

'From Desktop to Doco...'

the increasing use of video in the digital classroom



JAMES COOK UNIVERSITY



1 University



4698 Staff (2067 FTE)



2 Countries



230 courses / 2200 subjects



3 Tropical Locations



Innovative Research University



21,927 students



Graduate Job success (2011-17)

Townsville

Since 2009 JCU has invested \$446m in completed and planned building projects in Townsville, an increase of \$105.3m since 2012



The Verandah Walkway

Biology and Chemistry Superlabs



Cairns

Since 2009 JCU has invested \$205m in completed and planned building projects in Cairns, an increase of \$68.5m since 2012



Australian Institute of Tropical Health and Medicine

John Grey Hall of Residence



Singapore

Established 2003
Fully accredited in
Singapore

Business, IT, Psychology
Education, Accounting
Arts, Aquaculture
Environmental Science
Games Design, Tourism
And Hospitality



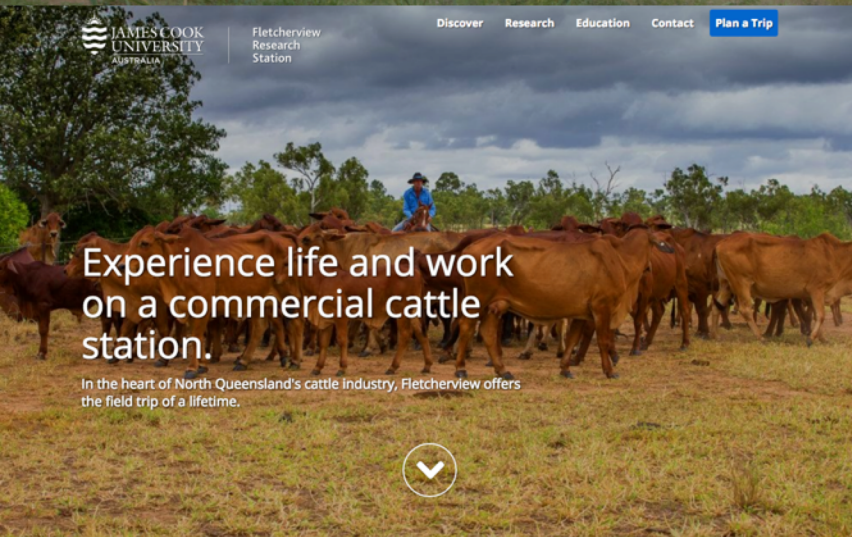



Study centres

Four other study centres in Brisbane, Mackay, Mt Isa and on Thursday Island



Research Stations and observatories

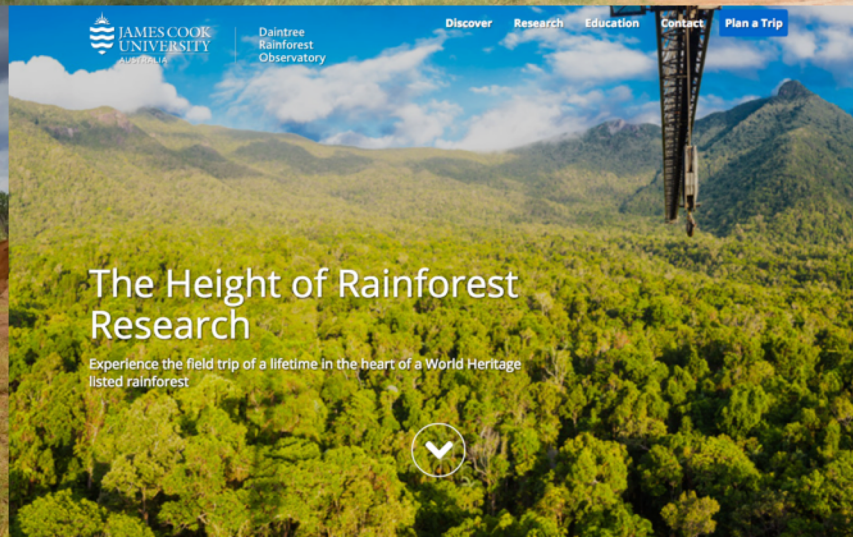




 Fletcherview
Research
Station

Discover Research Education Contact [Plan a Trip](#)

Experience life and work on a commercial cattle station.

