

Completed projects 2019 – 2021

Paid internships/fellowships, curricular in class projects,
curricular placements and co-curricular internships.

The projects below are a selection of recent Sustainability Integration Program for Students projects.

If you would like access to full project reports for any of these projects, please email sips.utas@utas.edu.au

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Air and Climate

Author(s)	Project Type	Title	Summary	Completion
Nate Brennan	Curricular placement (CoBE)	Emission reduction planning	Analysis of GGH emission source for air travel at the University of Tasmania.	Oct 2021
Zay Zin	Paid internship	Sustainability data analysis	Data analysis contributing to the University's carbon neutral certification and the University's biennial Travel Behaviour Survey.	Nov 2021
Jiaying Guo	Paid internship	Emission reduction study for catering	Analysis of carbon emissions from catering at the University with recommendations for emission reduction initiatives.	Nov 2021
Various	Professional placement (CoSE)	Emission reduction study	Review of one GGH emission source at the University of Tasmania.	Nov 2021
Sarah Hettema	Co-curricular internship	Carbon footprint and offsetting opportunities for students	Understanding where students are flying from to attend the University of Tasmania and options for them to offset their flights.	Nov 2019
Qiong Hu (Chris)	Curricular placement (STED)	Climate change strategies at Australian universities	Benchmarking study to assess climate change mitigation and adaptation strategies at Australian universities.	Nov 2019

Energy

Author(s)	Project Type	Title	Summary	Completion
Louis Barnett	Paid internship	Energy audit	Energy auditing of University Centre, Sandy Bay campus.	May 2021
Various	Curricular placement (CoBE)	Energy audit	Energy audit of Morris Miller Building, Sandy Bay campus.	May 2021
Jingyi Li (Chloe)	Curricular placement (CoBE)	Night lighting	Night lighting cost-benefit analysis for university campuses.	May 2021
Zi Long Chow	Paid internship	Energy auditing	Energy auditing with students at the Launceston Clinical School.	Oct 2021

Buildings

Author(s)	Project Type	Title	Summary	Completion
Various	Professional placement (CoSE)	Urban greening opportunities in Hobart	Urban greening and the energy efficiency of the built environment at Hobart Student Living accommodation.	May 2021

Grounds and Biodiversity

Author(s)	Project Type	Title	Summary	Completion
Zoe Bucher- Edwards	Paid fellowship	Biodiversity citizen science	Facilitation support for the BioBlitz for Science in the Dark, Science in the Park and the schools BioBlitz.	Dec 2021
Zoe Bucher- Edwards	Paid internship	Biodiversity citizen science	Designing and coordinating the first BioBlitz on campus in the Thomas Crawford Trail for Biodiversity Day. Hosting Wild Pollinator Count Day.	Jun 2021
Ishara Love	Paid internship	Sustainable grounds	Review the current approach to pest management, and the use of pesticides on campus, to make best practice recommendations for soil health and biodiversity.	Dec 2021
Kawinwit Kittipalawattanapol (Ink)	Paid fellowship	Biodiversity and natural environment on campus (Sandy Bay campus)	This project is to review the draft biodiversity and natural environment briefing paper for submission to the Sustainability Committee and to encourage students' engagement in the campus environments through the creation of a biological sciences student society with the TUU and a fun engaging game to launch the society during Orientation Week called the 'Natural Values Scavenger Hunt'.	Dec 2021
Charlie Greenwell	Curricular Honours project	Water management in Hobart CBD	Identify water availability, efficient use and management for Hobart CBD properties to improve storm water management.	Dec 2020
Eloise Bennett	Paid internship	Marine biodiversity trail	Part 1. Student engagement in biodiversity on campus, creating a marine biodiversity trail for Hobart CBD and Sandy Bay campuses. Part 2. Creating interviews with staff and key community stakeholders at each point to explain the key learnings and features of each place.	Dec 2020
Rani Greig	Paid internship	Marine biodiversity project review	Reviewing and compiling information about previous projects with students at Newnham Creek in preparation for future reserve management and regeneration activities with student at Newnham Creek.	Dec 2020

