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# University of Pretoria Yearbook 2019

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## Human cell and developmental biology 214 (ANA 214)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Health Sciences</a>
<b>Module credits</b>	12.00
<b>Programmes</b>	<a href="#">BSc Medical Sciences</a>
<b>Service modules</b>	Faculty of Natural and Agricultural Sciences
<b>Prerequisites</b>	ANA 121 and ANA 126 and CMY 127
<b>Contact time</b>	2 lectures per week, 1 practical per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Anatomy
<b>Period of presentation</b>	Semester 1

### Module content

Functional review of the cell and cell content. Normal and abnormal cell function in relation to structure. Control of the human cell, heredity and the human genome. Cell communication, growth and development, adhesion and division. Aspects of cellular research. Techniques on how to study cells. Medical cell and molecular biology application.

NOTE: This module is not open to all students and may only be taken by BSc: Medical Sciences students.

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