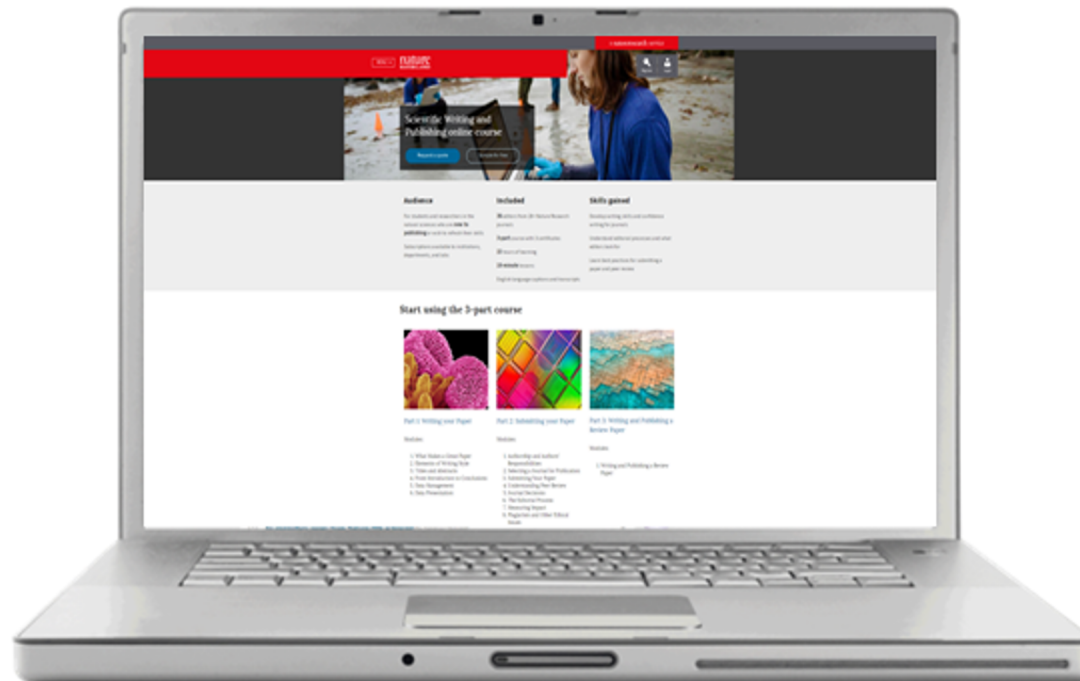


Welcome to *Nature Masterclasses*



Agenda

- 1 What is Nature Masterclasses?
- 2 Getting started
- 3 How to use the course
- 4 Additional features
- 5 Q&A

What is Nature Masterclasses?

1.0

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The origins of Nature Masterclasses



Face-to-face workshops established in 2011



Online course
published 2015

Nature Masterclasses online training in Scientific Writing and Publishing

Scientific Writing and Publishing training

3 part course with 3 certificates

 Short engaging lessons

 1-5 minute videos

 Learning activities

For a spare 5 minutes in the lab!

Skills gained

Develop writing skills and confidence writing for journals

Understand editorial processes and what editors look for

Learn best practices for submitting a paper and peer review

Delivered by Nature journal editors

36 editors from 20+

**Nature Research
journals**

offer a unique
perspective and
insights



Delivered by Nature journal editors

- All course content authored and peer reviewed by Nature journals editors
- Learn practical techniques direct from the editors for developing your scientific writing skills



Comprehensive course: 15 modules

Part 1: Writing a Research Paper

1. What Makes a Great Paper (75 min)
2. Elements of Writing Style (30 min)
3. Titles & Abstracts (60 min)
4. From Introduction to Conclusion (60 min)
5. Data Management (75 min)
6. Data Presentation (75 min)



Part 2: Publishing a Research Paper

1. Authorship & Authors' Responsibilities (60 min)
2. Selecting a Journal for Publication (45 min)
3. Submitting Your Paper (45 min)
4. Understanding Peer Review (90 min)
5. Journal Decisions (60 min)
6. The Editorial Process (30 min)
7. Measuring Impact (45 min)
8. Plagiarism & Other Ethical Issues (60 min)



Part 3: Writing and Publishing a Review Paper

1. Writing and Publishing a Review Paper (90 mins)

Getting started

2.0

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Your access

Course access via ‘Single Sign-On’:

Visit the website, head to the ‘Login’ page, and click ‘select your institution’

Log in using your...

