

Futureproofing Libraries Through Digital Innovation and Sustainability

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Universiti Brunei Darussalam
“Futuring Together”

Universiti Brunei Darussalam



QUICK FACTS



Est.
1985



ENG



World
University
Rankings
2023 T0P 350



World University
Rankings 2023
Asia

Academic Faculties

9

APB Academy of Brunei Studies
FASS Faculty of Arts and Social Sciences
UBDSBE UBD School of Business and Economics
FOS Faculty of Science
FIT Faculty of Integrated Technologies
IPS Institute of Policy Studies
SHBIE Sultan Hassanal Bolkiah Institute of Education
PAPRSB IHS PAPRSB Institute of Health Sciences
SDS School of Digital Science

Research Institutes

7

CAMES Centre for Advanced Material and Energy Sciences
CARE Centre for Advanced Research
IADA Institute of Applied Data and Analytics
IAS Institute of Asian Studies
IBER Institute for Biodiversity and Environmental Research
ILIA Institute for Leadership, Innovation and Advancement
SOASCIS Sultan Omar 'Ali Saifuddin Centre for Islamic Studies

Service Faculties

C3L Centre for Lifelong Learning
LC Language Centre



تارھون
کسمفورنآن
إنسان
YEARS
OF HUMAN
EXCELLENCE
1985 - 2025



Learner First



Elevate



Agent of Change



One UBD

UBD We
LEAD
the way

Uninversi Brunei Darussalam Library



- 47 library staff
- 1 Central Library with 500+ seats
- Systems:
Koha,
Digital Repository,
Sustainability Mapping
Guided by
UBD Sustainability Masterplan
2024-2030





PILLAR I

Driving Innovation through Sustainability Research

We're exploring cutting-edge research to add to global knowledge on sustainability, sparking innovation and creating solutions based on evidence.



PILLAR II

Cultivating Sustainability Champions through Transformative Education

By enhancing our curriculum and providing hands-on learning, we're arming students with the tools and perspectives to be positive changemakers.



PILLAR III

Futuring Sustainability through Green Campus

We're making our mark with sustainable practices in our physical space, aiming to minimise our environmental footprint and use resources wisely.



PILLAR IV

Sustainable Stewardship through Visionary Governance

We're committed to transparent and ethical practices, ensuring that sustainability is the heartbeat of UBD, and we're holding ourselves accountable.



PILLAR V

Empowering Sustainable & Resilient Communities through Engagement and Partnership

We're not keeping the goodness to ourselves. UBD is reaching out to local and global communities, teaming up for partnerships and initiatives that spread the benefits of sustainability far and wide.



Sustainability Masterplan

Sustainability Starts Here



Sustainability Research (Pillar I)



Enhanced open access through UBD Digital Repository



Exploring AI-assisted metadata automation and discovery services



Investigating research data management and preservation solutions



Transformative Education (Pillar 2)



Digital Literacy Focus:
Research skills workshops covering citation
tools

AI readiness training for staff (Ongoing)

Lifelong Learning Direction

Assistive technology for inclusive education

Green Campus Infrastructure (Pillar III)

Green Initiatives:

- LED retrofits completed (2023)
- Solar energy integration
- EV shuttle routes implemented (2024)
- Comprehensive recycling programs
- Green procurement policies

Digital Sustainability:

- Paperless notification systems
- FAIR principles implementation



- Long-term digital preservation strategies

Sustainable Stewardship (Pillar IV)

Smart Library Management

- Audits
- ISO 9001:2015
- Sustainable Procurement
- Data-driven performance management
- Organizational redesign

Removing Unsustainable Barriers,
Digital Solutions for
Responsible Stewardship.



Community & Partnerships (Pillar V)



Partnership Initiatives:

- Corporate Communication unit
- Planning LIS Degree partnership with Brunei Library Association (NGOs)
- Planning Borneo Libraries Network development

Challenges



STAFF
SUSTAINABILITY
AND
AI LITERACY
GAPS



BUDGET
CONSTRAINTS
FOR
TECHNOLOGY
UPGRADES



UBD STRATEGIC
PLAN FOR
2025–2030
ALIGNMENT



RELEVANCY
SCARE

Strategic Opportunities

- Leveraging Digital Transformation
- Developing programs
Awareness: AI, Industry 5.0
- Library Competency Assessment
- Knowledge Sharing



Implementation Roadmap

2025

Continue AI/SDG
training for library
staff

Organization
Restructuring

Competency
Establishment

Strategic Plan
Alignment

2026-2027

DOI/ISSN
implémentation

Borneo Libraries
Network
partnerships

Enhance digitization

Develop
sustainability
metrics

Success Indicator

Staff digital literacy
proficiency rates

Research output
visibility through
DOI implementation

Partnership
agreements
established

Sustainability
benchmark
achievements

The Path Forward

Libraries Connect
Technology Transform
Community Sustains

THANK YOU

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