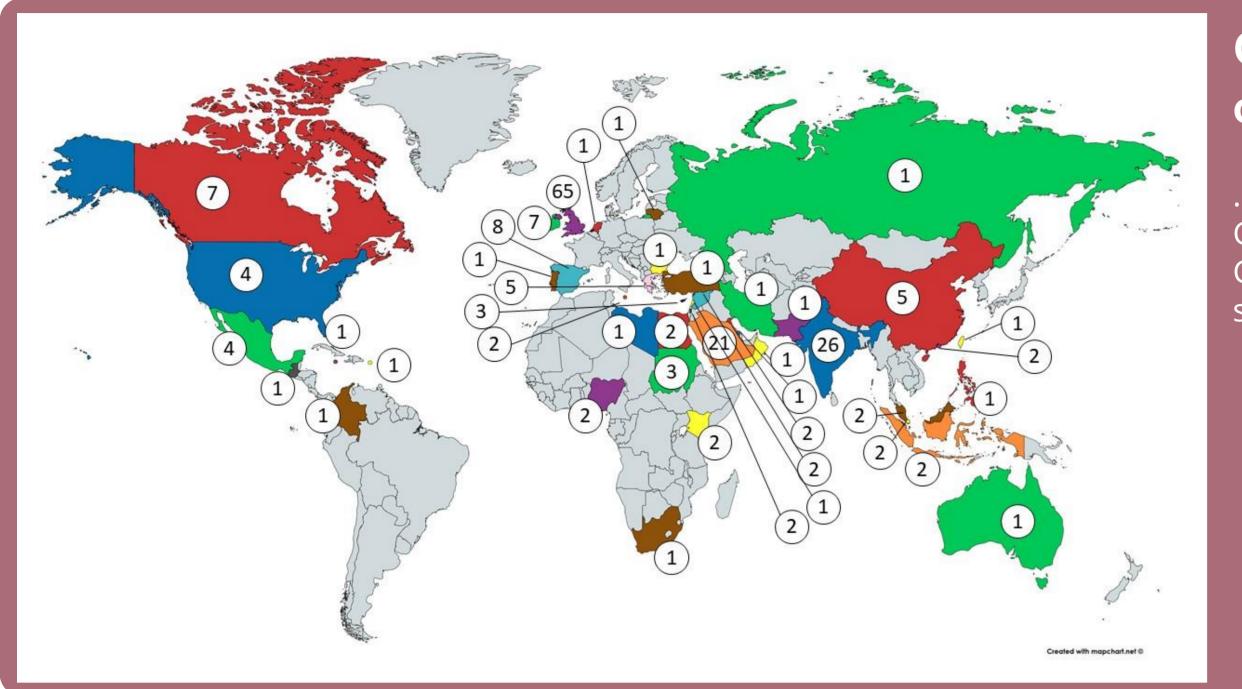
'Levelling up' – a pre-master's revision course