Personal account

Email address

Password

[Forgot your password?](#)

☒ Remember Me

Login

Log in with an **institutional account** using your institution's login credentials



Select your institution

Your access

- On the Institutional Login page, **select your institution**
- Log in using your **normal institutional login details**.

Institutional Login

 Personal account
  Institutional account

If your institution subscribes via single sign-on, please search for your institution below and sign in on your institution's login page.

If your institution subscribes but isn't searchable below, your institution may have access via its IP range. Please connect to your institution's internet to be within their IP range and register/log in on Nature Masterclasses.

Please choose your institution and log in using your **institutional credentials**.

Organizations

Filter list by institution name

Georgetown University	Emory University	Deakin University
The Pirbright Institute	International Livestock Research Institute	King's College London
University of Texas at Tyler	Queen's University Belfast	Northumbria University
University College London	Technical University Munich	Western Sydney University (Staff)
University College Cork	Federation University Australia	Western Sydney University (Student)



Northumbria University
NEWCASTLE

Enter your Northumbria Username and Password

Sign in

☐ I agree to abide by the [service conditions](#).

Your access

- You will be redirected to *Nature Masterclasses*, asked to enter your email address, and prompted to check your inbox to verify your email address.
- This step only needs to be done once, when you log in for the first time

Logged in
 You have successfully logged in.

Please enter your email address

* denotes mandatory fields

Please enter your email address to access Nature Masterclasses.

* email address

By clicking 'send' 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](#).

☐ * Yes, I accept the privacy policy

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

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Sender: onlineservice@springernature.com

Dear

Please click on the following link to verify your email address.

[Verify your email address](#)

If the link does not work, please copy following link into your browser <https://masterclasses.nature.com/myprofile-email/change/5d9dd33f0b0000716ae5db86>

Kind regards,
Your Customer Service Center

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

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

Course access after login

You can now navigate to the course. Select the menu icon, and then click on the course name.



Online Courses

- Scientific Writing and Publishing
- Effective Collaboration in Research
- Focus on Peer Review

Training Events

- Workshops
- Webinars

About

- About us
- Our experts
- Blog
- Case studies

Support

- Help
- Buy training for your Institution
- Promotional resources
- Additional services

Accessing the course for the first time

As a final step of you logging in for the first time, you will be asked to complete your profile before proceeding to the course.

The profile page will come up when you start your first module for the first time:

