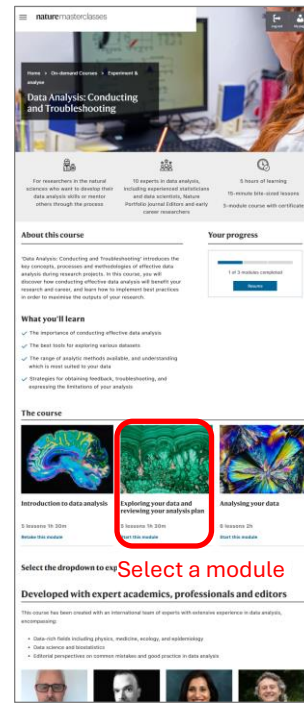


Move to Nature Masterclasses
On-demand homepage

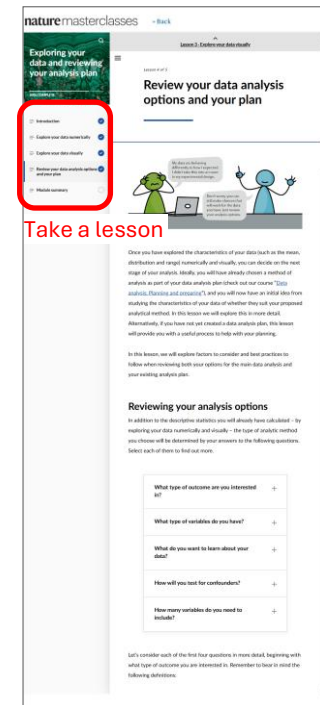
Nature Masterclasses
On-demand homepage
(list of courses)



Course homepage
(list of modules)

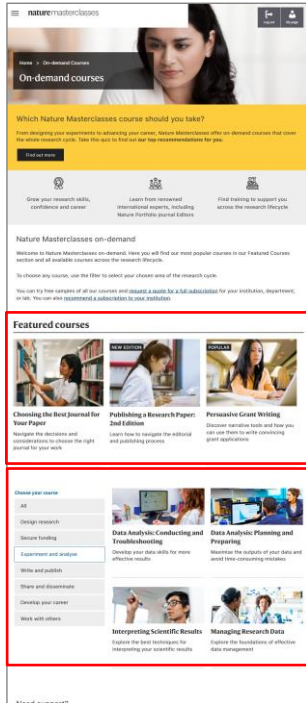


Module page
(list of lessons)



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

Featured courses

Choosing the Best Journal for Your Paper
Navigate the decisions and considerations to choose the right journal for your work

Publishing a Research Paper: 2nd Edition
Learn how to navigate the editorial and publishing process

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

Courses by research life cycle

Choose your course

All

Design research

Secure funding

Experiment and analyse

Write and publish

Share and disseminate

Develop your career

Work with others

Data Analysis: Conducting and Troubleshooting
Develop your data skills for more effective results

Data Analysis: Planning and Preparing
Maximise the outputs of your data and avoid time-consuming mistakes

Interpreting Scientific Results
Explore the best techniques for interpreting your scientific results

Managing Research Data
Explore the foundations of effective data management

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.

Featured courses

Choosing the Best Journal for Your Paper
Explore the decisions and considerations to choose the right journal for your work.

Publishing a Research Paper: 2nd Edition
Learn how to prepare the additional and publishing process.

Persuasive Grant Writing
Discover narrative tools and how you can use them to help winning grant applications.

Design research
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Secure funding
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Experiment and analyse
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Write and publish
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Develop your career
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Work with others
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Interpreting Scientific Results
Explore the best techniques for interpreting your scientific results.

Managing Research Data
Explore the foundations of effective data management.

Recommended courses by career stage

Course recommendations for PhD students
Explore courses to build essential skills and support you to lay a strong foundation for success in your field.

Course recommendations for postdoctoral researchers
Explore courses to help you establish yourself as an independent researcher and take the next step in your academic career.

Need support?
For assistance, contact our Support Team.

Image Credits

Recommended courses by career stage

Recommended courses by career stage

Course recommendations for PhD students
Explore courses to build essential skills and support you to lay a strong foundation for success in your field.

Course recommendations for postdoctoral researchers
Explore courses to help you establish yourself as an independent researcher and take the next step in your academic career.



For PhD students

Course recommendations for PhD students

On-demand courses recommended for PhD students
As a PhD student, you need tailored support and resources to start in your academic career. To support your journey, we have carefully curated courses that are most relevant to your learning needs.