Gerhard H.W. May, School of Medicine, Dentistry and Nursing





Countries of origin

... of MSc Medical Genetics and Genomics students since 2015

Background

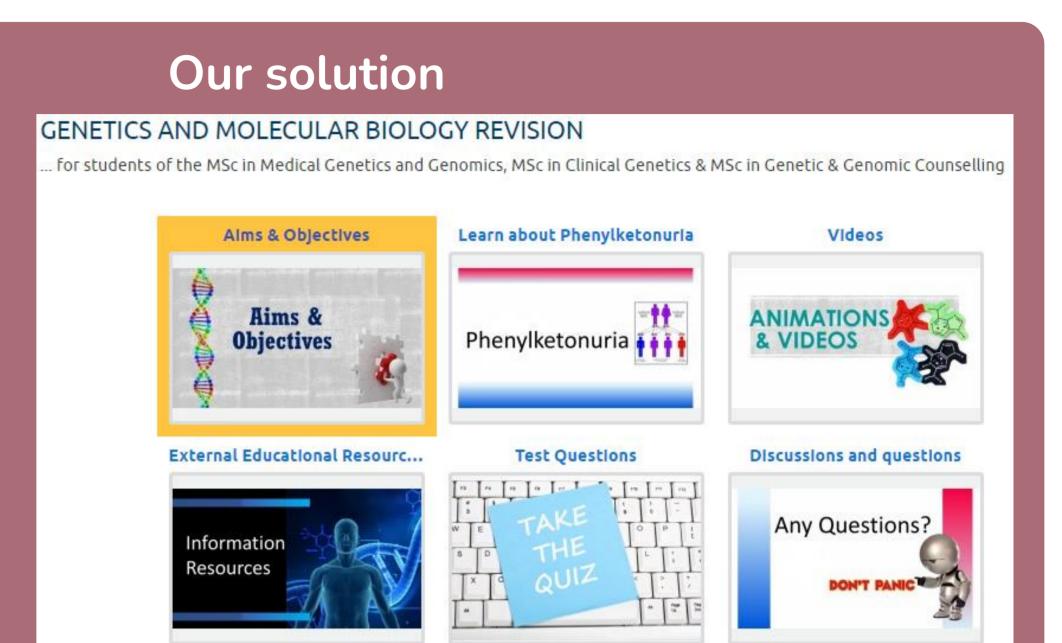
The MSc in Medical Genetics and Genomics and sister programmes attract a diverse cohort of students including not only home and EU, but also a significant number of international students. These students arrive in Glasgow with variable, often unpredictable, background knowledge in basic molecular biology. Consequently, in previous years some of our students struggled with more advanced molecular concepts. This frequently only became clear after the first assignments of the class were graded. However, at that point it was often too late to intervene. Therefore, we believe that some students didn't reach the potential they could have with a better foundation.