FINAL STEP: Simply complete your profile to gain instant access to the course

* denotes mandatory fields

* First name

* Last name

* Job Title

* Discipline

* Country

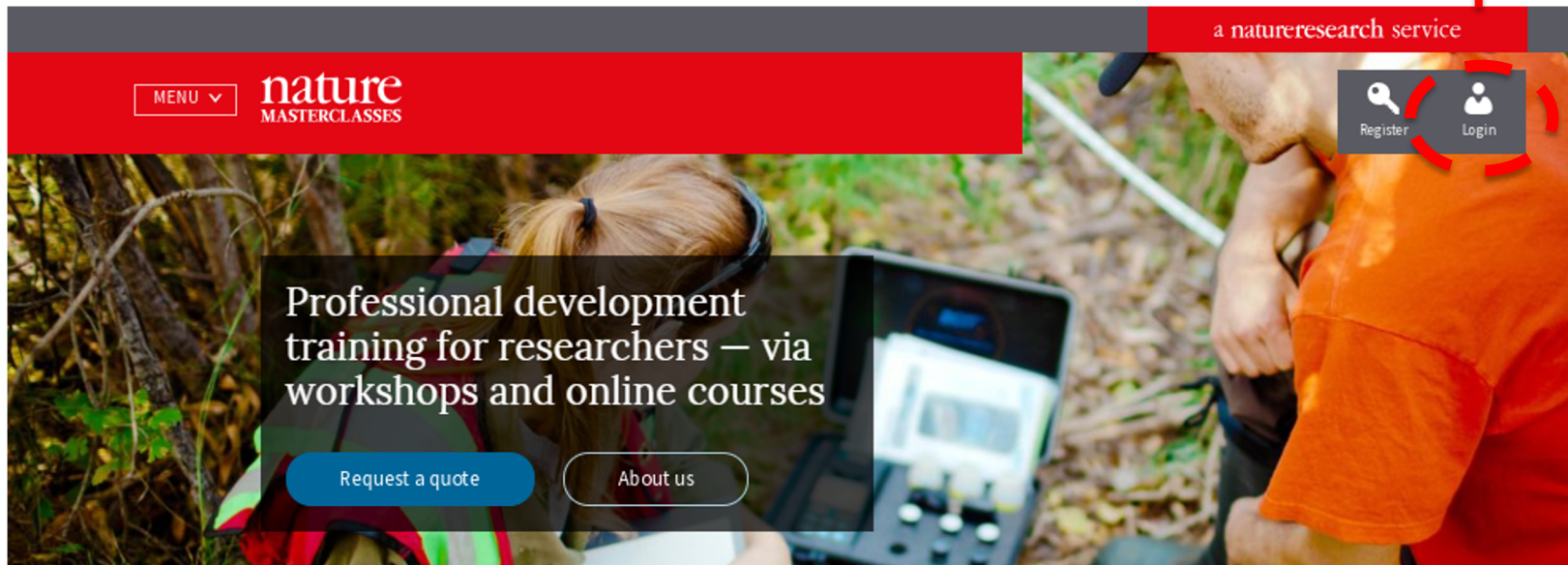
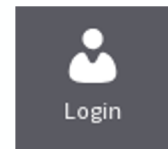
* Institution

submit

Sign in for future visits

Go to <https://masterclasses.nature.com>

Click **Login**



Account settings

In your **My page** you can:

- Edit your personal data
- View your dashboard

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Logout My page

Profile data and settings

- My profile
- My dashboard

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Personal data
Edit

First name

Last name

Country

My email

Email

Occupational data
Edit

Field of Study

Job Title

Educational Institution

How to use the course

3.0

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How to enter the course

Once you're signed in, visit the course by clicking on the menu icon and then selecting the course.



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Subscribe

Sample for free

For students and researchers in the natural sciences who are **new to publishing** or wish to refresh their skills

Subscriptions available to institutions,
departments, and labs

3-part course with 3 certificates

36 editors from 20+ Nature Research journals

11 hours of learning

10-minute lessons

English language captions and transcripts

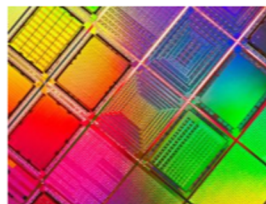
Develop writing skills and confidence
writing for journals

Understand editorial processes and what editors look for

Learn best practices for submitting a paper and peer review

Part 1: Writing a Research Paper

1. What makes a great paper?
2. Elements of writing style
3. Titles and abstracts
4. From introduction to conclusion
5. Data management
6. Data presentation



Part 2: Publishing a Research Paper

1. Authorship and authors' responsibilities
2. Selecting a journal for publication
3. Submitting your paper
4. Understanding peer review
5. Journal decisions
6. The editorial process
7. Measuring impact
8. Plagiarism and other ethical issues

