

Inherent Requirements Statement





Medical, Biomedical & Biotechnology Sciences



Inherent Requirements Statement for the Bachelor of Advanced Science, Bachelor of Medical Science, Bachelor of Biomedical Science, Bachelor of Biotechnology, Masters of Science, Masters of Medical Biotechnology, Masters of Biomedical Engineering, and Bachelor of Science with majors in Medical Science, Biomedical Science and Biotechnology.

UTS strongly supports the right of all people who wish to undertake a course at our university to pursue their goals and achieve their personal potential. We welcome prospective students with disabilities, and students from diverse social, economic and cultural backgrounds.

Inherent Requirements are academic and non-academic requirements that are inherent in or essential to the successful completion of a course. By identifying and effectively communicating the Inherent Requirements of our courses, UTS aims to assist prospective and current students to make informed decisions about their study, and to facilitate productive and transparent discussions about career choices.

What does this mean for prospective and current students?

If you are a prospective or current student and are concerned about your ability to meet these Inherent Requirements, you should discuss your concerns with the Academic Liaison Officer in your faculty or school and/or UTS Accessibility Service on 9514 1177 or at accessibility@uts.edu.au.

Please note that UTS also requires students to comply with the <u>UTS</u> <u>Student Charter</u> and relevant University policies, procedures and regulations.

In addition, students who enrol in professional degrees are required to comply with legal requirements relating to accreditation and registration.

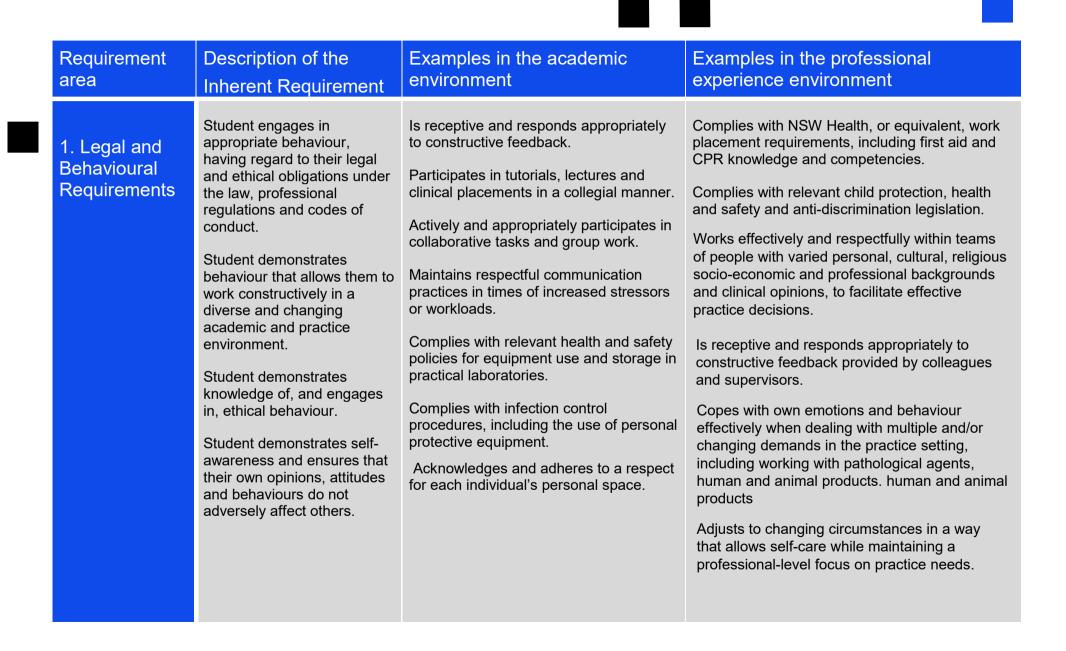
Reasonable adjustments

UTS will make reasonable adjustments to teaching and learning, assessment, professional experiences, course related work experience and other course activities to facilitate maximum participation by students with disabilities, carer responsibilities, and religious or cultural obligations in their courses.