Author(s)	Project Type	Title	Summary	Completion
Laura Beryl Elizabeth Smith	Paid internship	Biodiversity – pollinator guide (Sandy Bay campus)	The project has reviewed other University's actions to support biodiversity on campus, sought to understand which student groups are active in the field of biodiversity and what research has been done in the past on biodiversity on campus.	Jun 2021

Transportation

Author(s)	Project Type	Title	Summary	Completion
Quin Welsford-Brink	Paid fellowship	Student Travel Behaviour Survey analysis	Analysis of the University of Tasmania's 2021 biennial Travel Behaviour Survey results for students.	Dec 2021
Xun Jin Wong (Jacob)	Curricular placement (CoBE)	Evaluating bicycle storage on University campuses	Bike register for University staff and students, promotion of the new register and analysis of current bicycle locker management.	May 2021
Various	Curricular in class project	Digitisation of sustainable transport data	To develop and publish a web-based app that will allow UTAS staff and volunteers to digitally enter data on push bikes, electric bikes and motorcycles parked at our main north and south campuses.	May 2020
Juan Martin Rodriguez Ortega	Paid internship	North West Coastal Bike Path (Newnham)	Active transport – designs for a bike hub and water refill station for the north west coastal bike path.	Nov 2019
Ryan Lottering	Paid internship	Ride2Work (Newnham)	Active transport – design and organization of the Ride2Work event for staff and students at Newnham campus.	Nov 2019
Jie Wen (Jane)	Co-curricular internship (IPREP)	Ride2Work (Sandy Bay)	Active transport – design and organization of the Ride2Work event for staff and students at Sandy Bay campus.	Nov 2019
May Zhao and Charles Ma	Curricular placement (TSBE)	Cost benefit analysis of car share schemes	Analysis of the cost benefit for students using a car share scheme at Sandy Bay Accommodation Services.	Nov 2019
Guozi Liang (Doris)	Curricular placement (STED)	Evaluating campus bike hub use and bike facilities maps	Evaluating campus bike hub use and bike facilities maps.	Jun 2019

Waste management

Author(s)	Project Type	Title	Summary	Completion
Alice Curtain	Curricular Honours project	Reducing single-use plastics on campus	Audit and review of single-use plastic packaging with staff at University of Tasmania Sandy Bay campus.	Nov 2021
Milly Gatehouse	Paid internship	Reducing waste to landfill	Student plastics minimisation program, review of plastics bans at other Universities and provide recommendations for University of Tasmania. Student representative at plastics minimization.	May 2021
Beth Niroomand- Rad	Paid internship	Reducing waste to landfill	Benchmarking the proposed Container Refund Scheme (CRS) for the University.	Oct 2021
Quin Welsford- Brink	Paid internship	Reducing waste to landfill	Analysis of waste data from University accommodation sites, to encourage consistent services and support for move- in and move-out periods to encourage reuse and reduce waste to landfill.	May 2021
Jasveen Kaur	Paid internship	Waste audit for Launceston Clinical School	Waste audit for Launceston Clinical School.	Dec 2021
Bishop Panta	Curricular placement (CoBE)	Recycling Walls	Design and creation of an interactive dashboard for Recycling Wall data. Data analysis of recycling streams available in 23 Recycling Walls at University of Tasmania.	Oct 2021
Ruowen Deng and Danli Yuan	Curricular placement (CoBE)	Visual waste audit for Sandy Bay campus	Skip bin audit for Sandy Bay campus, to assist Bin Sensor verification and improve waste communications for cleaning staff. Before introduction of new staff bin system.	May 2021
Sabina Magar and Nishchal Thapa	Curricular placement (CoBE)	Visual waste audit for Sandy Bay campus	Skip bin audit for Sandy Bay campus, to assist Bin Sensor verification and improve waste communications for cleaning staff. After introduction of new staff bin system.	Oct 2021
Various	Curricular in class project	Online Tasmanian Recycling Index	Searchable Tasmania-wide waste and recycling index hosted on a webpage.	Oct 2021
Various	Curricular in class project	Waste communications	Design a cover (lid or box) for the three wheelie bins streams at large University events (Orientation/Open Days) that is both visually appealing and can assist people to understand what can go in each bin.	Dec 2021
Various	Curricular in class project	Reducing waste to landfill with students	The creative challenge for Developing you Creative and Entrepreneurial Potential is to identify creative ways to engage with students arriving on campus from diverse backgrounds to communicate both what waste and recycling services are available to them and how to identify which materials are recyclable.	Feb 2021