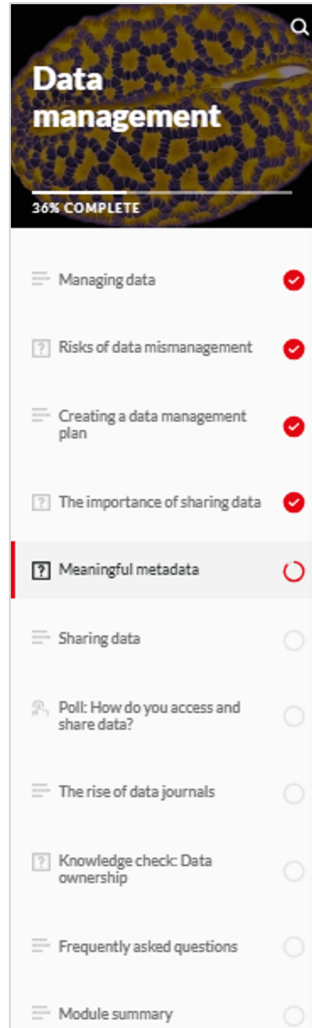


Part 3: Writing and Publishing a Review Paper

1. Writing and publishing a review paper

Course content

- Lessons contain videos, posts and activities
- Progress indicators show you the lessons you've completed



Data management

36% COMPLETE

- Managing data ✓
- Risks of data mismanagement ✓
- Creating a data management plan ✓
- The importance of sharing data ✓
- Meaningful metadata** ○
- Sharing data ○
- Poll: How do you access and share data? ○
- The rise of data journals ○
- Knowledge check: Data ownership ○
- Frequently asked questions ○
- Module summary ○

Knowledge check: Useful data layout

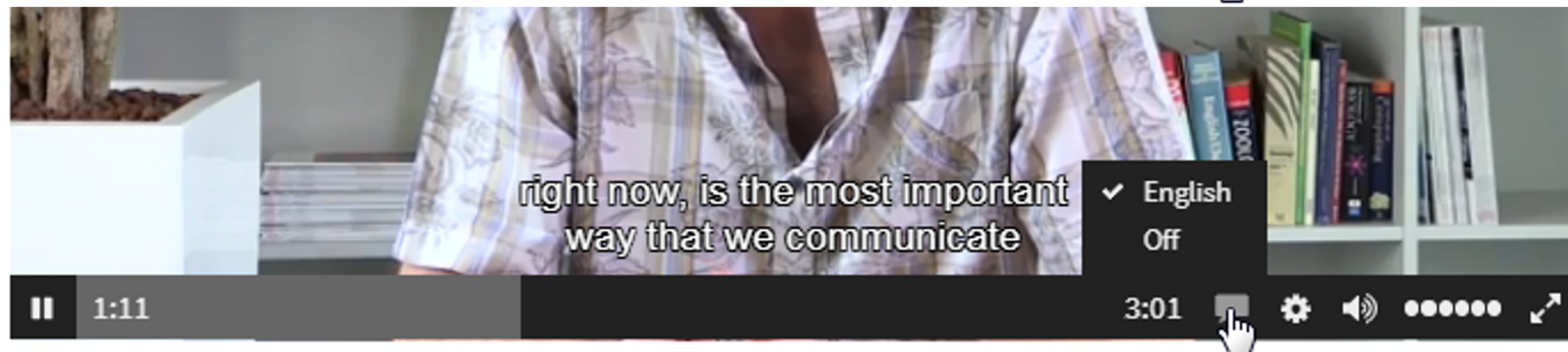
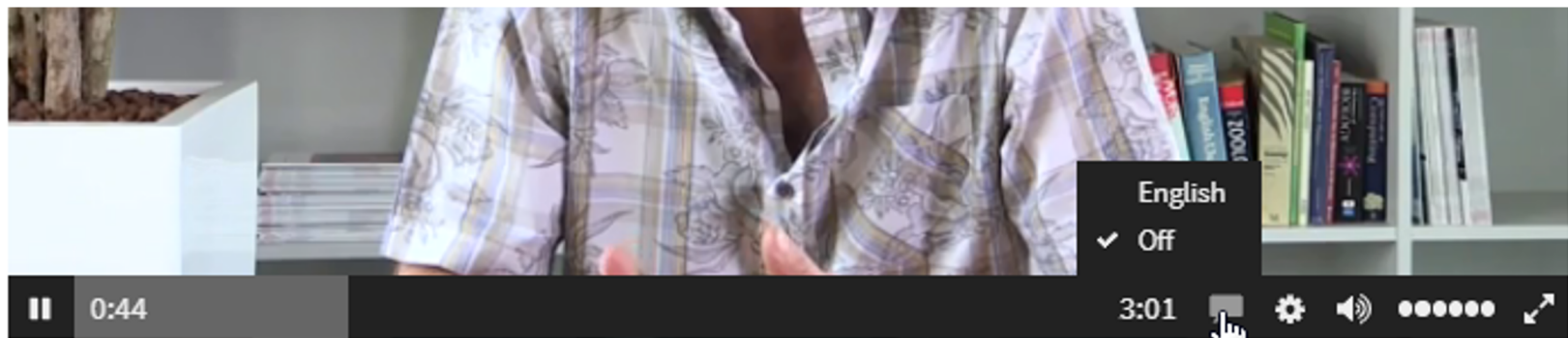
What are the problems with the data and associated metadata presented here? Select the six correct answers from the list of options.