Design research & Secure funding
Explore our recommended courses for PhD students at each stage of the research cycle, or browse the full catalogue all at once.

Experiment and analyse
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Write and publish
Explore the essential skills and support you need to lay a strong foundation for success in your field.

For Postdocs

Course recommendations for postdoctoral researchers

On-demand courses recommended for postdoctoral researchers
Professional training can provide you with the skills and expertise to take the next steps in your career and advance with confidence. We have selected the courses that are most relevant for postdoctoral researchers to support your learning needs.

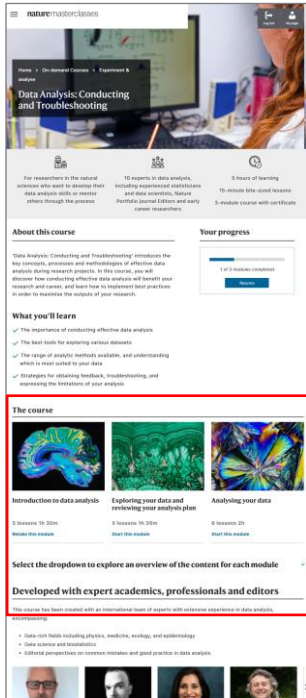
Secure funding
Explore our recommended courses for postdoctoral researchers at each stage of the research cycle, or browse the full catalogue all at once.

Experiment and analyse
Explore the essential skills and support you need to lay a strong foundation for success in your field.

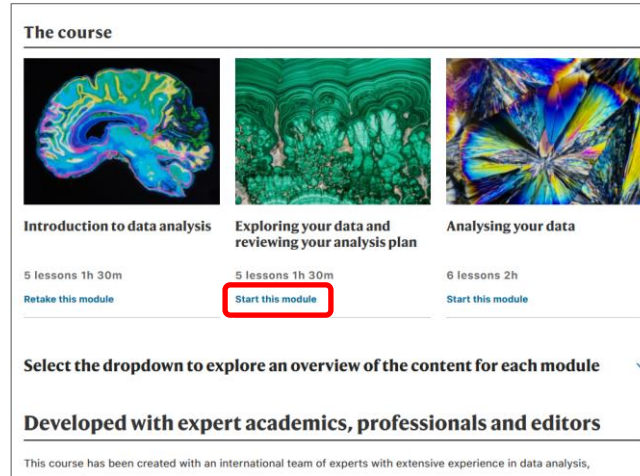
Write and publish
Explore the essential skills and support you need to lay a strong foundation for success in your field.

Choose a module from the Course homepage

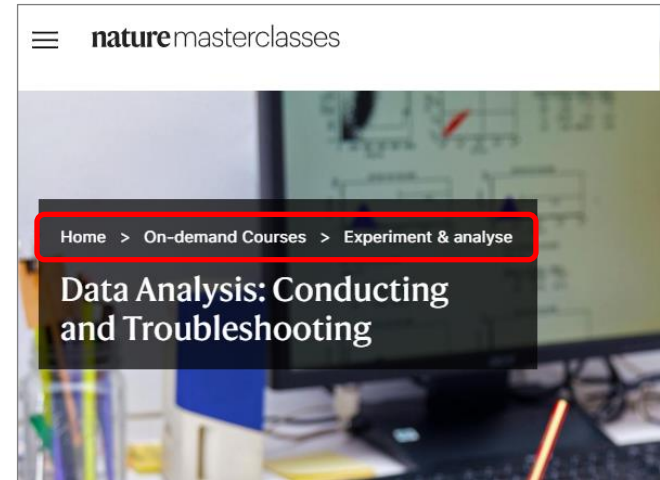
A course consists of one or more modules. Start learning by choosing a module from the course homepage.



