Teaching support @ NTU Library

NTU Library T.E.A.C.H.

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Office of Information, Knowledge & Library Services

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Library Help & Teaching Support

Find out more about Library services to support teaching, including how we can offer tailored library workshops that are embedded in your courses.

Teaching Support Services:

• Tools: OneSearch, Databases, LibGuides, Browzine, LibGenie, LibBookmark
• NTU CourseReserves in NTULearn
• Book / Journal / Database recommendation
• InterLibraryLoan / DocDel (article requests) / BookPaging
• Request for a TopicGuide / CourseGuide / CourseBlog

• **User Education:** Library Briefings and Library Instructional Workshops
Supporting Student Learning

- Learning journey
- Programme-based library workshops
- Literature review and resources workshop
- Library Engage 2025 goals
- Catalogue of library workshops
- Embedding library workshops
NTU Library Learning Journey with Undergraduates: A Framework

Year of Study

Skills & Knowledge

- Equipping students for Coursework Assignments
- Introducing students to Discipline-Specific Information
- Supporting students in Academic Research
- Preparing students for Internship, Attachment & Career

Information & Media Literacy
- Database & Information Searching (I)
- Citation & Plagiarism
- Copyright Awareness
- Reading Strategies

Database & Information Searching (II)
- Citation in Different Disciplines
- Academic Research (I)
- Academic Research (II)

Networking
- Copyright for Authors
- Communication
- Industry & Company Information Searching

Online Guides
Interactive eLearning
Group Workshops
Consultations

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Self-Directed

- Information and Media Literacy Course in NTULearn
- NTU LibFAQ
- LibGuides:
  - Subject / Topic / Course / How-to guides
Individual / Small Group Consultation

• Ask A Librarian
• Get Expert Advice
• Research Consultation
• Literature Search Consultation
• Systematic Search Service (WIP - to be offered in NTU Main Campus in partnership with LKC Medical Library)
Large Group Instructional Session

• In collaboration with faculty / learning partners
• Customised library briefing / instructional workshop / talks
  – Programme / Course-based
  – Subject / Topic-based
  – Activity-based
• LTs / TRs / Webinar / NTULearn / Libraries
# Programme-based Library Workshops: URECA

<table>
<thead>
<tr>
<th>First-year URECA students</th>
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<tbody>
<tr>
<td>1. Literature review &amp; search techniques</td>
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<tr>
<td>2. Visualising research data &amp; data analytics</td>
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<td>3. Communicating research: poster design</td>
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<table>
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<tr>
<th>Second-year URECA students</th>
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<tbody>
<tr>
<td>1. Data visualisation with Tableau</td>
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<td>2. Cleaning data with OpenRefine</td>
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<td>3. Communicate your research using video abstracts</td>
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Literature Review & Search Techniques

• Research as Inquiry – Research Mindset – Research Cycle
• Literature Review – Purpose – Process

• Information Sources – Information Types – Research Tools

• Search Techniques – Block Building – Citation Searching

• Content Analysis – Evaluating Information – Organising Content – Summarising

• Writing Literature Review – Academic Integrity – Citing Sources

• Assessment – Q&A - Quiz
Engage 2025 plan
Library user education goals: Future-Ready skills

• 21st century skills – career ready, transferrable skills
  • Technical & information management
  • Communication & collaboration
  • Creativity, critical thinking & problem solving
  • Cultural & ethical awareness
  • Flexibility, self-direction & lifelong learning

• Digital literacy skills
• Research skills
• Information literacy skills
# Catalogue of Library Workshops

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<thead>
<tr>
<th>Track</th>
<th>Current</th>
<th>Proposing</th>
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<tr>
<td>Library Research</td>
<td>• Humanities and Social Sciences Research Resources</td>
<td>• Writing a Good Abstract for a Research Paper</td>
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<td>• Business Research Resources</td>
<td>• From Good to Great Business Reports</td>
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<td></td>
<td>• Science Research Resources</td>
<td>• News Literacy</td>
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<td>• Engineering Research Resources</td>
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<td></td>
<td>• News Resources</td>
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<tr>
<td>Information Literacy</td>
<td>• Literature Review and Search Techniques</td>
<td>• Introduction to Copyright and IP</td>
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<td></td>
<td>• Picture Perfect: Finding &amp; Using Images for Your Projects</td>
<td>• Understanding Systematic Review</td>
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<td>• Introduction to Reference Managers</td>
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<td></td>
<td>• Introduction to Latex (typesetting tools)</td>
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<tr>
<td>Productivity</td>
<td>• Keeping up-to-date with Latest Research</td>
<td>• Introduction to Project Management</td>
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<td>• Keeping up-to-date with Latest Journal Articles Using Browzine</td>
<td>• Introduction to UX User Experience</td>
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<td>• Cleaning Messy Data with OpenRefine</td>
<td>• Applying Advanced Data Visualisation Techniques with Tableau &amp; Excel</td>
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<td></td>
<td>• Effective Data Visualisation : Making Your Data More Interesting</td>
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<td>• Getting Started with Machine Learning in 60mins</td>
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<td></td>
<td>• An Introduction to Python Programming</td>
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<td>Scholarly communication</td>
<td>• DR-NTU (Data) &amp; Data Management Plan Writing Workshop</td>
<td>• Citation Report Generation for Faculty and Researchers</td>
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<td>• ORCID – Tips on Setting Up and Populating Your ORCID Record</td>
<td>• Online Publishing Support for Faculty and Researchers</td>
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<td>• 10 Ways to Boost the Visibility of Your Research</td>
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<td>Creativity</td>
<td>• Designing Infographic: Visualising Data with Canva</td>
<td>• Creative Problem Solving with Design Thinking</td>
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<td>• Telling Stories with StoryMapJS</td>
<td>• Create Graphics and Animation in PowerPoint</td>
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<td>• Digital Storytelling : Create Your Own Video Abstracts</td>
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<td>• Fundamentals of Design for Communicating Research</td>
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Embedding Library Workshops

• Open invitation to faculty to collaborate and embed library workshops into their courses
• Faculty can connect with us via Ask A Librarian or Email to library@ntu.edu.sg