S1 Sh.cuo – Amiga Sheets				
	A	B	C	D
1	Means	Ct	T	
2		Day 0		
3	Sodium	139	142	
4	Potassium	3.3	4.8	
5	Chloride	100	108	
6	BUN	18	18	
7	Creatine	1.2	1.2	
8	Uric acid	5.5*	6.2*	

- ☐ Obscure file type 'cuo'
- ☐ Lack of units
- ☐ More than one piece of data per cell
- ☐ Unclear formatting
- ☐ Abbreviated headers

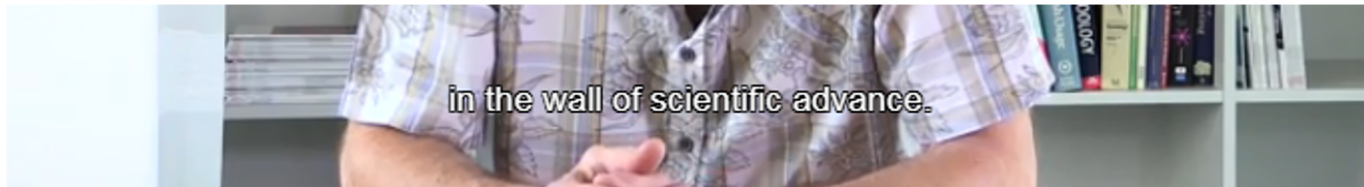
Captions and transcripts on videos

To turn on English subtitles on videos, select the dialogue box icon



Captions and transcripts on videos

English transcripts are located underneath videos:



→ **Video transcript**

Publication is really important to a scientist, because it's the way that you get to tell the world what you've done, and what you think it means. If you spent your entire time in your lab doing research, getting lovely data, having very clever ideas about what it means, but never told anyone, you'd be completely wasting your time. Science exists, it progresses, by one set of work being built upon somebody else's, so it's really important that you communicate your science.

Ways of using the course

- 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.

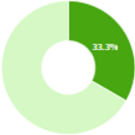




Dip into videos that look interesting, read content created by editors whose style you like, or who work in your field, and undertake activities that will challenge you.

Track your progress

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Courses in progress

	Started 01-05-2019 Part 1: Writing a research paper Completed modules: 2 of 6 Continue
	Started 01-05-2019 Part 2: Publishing a research paper Completed modules: 0 of 8 Continue
	Started 01-05-2019 Part 3: Writing and publishing a review paper Completed modules: 0 of 1 Continue
	Started 01-05-2019 Focus on Peer Review Completed modules: 0 of 4 Continue
	Started 01-05-2019 Scientific Writing and Publishing Sample Module Completed modules: 0 of 1 Continue



- My profile
- My dashboard

Track your progress

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COURSE

Part 2: Publishing a research paper

Scientific Writing and Publishing

8 Modules

Duration: 5h30

Part 2 of the Scientific Writing and Publishing course focuses on how to submit your research paper and gives a comprehensive overview of the editorial and publishing process.

