



**NANYANG
TECHNOLOGICAL
UNIVERSITY**
SINGAPORE

Teaching support @ NTU Library

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

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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 



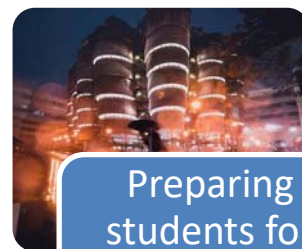
Equipping students for Coursework Assignments



Introducing students to Discipline-Specific Information





















Supporting students in Academic Research



Preparing students for Internship, Attachment & Career

Skills & Knowledge

- 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)   
- Copyright for Authors   
- Communication   

- Networking   
- Industry & Company Information Searching   

 Online Guides
  Interactive eLearning
 Group Workshops
  Consultations



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

First-year URECA students

1. Literature review & search techniques
2. Visualising research data & data analytics
3. Communicating research: poster design

Second-year URECA students

1. Data visualisation with Tableau
2. Cleaning data with OpenRefine
3. Communicate your research using video abstracts



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

Track	Current	Proposing
Library Research	<ul style="list-style-type: none"> • Humanities and Social Sciences Research Resources • Business Research Resources • Science Research Resources • Engineering Research Resources • News Resources 	<ul style="list-style-type: none"> • <i>Writing a Good Abstract for a Research Paper</i> • <i>From Good to Great Business Reports</i> • <i>News Literacy</i>
Information Literacy	<ul style="list-style-type: none"> • Literature Review and Search Techniques • Picture Perfect: Finding & Using Images for Your Projects • Introduction to Reference Managers • Introduction to Latex (typesetting tools) 	<ul style="list-style-type: none"> • <i>Introduction to Copyright and IP</i> • <i>Understanding Systematic Review</i>
Productivity	<ul style="list-style-type: none"> • Keeping up-to-date with Latest Research • Keeping up-to-date with Latest Journal Articles Using Browzine 	<ul style="list-style-type: none"> • <i>Introduction to Project Management</i> • <i>Introduction to UX User Experience</i>



Catalogue of Library Workshops

Track	Current	Proposing
Data Literacy & Machine Learning	<ul style="list-style-type: none"> • Cleaning Messy Data with OpenRefine • Effective Data Visualisation : Making Your Data More Interesting • Getting Started with Machine Learning in 60mins • An Introduction to Python Programming 	<ul style="list-style-type: none"> • <i>Applying Advanced Data Visualisation Techniques with Tableau & Excel</i>
Scholarly communication	<ul style="list-style-type: none"> • DR-NTU (Data) & Data Management Plan Writing Workshop • ORCID – Tips on Setting Up and Populating Your ORCID Record • 10 Ways to Boost the Visibility of Your Research 	<ul style="list-style-type: none"> • <i>Citation Report Generation for Faculty and Researchers</i> • <i>Online Publishing Support for Faculty and Researchers</i>
Creativity	<ul style="list-style-type: none"> • Designing Infographic: Visualising Data with Canva • Telling Stories with StoryMapJS • Digital Storytelling : Create Your Own Video Abstracts • Fundamentals of Design for Communicating Research 	<ul style="list-style-type: none"> • <i>Creative Problem Solving with Design Thinking</i> • <i>Create Graphics and Animation in PowerPoint</i>



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



Q&A