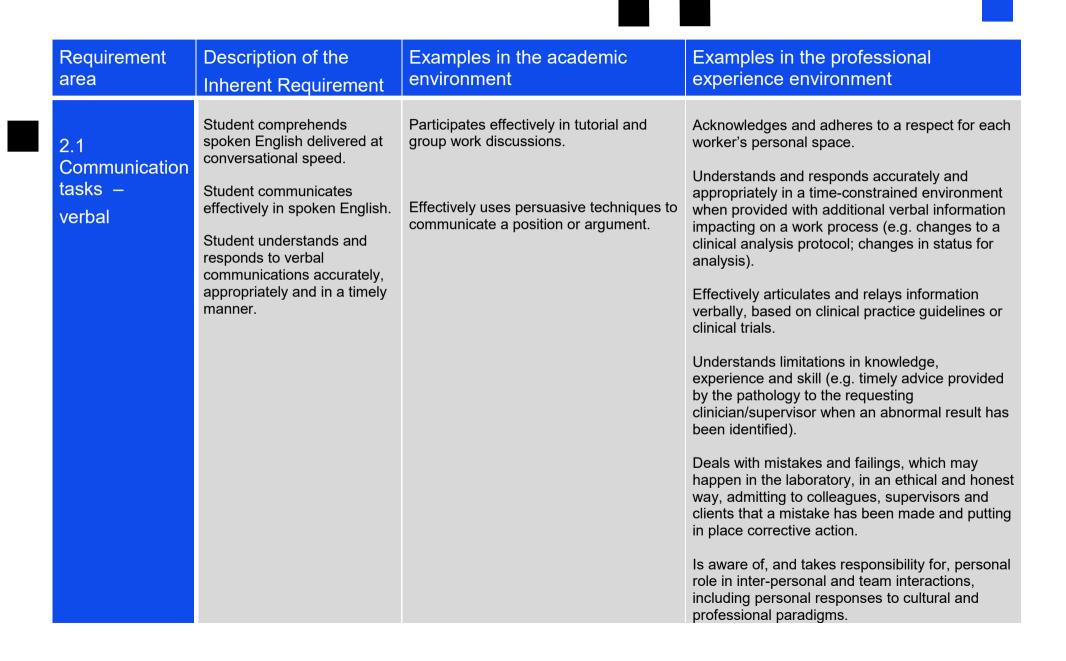
When making adjustments for students, UTS will continue to ensure the integrity of its courses and assessment requirements and processes, so that the students on whom it confers an award can present themselves as having the appropriate knowledge, experience and expertise implicit in the holding of that award. The purpose of reasonable adjustments is to assist, where feasible, students to meet the Inherent Requirements of a course, not to replace or override them.

Registration with the UTS Accessibility Service is necessary for students to obtain reasonable adjustments for their disability. Students are not otherwise required to disclose their disability or other personal circumstances to UTS, unless they pose a risk to their health or safety, or to that of others. Students should familiarise themselves with relevant deadlines and allow sufficient time for reasonable adjustments to be made.