In the heart of North Queensland's cattle industry, Fletcherview offers
the field trip of a lifetime.

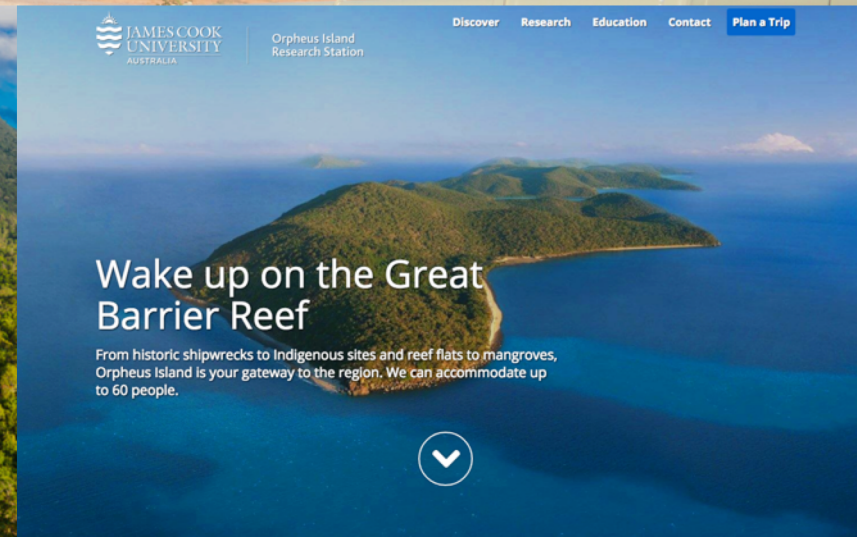




 Daintree
Rainforest
Observatory

Discover Research Education Contact [Plan a Trip](#)

The Height of Rainforest Research

Experience the field trip of a lifetime in the heart of a World Heritage
listed rainforest




 Orpheus Island
Research Station

Discover Research Education Contact [Plan a Trip](#)

Wake up on the Great Barrier Reef

From historic shipwrecks to Indigenous sites and reef flats to mangroves,
Orpheus Island is your gateway to the region. We can accommodate up
to 60 people.



MEDIASITE at JCU



52x Devices

45x RL 120/220

2x RL 720

1x RL 940

2x Minis/ 2x Spares



16x Lecture Theatres (5Lg/11Sml)

20x Flexible Learning (18Lg/2Sml)