Author(s)	Project Type	Title	Summary	Completion
Kenneth Wu	Paid fellowship	Reducing waste to landfill during the COVID lockdowns	Enable behaviour change to reduce waste through identifying waste challenges and waste streams through the online Waste Diary Challenge.	Nov 2020
Jessica Parr	Curricular placement (CoBE)	Circular economy research for printer cartridges	Reviewing available life cycle assessments for printer cartridge recycling in Australia, printer cartridges are one item collected through the recycling walls as part of circular economy approach to reusing materials.	Oct 2020
Isobel Nass	Curricular placement (CoBE)	Reducing waste to landfill with Student Living	Update the information and social media marketing from previous years for Student Living to assist students avoid waste to landfill when moving out of residential accommodation. Consult with Student Living staff for advice and feedback on the information and marketing campaign.	Oct 2020
Joy Pflieger	Paid internship	Reducing waste to landfill – Sandy Bay campus	Analysis of waste concerns for Chemistry building and CSL Lab staff, identify and research options for reducing plastic waste to landfill.	Nov 2019
Christoph Julian Kartzoff	Paid internship	Recycling walls	Discuss with Waste Education Officers the recycling walls impact, performance, challenges and opportunities at two local councils, and assess the feasibility of a similar recycling wall for either a Hobart or Sandy Bay site on campus.	Jun 2019
Anna Zimmern	Paid internship	Waste reduction education materials	Revision of education materials to design new communications for staff and students for events and orientation week stalls. The purpose of the new communication materials is to encourage waste reduction.	Jun 2019

Water

Author(s)	Project Type	Title	Summary	Completion
Kyla Langotsky	Co-curricular internship	Drinking water accessibility for students on the Sandy Bay campus	Mapping drinking water stations and student access to drinking water at the Sandy Bay campus.	Nov 2019
Paul Lavellee	Co-curricular internship	Designing Marine Ecosystem Day	Designing a program for engaging students in the marine environment in Hobart.	Nov 2019
Jia Sheng Danny Tan	Co-curricular internship (IPREP)	Reducing water pollution through student engagement	Researching water pollution and communicating mitigation actions with students.	Aug 2020

Author(s)	Project Type	Title	Summary	Completion
Kawinwit Kittipalawattanapol (Ink)	Paid internship	Water management on campus (Sandy Bay campus)	Assessment of current water resource management on campus and how water use is communicated with students, including recommendations for future SIPS projects.	Jun 2019

Purchasing

Author(s)	Project Type	Title	Summary	Completion
Samia	Curricular placement (CoBE)	Re-Use Program	Analysis of furniture procurement and Re-use Program data.	Oct 2021
Isobel Nass	Curricular placement (CoBE)	Ethical bedding options	Research ethical suppliers for durable bedding for Study Abroad and Exchange welcome packs for students arriving at the University in 2021, contributing to reducing waste to landfill.	Oct 2020
Ngoc Duy Vo (Yugi)	Paid internship	Sustainable Procurement (Sandy Bay campus)	The project reviewed the new Australian Modern Slavery Act, the University's obligations under the Act and the student will be giving a presentation to the Procurement Team with information about complying with the Act.	Jun 2019
Aaron (Haoxiang) Yang	Curricular placement	Gap analysis for STARS and ISO 20400 for the Procurement Team	Access the requirements and overlap between reporting for STARS and ISO 20400.	Nov 2019

