

Mastering Anatomy & Physiology

EDUCATOR TESTIMONIAL
UNIVERSITY OF SOUTHAMPTON

COURSE: There are in excess of 450 students who are studying on professional health based courses; health scientists, nursing, midwifery, occupational therapy, physiotherapy and podiatry. The students are in the first year of their course at level 4.

USED SINCE: 2013

SUMMARY: We are aiming to improve the students' learning experiences of the human sciences. Approaches to consider when moving away from the traditional method of mainly classroom based learning need to be effective, efficient and engaging. Mastering A&P fulfils these criteria, enhancing and supplementing teaching and encouraging independent, self directed learning.

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What challenge or problem did you hope Mastering A&P would solve?

- The main aim in using the resource is to encourage students to become more independent learners.
- Incorporating different means of learning helps to address differing learning styles.
- Mastering A&P provides interactive resources to supplement both the lectures and reading from the e-text.
- Resources used include Art-labelling Activities, interactive videos such as events at neuromuscular junctions, interactive physiology teaching sessions, quizzes, clinical scenarios and human cadaver pictures with anatomical models.

How do you use Mastering A&P with your students?

- Every week in a 12 week module students are directed to learn different human anatomy and physiology systems. The learning is directed via the Virtual Learning Environment (VLE): Blackboard.
- A weekly lecture is supplemented by the resources available on Mastering A&P. Students access these resources through the VLE.
- Students are encouraged to share what they have learnt independently with their peers in seminars where peer teaching/learning is encouraged.

What outcomes/benefits/results have you seen from using Mastering A&P?

- The largest student group who use the resource are nurses. Since using the resource to supplement their learning the pass rate on the multi-choice exam has significantly improved.
- The interactive resources are effective in terms of learning and students have reported that they find them engaging. They are also help to reduce the time needed by academics to explain concepts.



Mastering A&P is useful regardless of students' previous knowledge of anatomy and physiology because it allows for differing levels of understanding



- Mastering A&P is useful regardless of students' previous knowledge of anatomy and physiology because it allows for differing levels of understanding. Students use the resource to either establish new learning and understanding or to develop previous knowledge and confidence in the subject matter.