5x Specialist Learning Spaces

1x Peer to Peer and Social

3x Small Group Teaching Spaces



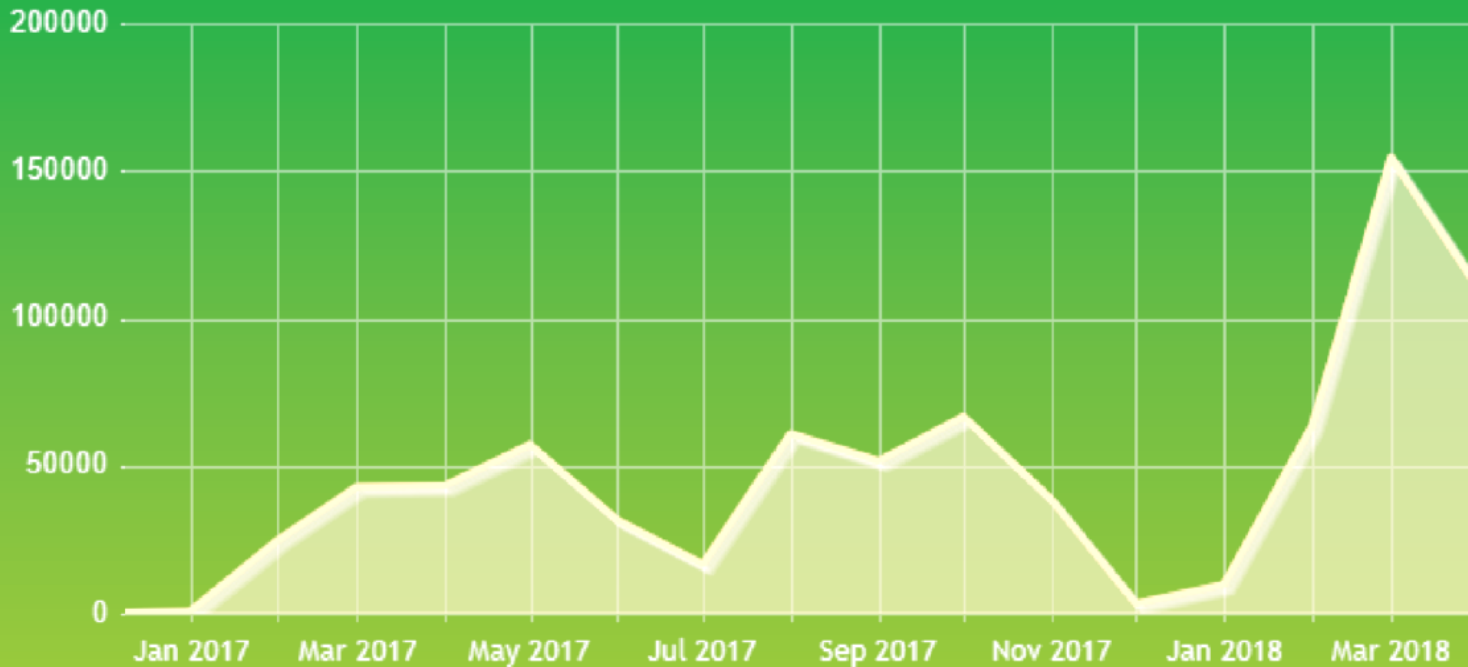




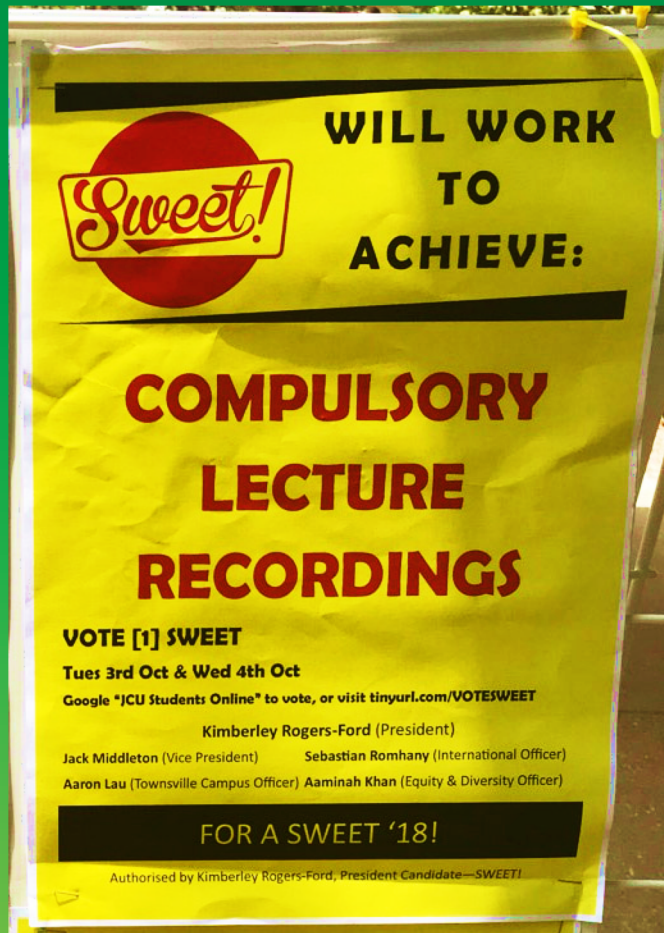


MEDIASITE USAGE 2017/18

Views by Month



- Total storage used: 14.20TB
- 34,006 total presentations
 - 21,023 recorded with devices
 - 12,983 recorded with MDR
- 153636:49:15 Total Watched
- 880,971 views



Student Association Poster Campaign
Feb 2018

Student expectations

- Demand for lecture capture at JCU is ever increasing
- At The University of Manchester in the UK where over 42,000 lectures (80% of total lectures) have been captured, 95% of students still want to see the system used more widely

Davies, S. Mullan, J. Feldman, P. (2017). Rebooting learning for the digital age: What next for technology- enhanced higher education?