Food and Dining

Author(s)	Project Type	Title	Summary	Completion
Sandra Murray	PhD project	Food equity and justice	Exploring food justice at the University – using a participatory action research (PAR) approach with staff and students to co-design a fair food on campus strategy.	2022
Alex Mcarthur	Paid internship	Sustainable food and gardens	Scoping study on the future for Source on Sandy Bay campus, the Domain and Hobart rooftop gardens.	Dec 2021
Jasmine K Ling	Paid internship	Sustainable food and gardens	Benchmarking sustainable food on campus strategies at universities.	May 2021
Tomas Crossland	Paid internship	Student sustainability engagement for food and gardens	Wicking bed building for student accommodation at the Atrium Apartments, Rural Clinical School at the North West campus.	Oct 2021

Author(s)	Project Type	Title	Summary	Completion
Various	Curricular in class project	Food and gardens (vegetable box programs on campus for students)	Consulting and assisting with the development of nutrition education programs for specific community groups – i.e. including engaging with community to understand their priorities and developing resources. Evaluate current or previous food and nutrition projects which may include developing an evaluation plan, collecting data and making recommendations.	Oct 2021
Mahalia White-McColl	Paid internship	Food relief resource for students	A state-wide resource available online for students with information and contacts for food relief support.	Oct 2021
Ada Lester	Paid internship	Student engagement in sustainability (focus on food gardens) at Hobart City Apartments	The project is to support Phase 2 at the Hobart City Apartments in the walkway above Fernery Lane. Phase 2 includes two one-day events, the second event is a student engagement day organised by the Sustainability Team and Student Living for students to build and plant three new wicking beds made from recycled plastics, and a wicking bed and street library made from reclaimed timbers as part of the expansion of the student garden area at Student Living. Students were hands on for the day, and in the lead up were invited to contribute books for the street library and food plant ideas for the garden beds.	Jul 2020
Mahalia White-McColl	Paid internship	Student engagement in sustainability (focus on food gardens) at Hobart City Apartments (Sandy Bay campus)	The project is to support Phase 2 in the public courtyard at the Hobart City Apartments. Phase 2 includes two one-day events, the first was a student and local business engagement day organised by the Sustainability Team and Student Living for students and members of the local community to learn how to build self-watering wicking beds, choose plants and maintain the beds. The day is designed to encourage students and local business to get involved and feel comfortable using the public courtyard space to enable future events in the courtyard.	Mar 2020
Chester James-Smith	Paid internship	Reducing food waste (Rural Clinical School students living in Atrium Apartments, Burnie)	Continuing oversight of the student managed compost bin at the Atrium Apartments and create new herb garden for students.	Nov 2019
Yanqi Wang	Curricular placement (CALE)	Social work and sustainability	Food gardens for students living in accommodation services (Sandy Bay campus).	Nov 2019
Thi Kim Anh Nguyen (Kim)	Paid internship	Mapping food gardens on campus	Key staff involved in food gardens at Cradle Coast, Newnham, Sandy Bay and Taroon sites have been consulted about current food gardens. Information has been collected for a map to show where the gardens are, what types of food is being grown and how students can get involved in the gardens. The student has also mapped the size and location of the gardens.	Jun 2019

Author(s)	Project Type	Title	Summary	Completion
Nha Ky Huynh (Nya)	Paid internship	Foodscape mapping (Newnham campus)	Foodscape mapping report for the Newnham campus, considering students' access to food, using an example from the University of California.	Jun 2019
Jessica Parr	Paid internship	Tackling food waste with students (Newnham campus)	Researching food waste for students living in accommodation services in Newnham.	Jun 2019
Isobel Nass	Paid internship	Reducing food waste (Rural Clinical School)	Reducing food waste to landfill from students at the Rural Clinical School, Burnie.	Jun 2019