What you'll learn

- What makes a great review paper
- How to plan, structure and write a review – and create a clear and compelling story supported by relevant citations
- How to referee a review paper

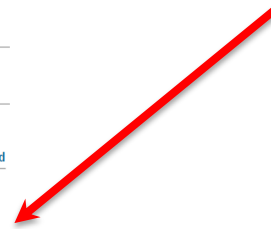
Your Progress

[» Dashboard](#)

Completed modules: 1 of 8

RELATED COURSES

Your course progress will also be visible on the **course part page**



My dashboard

- Shows progress within modules
- Certificate unlocked after completing 100% of the course

Courses in progress



Started | 01-05-2019

Scientific Writing and Publishing Sample Module

Completed modules: 0 of 1

Continue

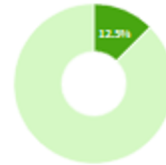


Started | 01-05-2019

Part 3: Writing and publishing a review paper

Completed modules: 0 of 1

Continue



Started | 01-05-2019

Part 2: Publishing a research paper

Completed modules: 1 of 8

Continue



Started | 01-05-2019

Focus on Peer Review

Completed modules: 0 of 4

Continue

Courses completed



Completed

Part 1: Writing a research paper

Completed

Finished on: 11-06-2019

Certificates

Part 1: Writing a research paper

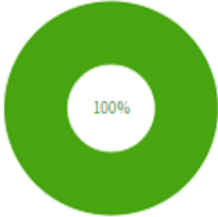
Finished on: 11-06-2019

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Certificates


Download certificates from the course part overview page

Your Progress » [Dashboard](#)



Completed modules: 6 of 6

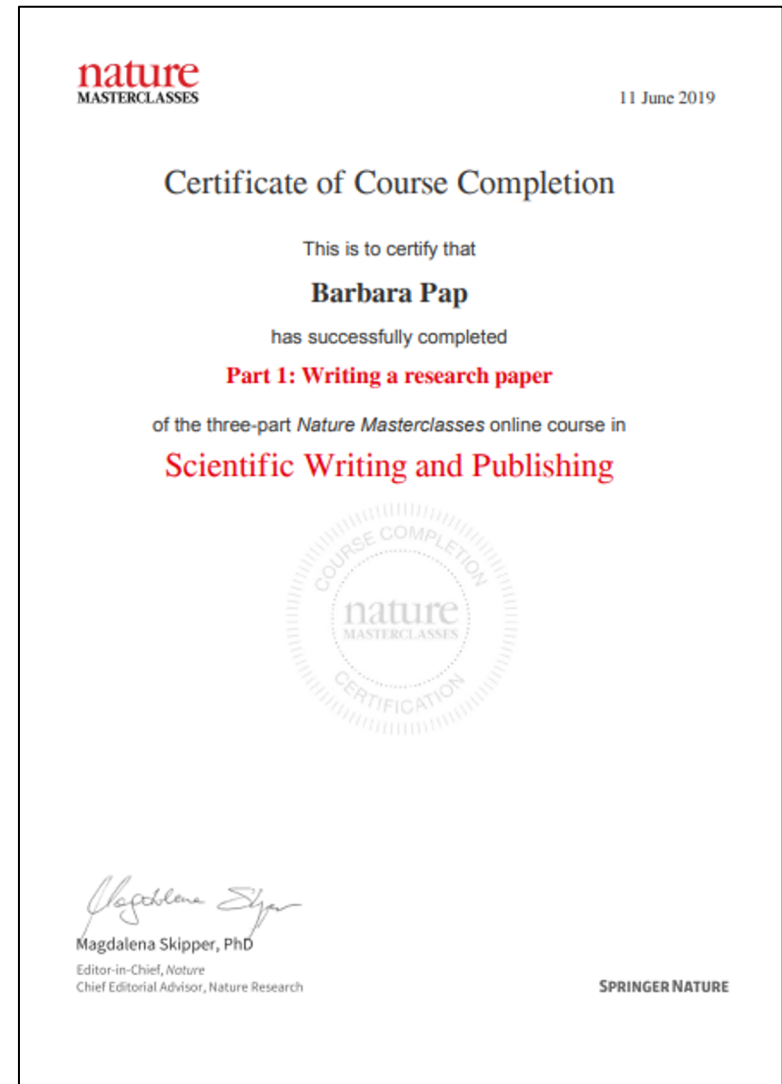
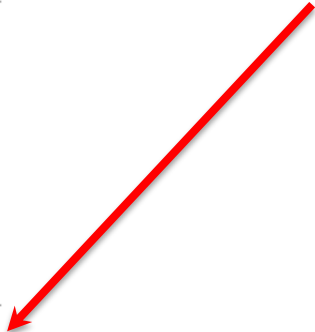
DOWNLOADS

