School of

Biomedical Sciences

B100: BSc Physiological Sciences

What is Physiology?
Physiology is the study of human body systems and how they control and maintain function of the whole organism both in normal (healthy) and pathophysiological (disease) states.

Physiology underpins many biomedical & clinical sciences

The course will introduce you to the most recent & important advances in the field of physiology through our research active teaching staff.
You will investigate how the human body functions in both health and disease from the level of the individual molecule up to the whole organism.

Fat-reducing Seaweed
Professor Jeff Pearson

Obesity is a major health concern in the UK. Researchers in the Institute for Cell and Molecular Biosciences are determining if natural extracts from seaweed that are effective in preventing the body from digesting and absorbing fats can be used as food supplements to help weight management.

Paul Cherry
Physiology graduate

Physiology at Newcastle is excellent. You develop an integrated understanding of body systems based on previous and current research. Academics are very approachable, and as experts in their field, their teaching is excellent. The School is also keen to get student feedback, so you can have your say on what’s important to you. My favourite part of the degree programme was the third year project. Working in a lab to produce new research was interesting, challenging and really fun!

3 Year programme

Extensive laboratory teaching

Broad and integrated subject learning of human body function. Topics covered include neuroscience, human anatomy, cardiovascular, respiratory, renal and gastrointestinal physiology.

Final year research project in one of our world leading medical faculty research institutes.