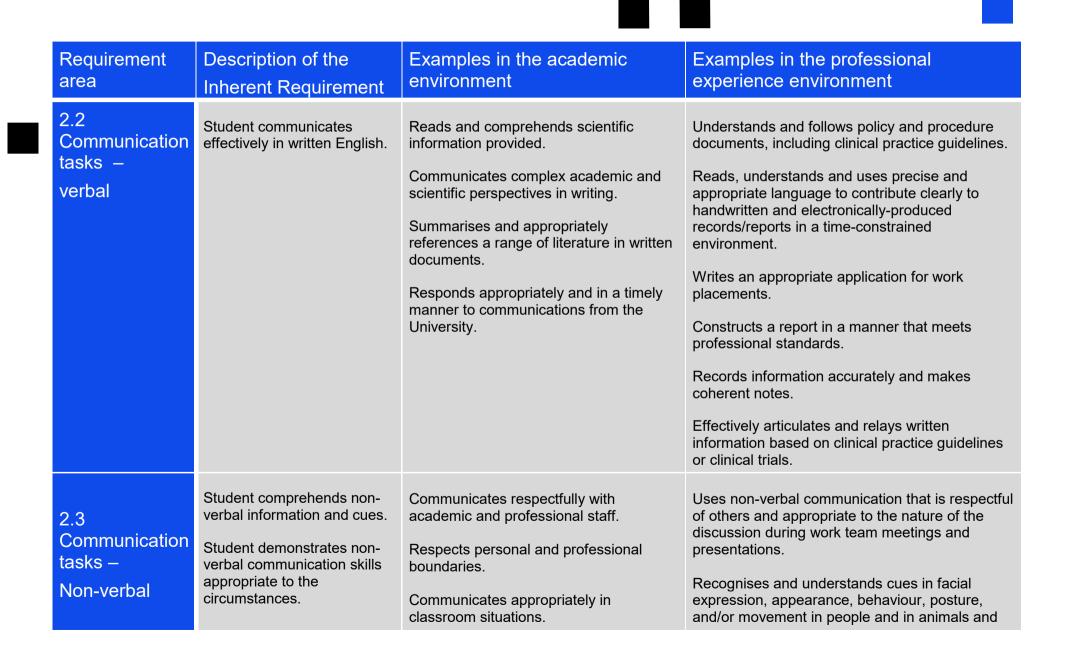












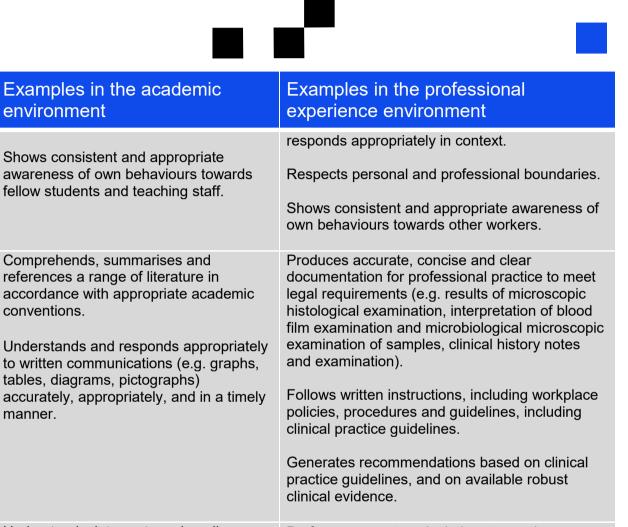


area

Requirement

3.1 Cognitive

tasks - Literacy



3.2 Cognitive tasks -Numeracy

Student accurately processes and reasons with numbers and numerical concepts in a range of contexts.

Description of the

Inherent Requirement

Student understands and responds to communications

Student comprehends

information delivered in a

range of written formats.

manner.

written in English accurately,

appropriately, and in a timely

Understands, interprets and applies numerical concepts and processes appropriately in a timely, accurate and effective manner.

environment

conventions.

manner.