[Certificate](#) 

RELATED COURSES

Part 2: Publishing a research paper

Part 3: Writing and publishing a review paper




Additional features

4.0

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The blog area

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Thinking about... Selecting a journal

Given the vast numbers of scientific journals out there, it can be hard to decide to which journal you should submit. Read on for tips on how to select the right journal for publishing your paper.



Make the most of the Scientific Writing and Publishing course

Rather than working through the Scientific Writing and Publishing course modules in order, you may prefer to jump to where you are in the publishing process.



Becoming a scientific editor

John Plummer, Senior Editor at Nature Materials, explains his motivations for becoming an editor, and outlines the key skills needed to pursue a career at a scientific journal.

User tips

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Meet our editors



World-leading expertise

Our online courses, workshops, and webinars are taught by Nature Research **journal editors**, **experienced researchers**, and **industry leaders**.

These experts offer real insight and practical techniques to help researchers achieve career and research goals.



Scientific Writing and Publishing course

In our Scientific Writing and Publishing course, a panel of Nature Research journal editors offer real insight into how to publish in top journals.

Featured experts



Iulia Georgescu
Chief Editor, Nature Reviews Physics



Nicky Dean
Chief Editor, Nature Energy



Irene Jarchum
Associate Editor, Nature Biotechnology



Leonie Mueck
Former Senior Editor Physical Sciences, Nature

See all experts for the Scientific Writing and Publishing course

[View all experts](#)

Free course: Focus on Peer Review



[Focus on Peer Review](#)

Learn the foundations of good peer review

Free-to-access

A comprehensive and practical overview focussing on:

- The responsibilities of peer reviewers
- How to prepare a peer review report
- The ethics of peer review
- Innovations in different types of peer review.

Visit our FAQ page

If you experience any technical issues, visit our Help page, which includes our Customer Service contact details.

Nature Masterclasses

Support for Nature Masterclasses which are online courses, workshops and webinars delivered by Nature Research journal editors.

Access	Troubleshooting	Technical
What is included in a Nature Masterclasses subscription?	My institution subscribes to Nature Masterclasses but I cannot access the online course	What browser should I use for Nature Masterclasses?
Who can subscribe to Nature Masterclasses?	Steps for logging in if your institution subscribes to Nature Masterclasses	If I have technical issues with Nature Masterclasses, who should I contact?
Can I subscribe to Nature Masterclasses as an individual?	I cannot sign in – what else can I do?	
What do I get if I register for free to the Nature Masterclasses website?	How can I change my password for Nature Masterclasses?	

Q&A

5.0

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Q&A

**Any
questions
so far?**

Why not start now?

- Get started after the presentation:
<https://masterclasses.nature.com/>
- Remember, do not register on the Nature Masterclasses website; go directly to the Login page

We hope you enjoy using Nature Masterclasses!