Select a module

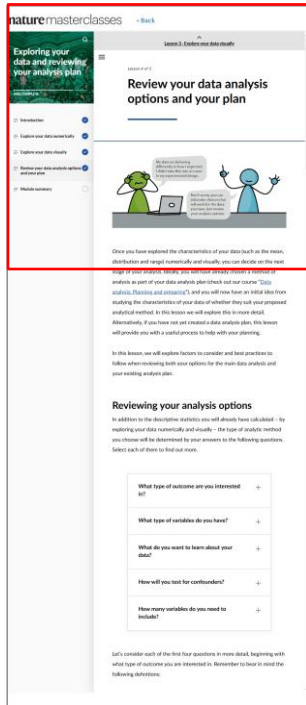


Navigation menu

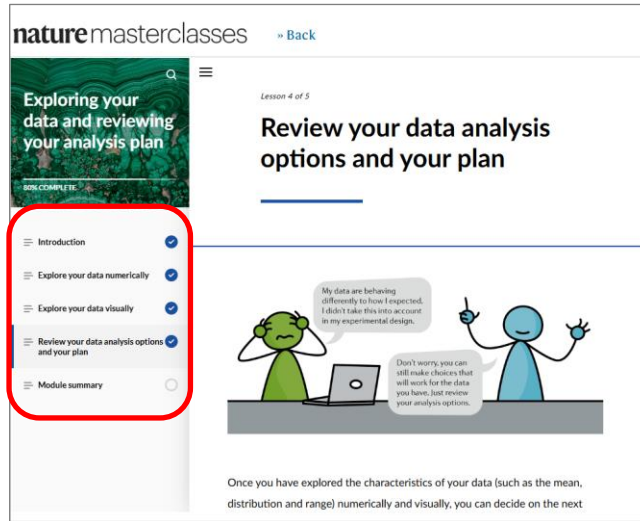


Module page (list of lessons)

A module consists of bite-sized multiple lessons.



Progress indicators show you the lessons you've completed



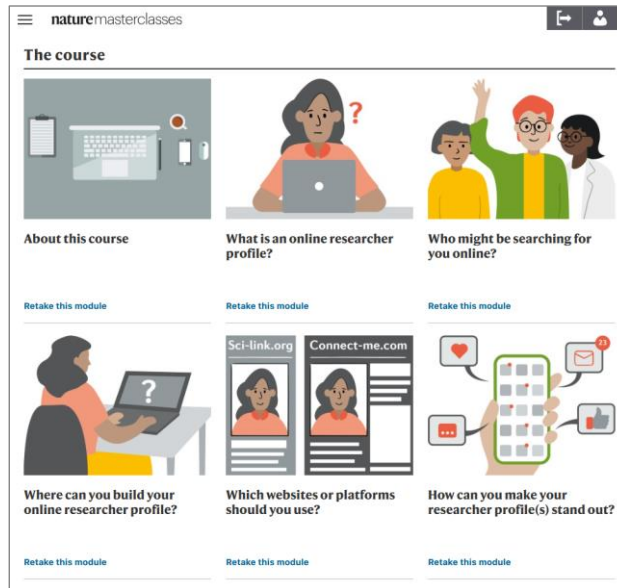
Microlearning Courses

Microlearning provides bite-sized pieces of content focused on acquiring a single particular skill.

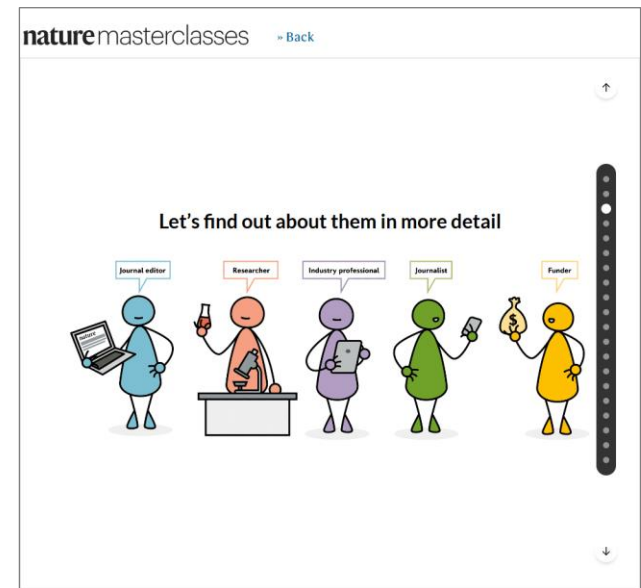
Courses:

- Writing and Publishing a Review Paper: 2nd Edition
- Maximising the Impact of Your Paper
- Building a strong online researcher profile