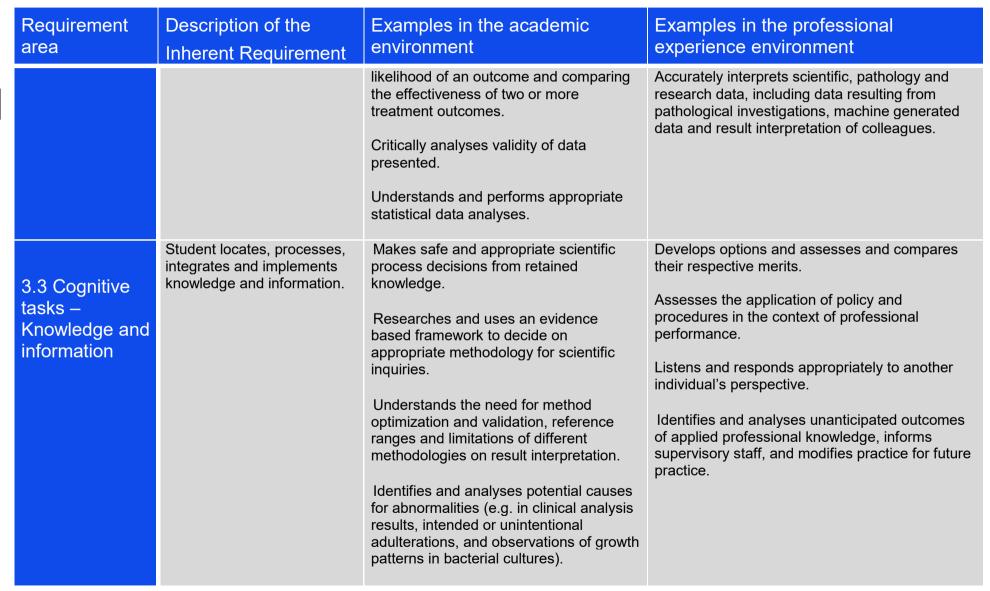
Accurately produces and interprets scientific graphs, diagrams and statistical analyses including predicting the

Performs accurate calculations to produce scientific data (e.g. dilution calculations, chemical concentrations to prepare reagents, drug dose and dosage, radiation dose and exposure).

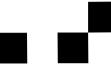
Presents data generated effectively and accurately.







