

BioScience Essentials 2BRN*: a web-based resource for Enrolled Nurses transitioning in Bachelor of Nursing registration program

* i.e. to be a registered nurse

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<http://www.biosciencesessentials2brn.com/>
 The website has two components

One for the students

For enrolled nursing students, this site will help you ...

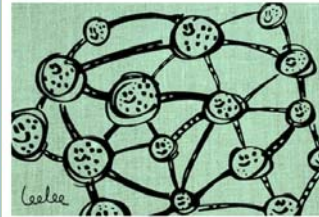


Prepare for direct entry to Year 2 pathophysiology and pharmacology by building your human bioscience knowledge before you start university
Know what to expect as a university student
Get a head start on terminology and writing in science

LEARN

One for their teachers

For nursing educators, this site will help you ...



Connect your students with revision material to help them get ready to study bioscience
Assist students transitioning from the VET sector to university, to self-identify foundational knowledge gaps
Access practical resources to help your students prepare for life at university

TEACH

Here's what's available for students

You want to be a registered nurse. We want to help you get there.



To do that, we've pulled together useful essentials to help you get ready to study human bioscience at university.

- First off**
 Take a look at what you can expect as an enrolled nursing student at university and get a head start on the practical things you need to know and do.
- Then**
 Explore your bioscience learning modules below. We recommend you look at each one. In each module, you can:
1. Assess your confidence
 2. Take a warm up quiz
 3. Learn more
 4. Check what you have learned

Help with the course

Help with the content

Your bioscience learning modules



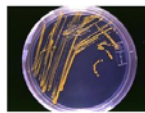
Lymphatic system & immunity

The interconnected networks that carry cells and fluid back to the blood system and prevent invasion of foreign substances.



Gastrointestinal system

The group of organs which work together to convert food into energy and basic nutrients to feed the entire body.



Microbiology

The study of the study of microscopic organisms (microbes) such as bacteria, viruses and fungi that are too small to be seen with the naked eye.

Get insights from other nursing students and teachers



Get going on the practical things you can do before you start:

Here's a checklist you can use

- Find out if my university offers orientation online, which I can do before I start
- Make sure my university has my current email address
- Find out what subjects I'll be studying in my first session
- Get my lecture and tutorial timetable

Talk and write bioscience



Understand how medical and anatomical terminology works, and become familiar with the key concepts you will learn in your course with **Success in (Surviving) BioScience and Pharmacology**. It's an invaluable reference book for diploma nurses transitioning to a Bachelor of Nursing course, created by Sheila A. Coggell, Sally Schaffer, Jane Rowe and Nina Praslova from Queensland University of Technology. Visit it [online](#) or [download the PDF](#).



Being able to write (and talk) scientifically is a great skill to have, not only for studying, but also in your professional life. Find out more in this **write-to-learn guide** published by Charles Sturt University Faculty of Science.



From abnormal to zygote, you'll be talking bioscience in no time. Check out this **handy glossary**.



A lecture (in four parts) providing an introduction to medical terminology, given by the illuminating Dr David van Reyk.

My Gastrointestinal system Confidence Checklist

brought to you by www.biosciencesessentials2brn.com

Assess your confidence

What do you feel confident about?
 What do you need to know more about?

Place a tick in the box that most closely indicates how confident you feel with your knowledge of the following topics		Not very	Only just confident	Reasonably confident	Very confident	Super confident
Liver function (GIT accessory organs)	Bile production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Nutrient interconversion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Storage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Protein production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gastrointestinal tract (from mouth to anus)	Ammonia conversion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Steroid hormone removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Detoxification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Digestion and Digestive enzymes	Red blood cell recycling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Gastrointestinal System Warm Up Quiz

It's all about the group of organs which work together to convert food into energy and basic nutrients to feed the entire body.

Take a warm up quiz

Learn more

Accessory organs of the gastrointestinal tract.

The **jejunum** mainly occupies the umbilical region and has a thick and muscular wall with a rich blood supply. Absorption takes place here.

The **ileum** lies within the hypogastric region and has a thinner, less muscular and less vascular wall. **Patches** are found attached to the ileum, becoming larger as the ileum approaches the large intestine. The **ileocecal valve** is found at the junction of the ileum and the large intestine.

Gastrointestinal system Check What You Have Learned Quiz

It's all about the group of organs which work together to convert food into energy and basic nutrients to feed the entire body.

Check what you have learned