Each lesson can be completed in 10-15 minutes



Easy-to-follow slide format



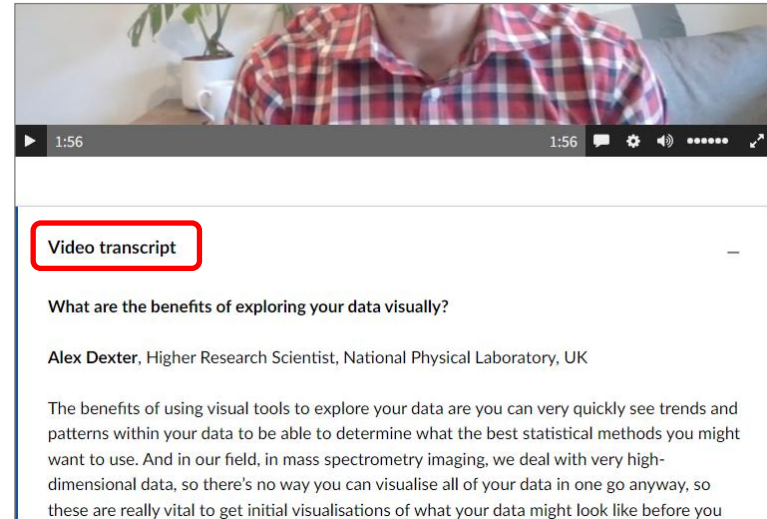
Captions and transcripts on videos

All our course videos have English closed captions and transcripts.

English captions



English transcripts



Portfolio activities/documents

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

naturemasterclasses [» Back](#)

Exploring your data and reviewing your analysis plan

80% COMPLETE

- Introduction ☒
- Explore your data numerically ☒
- Explore your data visually ☒
- Review your data analysis options and your plan ☒
- Module summary ☐



Portfolio activity

Note down your research question and pick the variables you need to answer it, then reflect on the following questions.

- What types of variables are they?
- What kind of visualisations could you use to explore relationships between them?
- Is there a response variable?
- Are there confounding variables?
- How does each variable contribute to the analysis?

Add the answers to these questions to your data analysis plan (if you are creating one) as you work through the course. If you are amending an existing plan, be sure to follow the best practices outlined in this lesson, and document any changes.

To record your thoughts, you can use the individual downloadable document that accompanies this activity or the collated portfolio document you might have downloaded in the "Introduction" lesson.


NMO_Data_Analysis_2_Variables.docx
 44.7 KB
 

naturemasterclasses

Data analysis: Conducting and troubleshooting¹

Module: Exploring your data and reviewing your analysis plan²
Lesson: Review your data analysis options and your plan²

Portfolio activity²
 Note down your research question and pick the variables you need to answer it, then note your response to each of the following questions.²

What types of variables are they? ^{2,3}	^{2,3}
What kind of visualisations could you use to explore relationships between them? ^{2,3}	^{2,3}
Is there a response variable? ^{2,3}	^{2,3}
Are there confounding variables? ^{2,3}	^{2,3}
How does each variable contribute to the analysis? ^{2,3}	^{2,3}

Add the answers to these questions to your data analysis plan (if you are creating one) as you work through the course. If you are amending an existing plan, be sure to follow the best practices outlined in this lesson, and document any changes. ⁴

1/1 Nature Masterclasses: Data analysis: Conducting and troubleshooting ©Springer Nature 2024¹

Track your progress

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

About this course

'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.

Your progress

1 of 4 modules completed

Resume

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

All modules completed
Course finished

Download course certificate

Select another course



nature
masterclasses

18 September 2024

Certificate of Course Completion

This is to certify that
Shoji Takahashi
has successfully completed
Building a strong online researcher profile
A Nature Masterclasses online course