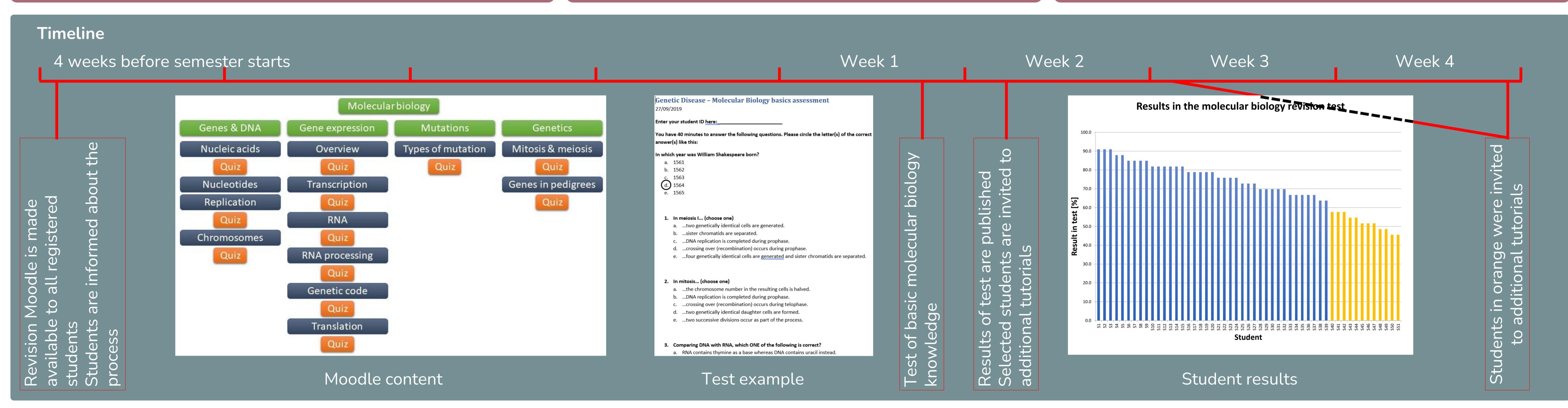
ground

A revision Moodle course consisting of one Moodle lesson, videos and quizzes

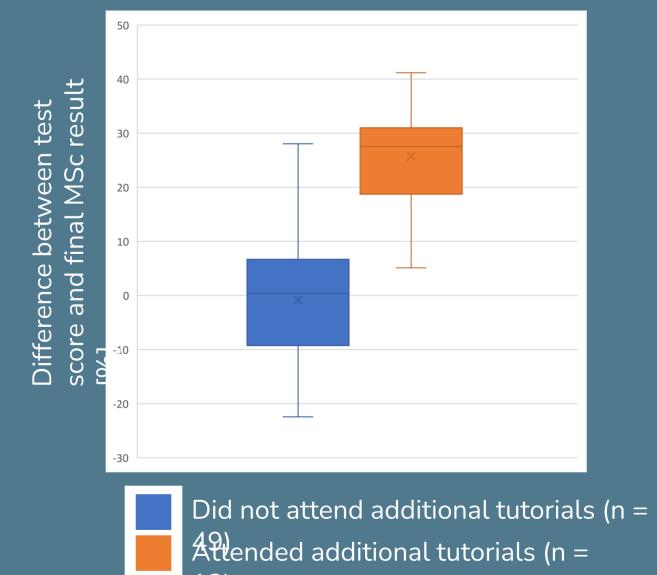
A basic molecular biology test

Additional tutorials as required









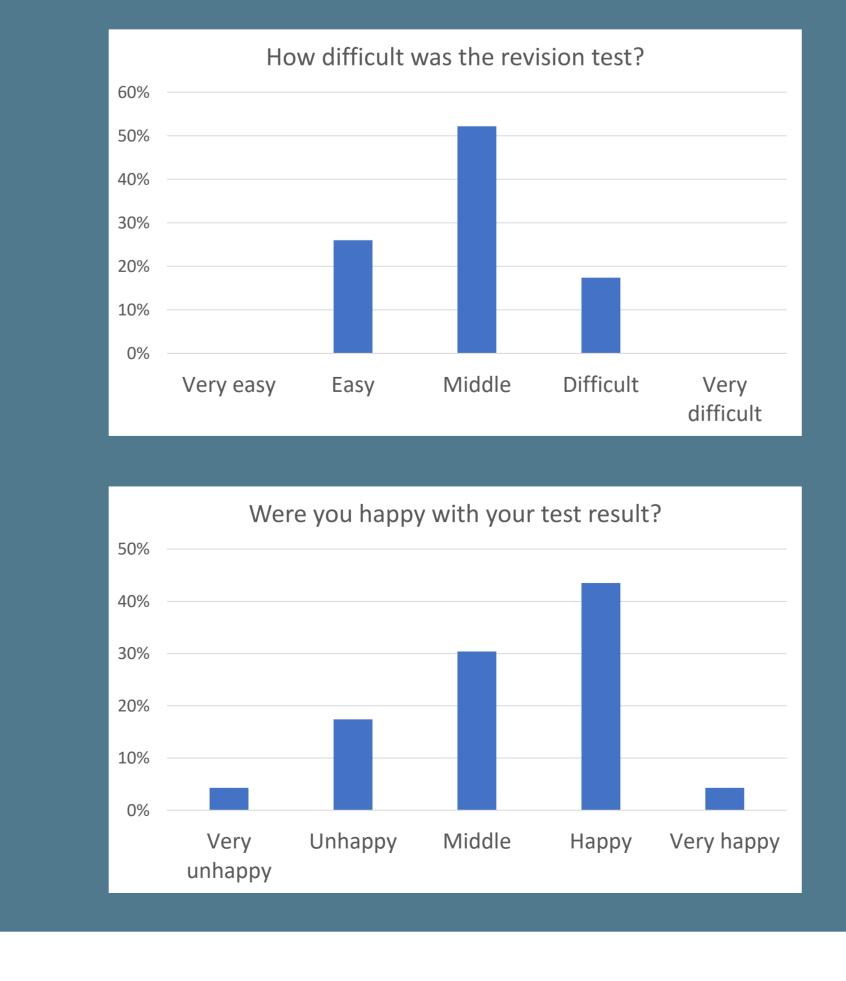
Students who attended revision tutorials at the beginning of the programme appear to have improved more, when comparing their initial test result with their final MSc result.

Questionnaire – results

Students were given a questionnaire after the last optional tutorial. Of those responding, 100 % had accessed the revision Moodle.

Of those

Of those:	
Worked through the whole lesson	78%
Liked the lesson	74%
Thought lesson was at the right level	65%
Heard it all before	9%
Learned something new	52%
Lesson was a reminder	74%



Students' views

It was good at helping refresh ideas from my degree and remind me of the basics.

Helps brush up the basic concepts in an engaging way.

Tutorials, in my opinion, could be longer.

Good mix of different media involving text, images and videos. Sets out a baseline as with regards what kind of knowledge the student is expected to know. Allows for self-assessment by quizzes.

It was good for me to revise things I learned in undergrad before I start my postgrad.

Very informative and useful.

Definitely needed it.

I like that the tutorials have a smaller number of student attending which helps me interact more and ask more questions.

I found it just fine. Not much to improve there.