Campus engagement

Author(s)	Project Type	Title	Summary	Completion
Timothy Boyle	Paid fellowship	Student governance in sustainability	Design for the new Students for a Sustainable UTAS working group of the Sustainability Committee, undertake broad student consultation for the working group design and a benchmarking study of how similar groups operate at other universities. Pilot a students working group in 2021.	Nov 2021
Nicky van Dijk	Paid internship	Student governance in sustainability	Facilitate the development of the scope and EOI process for the working group from 2021 to 2022.	Nov 2021
Ashwag Madkhali	Paid fellowship	Sustainability engagement	Development of the Sustainable Event Guide and support for the Green Impact Program.	Dec 2021
Ashwag Madkhali	Paid internship	Student engagement – diversity and inclusion in sustainability	Developing an Arabic language student sustainability tour.	May 2021
Natalee Strong	Paid fellowship	Climate resilience	Development of a Youth Climate Statement and University of Tasmania student involvement in Global Climate Change Week (Student Leadership in Climate Action roundtable).	Dec 2021
Natalee Strong	Paid internship	Peer to peer education for students on climate resilience	Co-design for a two half day workshop for students on peer to peer education for climate resilience.	Aug 2021

Author(s)	Project Type	Title	Summary	Completion
Various	Professional placement (CALE)	Climate café nīpaluna program	Grounded in social work theory, students co-designed with academic and professional mentor(s) a climate café series. The cafes were hosted by social work students through their placements, providing opportunities for facilitated conversations about our responses to learning about the climate crisis.	Oct 2021
Diego Esquivel Alvarez	Paid internship	Sustainability engagement – Green Impact	Green Impact staff and student program: interviews with participants for four articles.	May 2021
Liuchun Wang	Paid internship	Student engagement at the Cradle Coast campus	Sustainability engagement for Green Impact Students in the North West.	Oct 2021
Natasha Booth	Curricular placement (CoBE)	Communicating UCapture Platform	Communication of UCapture Platform for University students.	May 2021
Ellen-Rose Sorensen	Paid fellowship	Sustainability@UTAS Podcast	A podcast series with University staff and students on integrating sustainability across the University, available publicly online. The series is designed strategically so that podcasts highlight and explain key strategic directions and news at the University.	Dec 2021
Timothy Boyle	Paid internship	Student engagement in sustainability	Benchmarking Sustainability Revolving Funds at other universities, adapted to include insights for grant applications.	Nov 2020
Jessica Flint	Paid fellowship	Student engagement in sustainability (Cradle Coast campus)	Working with the TUU Cradle Coast Campus to engage students in sustainability on campus, particularly focusing on reducing food waste to landfill on campus.	Nov 2020
Junxiang Kuang (John)	Curricular placement (I-PREP)	Evaluation of the UTAS Cares Facebook page	Review of the UTASCares Facebook page for opportunities and challenges going forward, consult with University staff about the purpose and usefulness of the page.	Nov 2020
Zhi Wen Neoh	Paid internship	Student engagement in Global Climate Change Week (Newnham campus)	Preparation of student engagement materials for Global Climate Change Week (GCCW) in October, support the design of the event at UTAS by contributing a student voice and perspective to the internal staff working group for GCCW.	Nov 2020
Various	Professional placement (CoSE)	Data analysis and review of past Global Climate Change Week (GCCW) events and opportunity for universities through Race to Zero	GCCW was created by the University of Wollongong in 2015 and has run for five years involving universities and non- government organisations around the world. A spreadsheet with details about the location and types of events each year is available. Students used this data to review the diversity and type of events. The review will assist the internal UTAS committee who are planning a larger evaluation of the program.	Oct 2020