1 hour learning
nature
masterclasses

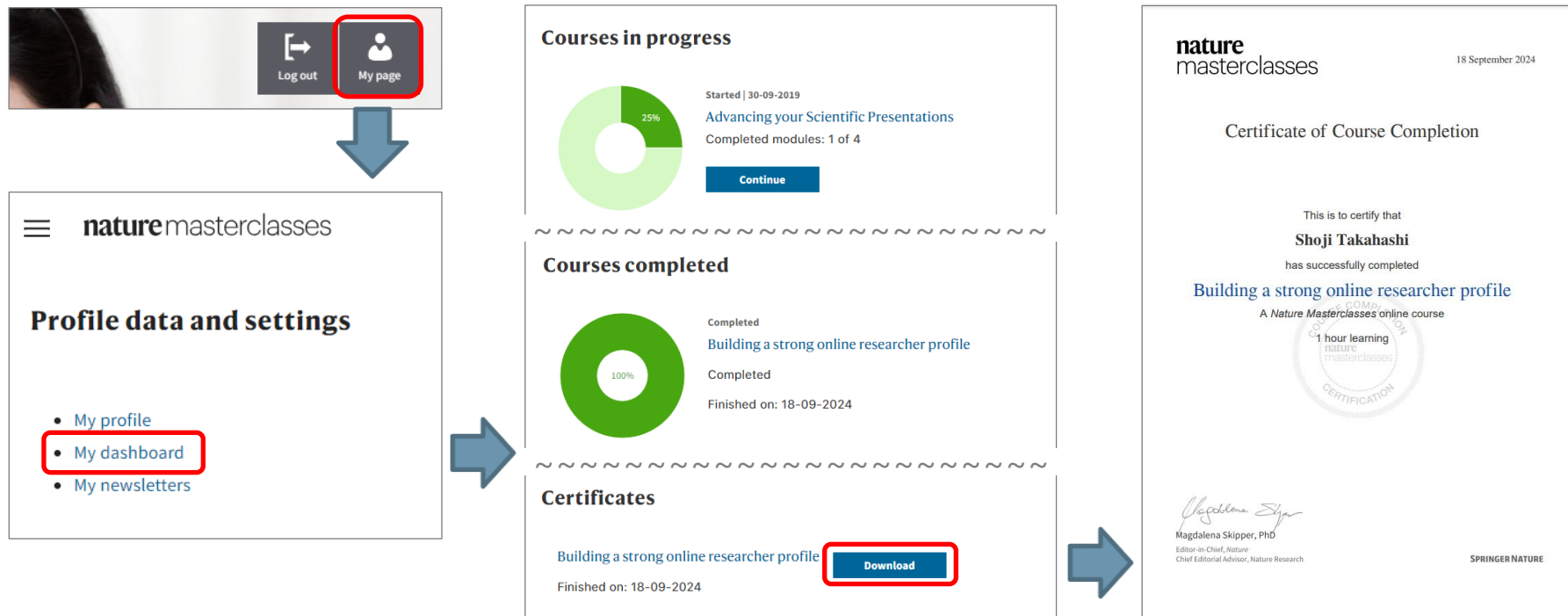
CERTIFICATION

Magdalena Skipper, PhD
Editor-in-Chief, Nature
Chief Editorial Advisor, Nature Research

SPRINGER NATURE

View your dashboard

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



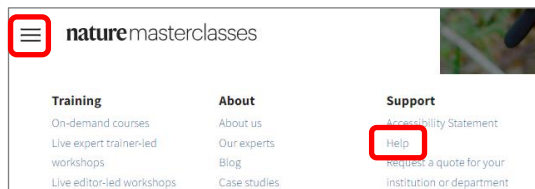
4

Help and FAQ

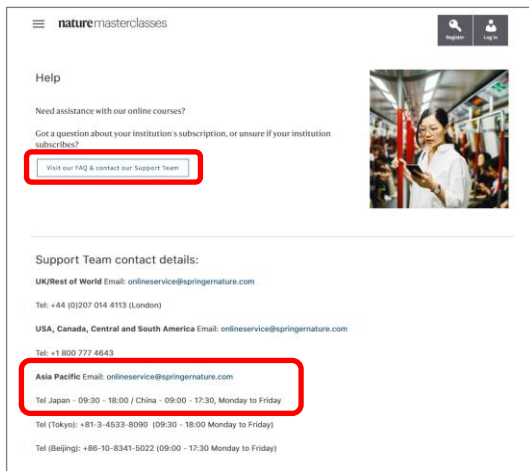
Help and FAQ

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.

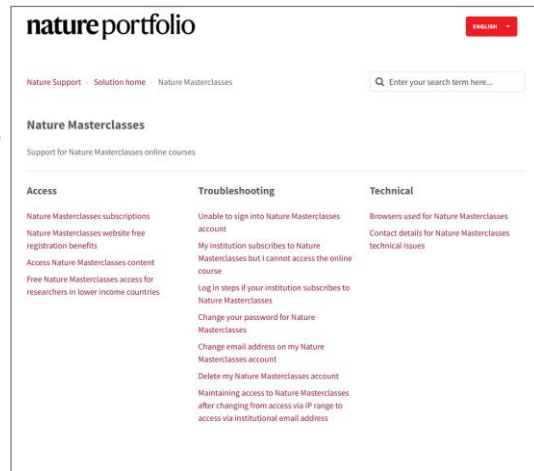
Select “Help” from the menu.



Customer Support



FAQ



Customer Support
(English)

Email: onlineservice@springernature.com

Tel: +81-3-4533-8090