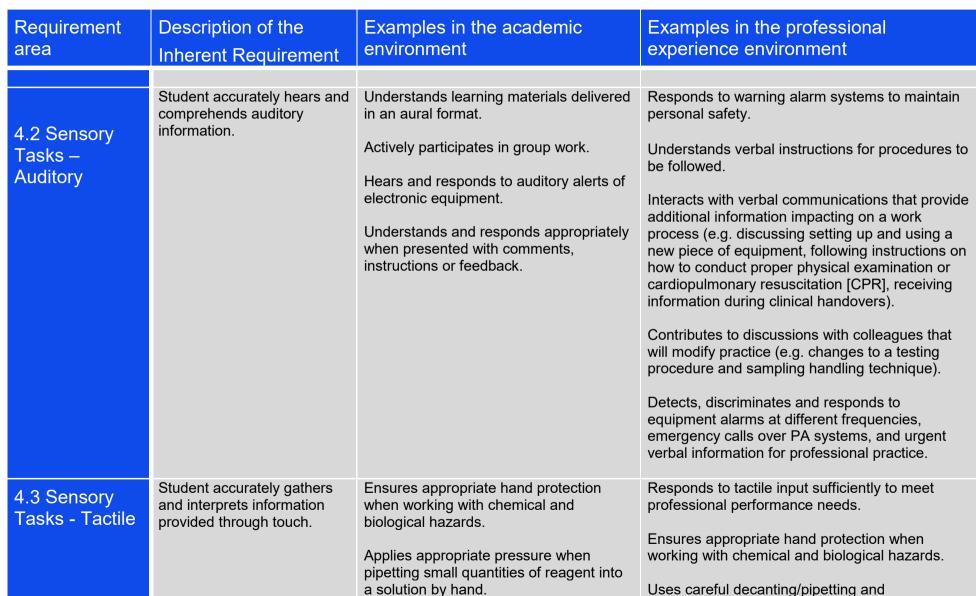




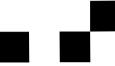
Requirement area	Description of the Inherent Requirement	Examples in the academic environment	Examples in the professional experience environment
		Notices and responds effectively to critical small changes in instructions, measurements or equipment functioning. Manages and proactively learns from academic set-backs by self-evaluation. Manages multiple priorities and time management decisions.	
4.1 Sensory Tasks – Visual & Olfactory	Student accurately and effectively observes and monitors their physical surrounds. Student accurately perceives, interprets and uses visual and olfactory information.	Processes visual information from reagent labels, electronic displays, wall-posted information, equipment gauges, flasks and pipettes, pipettes, and handwritten and electronic documents. Detects olfactory changes (e.g. gas/toxic fumes, burning) Sets-up and uses equipment and tools appropriately, including centrifuges, sterilisers, microscopes, Petri dishes, and culture plates. Processes the visual information required to add precise quantities of reagent to test tubes, syringes, pipettes, balances. Conducts visual analyses based on colour/tone gradients.	Responds to and analyses differences in colour/tone gradients in cells under a microscope, visual cue on malfunctioning equipment. Sets-up and safely uses surgical equipment and medical technologies. Monitors the broader environment for e.g. patient and worker safety. Responds to and analyses visual cues generated by medical devices.

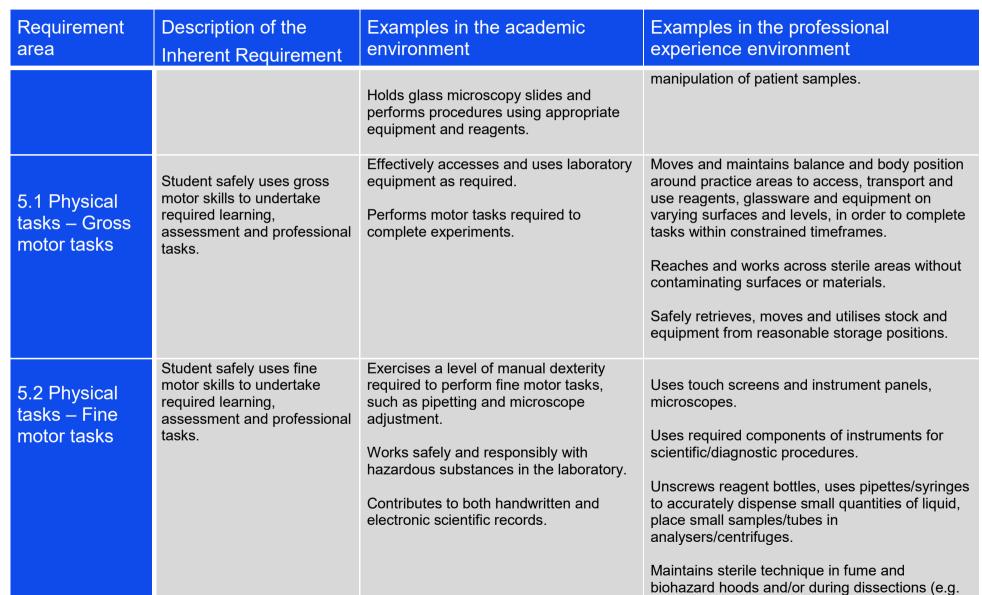
















Requirement area	Description of the Inherent Requirement	Examples in the academic environment	Examples in the professional experience environment
			opening jars with one hand). Contributes to both handwritten and electronic scientific records.
6. Sustainable performance	Student maintains physical and mental performance at a consistent and sustained level over time.	Sustains study practices to sufficiently engage with the learning workload for a study period, and for the degree, within a timeframe. Undertakes assessments and examinations required to assess necessary skills and knowledge. Works for up to 3 hours in laboratory conditions, taking breaks as necessary, or appropriate without compromising experiment. Maintains a sufficient level of concentration to complete an activity.	Attends classroom, laboratory or fieldwork for the required number of hours per day or week when on placement. Sustains a working posture, associated manual tasks, cognitive engagement, performance level and emotional control for the full duration of a practice process (e.g. accurately pipetting for extended time periods, perform laboratory tasks in a constrained timeframe with an ongoing workload of competing activities).