Author(s)	Project Type	Title	Summary	Completion
Will Plaister	Paid fellowship	Sustainability workshops for students	Engagement of students at all campuses in sustainability, resilience and leadership workshops.	Dec 2019
Jing Fan	Paid fellowship	Sustainability Tour expansion	Expansion of sustainability trail map from Sandy Bay campus to Newnham, Inveresk and Cradle Coast campuses.	Nov 2019
Jessica Flint	Paid internship	Green Impact staff engagement (Cradle Coast campus)	Jessica Flint has met with staff at the Makers Workshop and Cradle Coast campus to prepare for Green Impact.	Dec 2019
Zhi Wen Neoh	Co-curricular internship (IPREP)	Global Climate Change Week (Newnham)	Supporting Newnham staff to prepare for Global Climate Change Week events.	Nov 2019
Josh Coleman	Curricular placement (TSBE)	Student engagement in sustainability	Marketing sustainability for student events and stalls.	Nov 2019
Fengjing Xu	Curricular placement (CALE)	Social work and sustainability	Climate change resilience and wellbeing for students.	Nov 2019
Purnima Shrestha	Curricular placement (STED)	Mapping sustainability behaviours for students	Mapping how students can contribute to the SDGs through daily sustainable in Melville Street Apartments.	Nov 2019
Pedro Martinez	Co-curricular internship	Sustainability programs at universities	Comparing sustainability programs at the University of Tasmania and the University of California.	Nov 2019
Jing Fan	Paid internship	Sustainability Tour (Sandy Bay campus)	Develop a sustainability map for the Sandy Bay campus. A pilot for the online map has been created featuring stories of student projects on campus.	Jun 2019
Ella Hilder	Paid fellowship	Sustainability workshops for students	Student engagement liaison- engage students at all campuses in sustainability, resilience and leadership workshops.	Jun 2019
Hannah Macdonald Birch	Paid internship	Communicating with students about TUU divestment	The TUU Student Council recently voted to support divestment from fossil fuels, this vote will be taken to the TUU Board in June. To prepare for the Board meeting the SIPS project has sought to work with the TUU's investment management firm to understand their proposal and communicate with students about the TUU's choices.	Jun 2019

Public engagement

Author(s)	Project Type	Title	Summary	Completion
Freya Evans and Ellen-Rose Sorensen	Paid internship	Partnerships for sustainability	Facilitating the UN SDG network, including facilitation for bimonthly guest presentations and bimonthly newsletters.	Nov 2021
Marlee Jesson- Kerr	Paid internship	Partnerships for sustainability	Mapping UN SDG programs at local councils in Tasmania.	Oct 2021
Alex Moss	Paid internship	Night lighting	Night lighting interactive immersive experience for University buildings: project design.	Dec 2021
Anna Wylie and Thi Yen Nhi Tran (Ellie)	Paid internship	Benchmarking sustainability strategies in Tasmania	Benchmarking review of strategies relating to sustainability at local councils in Tasmania (including but not limited to waste, water, climate change, biodiversity, inclusion and diversity). The review will provide useful background data for the development of University strategies and understandings of commonalities and differences across regions of Tasmania where students, staff and University partners are located.	Nov 2020

Wellbeing and Work

Author(s)	Project Type	Title	Summary	Completion
Various	Professional placement (CoSE)	Night lighting for safety, security and biodiversity at Sandy Bay campus	Review the night lighting approach of the University for student experience of safety and security at the Sandy Bay campus.	Oct 2020

Diversity and Affordability

Author(s)	Project Type	Title	Summary	Completion
Min-ting Chou (Mandy)	Paid internship	Laptop donations procedure	Richard Eccles is leading the IT Services project to encourage more University laptops to be donated to students at the end of three years use rather than going to e-waste. The project reviewed the University's current processes and developed instructions for laptops to be wiped and Windows reinstalled prior to donation.	Jun 2019