- Learners on the whole do not believe that the use of lecture capture makes them less likely to attend class. Fewer than 10% of ACL and skills and FE learners believe this, in comparison with 16% of HE learners

Newman, T. Beetham, H. (2017). JISC Student digital experience tracker 2017: the voice of 22,000 UK learners"

New 5yr University & Academic Plans

Opportunity

Beginning of a new
5yr University and
Academic Plan

Digitally Enabled

Our aim is to
successfully exploit
digital technologies for
growth, for inspiring
digital experiences, and
for improving
productivity and
efficiency.



JCU SHOWCASE

Mediasite

An example of how rapidly new technology can be embraced and adopted by our students. Student views of recorded lectures numbered over 200,000 this semester alone, during which we recorded more lectures than in the last 5 years. Future enhancements will drive even more uptake and further our ability to focus on high quality learning content and students success.





Reach a larger group of people by providing engaging, interactive and flexible learning”

5Yr Academic Plan 2018-2022

INITIATIVES

- **Expand the range of programs** delivered in an online format and **adopt a student-centred and accessible learning management system.**
- Continue to **invest in digital transformation**, including **ICT infrastructure** and **professional development**, to support technology-enabled teaching. **Establish minimum standards** and expectations for online learning.



Developing multi-modal products

ATTENDANCE MODES

INTERNAL (on campus, f2f) - Subjects offered via internal mode **require regular attendance at classes** and *may* involve up to 30% online delivery.

EXTERNAL (online) - Subjects offered via online mode **require no on-campus attendance**. Study is facilitated wholly through LEARNJCU and *may* involve scheduled online sessions (e.g. via Blackboard Collaborate).

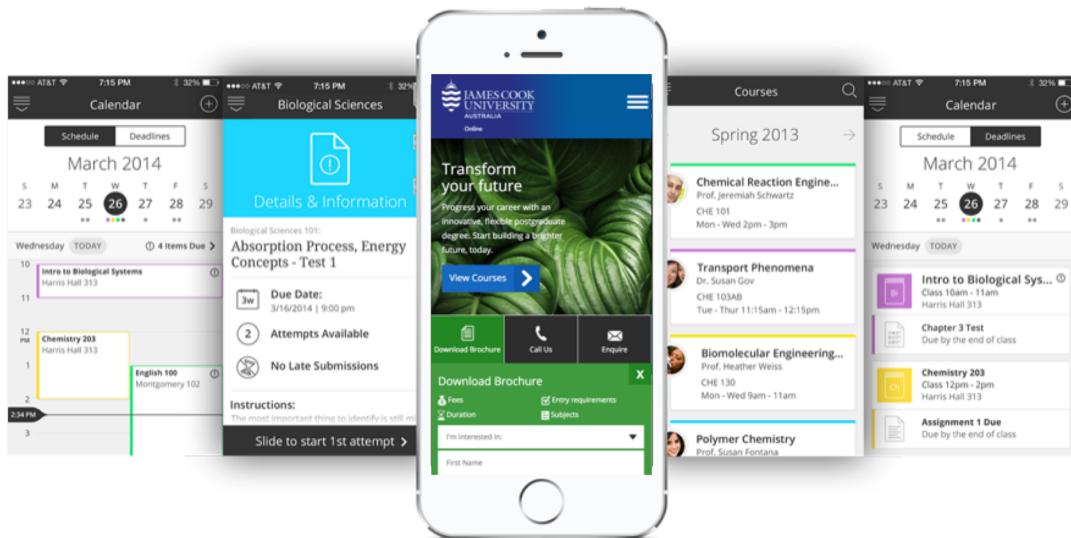
INTENSIVE (block) - Subjects offered require attendance at classes conducted via block teaching sessions and can be on or off campus (typically on consecutive days, week, nights).

PLACEMENT - Subjects require attendance at an external organisation for work experience / practicum / clinical placement under supervision.

We will deliver programs in formats, places and times to better suit the needs of students through a **student-centred learning system** that is **accessible** on **all devices**. This may be at one of our campuses (internal), research centres (intensive), online (external), or in the workplace (placement).



1. Turned on Mediasite in Feb 2017
2. Moved to Blackboard Ultra in Jan 2018
3. Plan to migrate 2200 INTERNAL units/subjects by 2020
4. 100% responsive design (mobile first)
5. WCAG 2.0 accessible
6. SaaS hosted LMS (continuous delivery)
7. Supported migration path for academics



New Learning Environments

jcu.edu.au/learn

Minimum Online Presence

1. The **Subject Outline** is included in every subject site
2. **Learning activities** and **resources** are **accessible, equitable and responsive**
3. Every subject **contains a video introduction**
4. **Assessment tasks utilize gradebook**
5. **Mediasite** is the **supported** platform for all JCU lecture capture, media delivery and storage
6. **Activity Stream data** is available in **every subject**
7. **All essential L&T communication** associated with a subject is **delivered via the subject site**
8. **Reading Lists** link to **authentic resources** that are **Copyright compliant**

Transform Project

Introduced MOP as a baseline for all Internal and External

jcu.edu.au/transform

Introduced the JCU Digital Maturity Model (DMM) with 3 distinct levels.

- **Baseline** - has adopted the Minimum Online Presence (MOP) and meets threshold standards
- **Accomplished** - well integrated digital experiences that enhance student learning
- **Exemplary** - deeply engages with blended learning across multiple dimensions



Digital Maturity Model

Skill set lecturer	Recording options by scalability (most to least)			
	Desktop Recorder	Lecture capture	One button Studio	Production Unit
1		\$		\$\$\$
2			\$\$	
3	\$			
4				
Video Quality			Cost efficiency	
Very high			\$\$\$	
High			\$\$	
Variable			\$	

Media Production

Support from Desktop to Documentary

JCU UltraReady

2yr migration overview



TP1 2018

Migrate 5% of subjects

12 courses / 300 subjects

(early adopters, new courses and JCU Online/Keypath, hi-touch support)

TP1 2019

Migrate 35% of subjects

70 courses

(automated where possible, low-touch support)

Jan

June

July

Dec

Jan

June

July

Dec

TP2 2018

Migrate 35% of subjects

70 courses

(automated where possible, low-touch support)

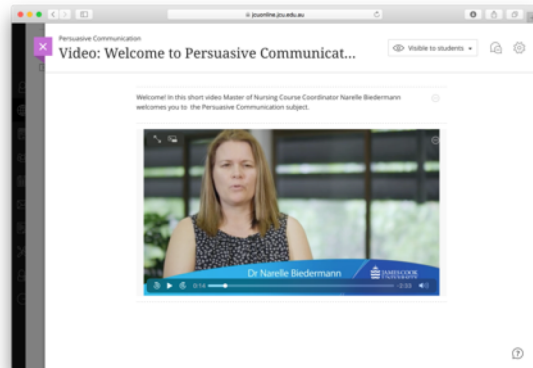
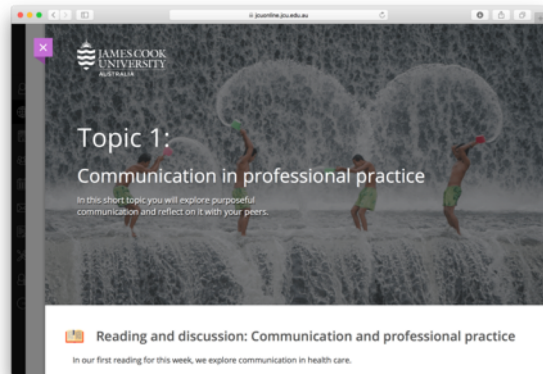
TP2 2019

Migrate 25% of subjects

60 courses

(specialist subjects that require specialist support, hi-touch support)

1. Developed new EXTERNAL programs
2. Launched Data Science and Nursing Science in Oct 2017
3. Developed in partnership with a 3rd party partner
4. Introduced 6 new study periods per yr
5. Carousel model (7 week)
6. 300+ enrolled. More to follow...



JCU Online

new suite of fully
online programs
launched Oct 2017

online.jcu.edu.au

Thank you

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Head of Learning Environments and Innovation
Learning Teaching and Student Engagement