

**Anatomy and Cell Biology Graduate Program**

**Developmental and Stem Cell Track**

Module I	Module II	Module III
<b>Fall 1st Year - Biosciences Curriculum</b>		
142:220 Protein Processing - 1 sh	142:221 Subcellular Motility - 1 sh	142:222 Organelle Biogenesis - 1 sh
		156:204 Biostatistics for Biomedical Research - 1 sh
156:265 Biosciences Critical Thinking and Communication - 1 sh		
650:270 Principles of Scholarly Integrity - 1 sh		
156:302 Biosciences Research (Lab Rotations)		
<b>Spring 1st Year - Biosciences Curriculum</b>		
142:225 Growth Factor Receptor Signaling - 1 sh	142:226 Cell Cycle Control - 1 sh	142:227 Cell Fate Decisions - 1 sh
156:265 Biosciences Critical Thinking and Communication - 1 sh		
156:302 Biosciences Research (Lab Rotations)		
650:270 Principles of Scholarly Integrity - 1 sh		
Elective ** - 3 sh		
<b>* Summer 1st Year - Anatomy and Cell Biology Curriculum</b>		
060:206 Graduate Research in Anatomy and Cell Biology - arr		
060:203 Gross Human Anatomy for Graduate Students (Optional)		
<b>Fall 2nd Year - Anatomy and Cell Biology Curriculum</b>		
060:224 Graduate Student Seminar - 1 sh		
060:206 Graduate Research in Anatomy and Cell Biology - arr		
Elective ** - Preferred: 127:150 Genetic Analysis of Biological Systems - 3 sh		
<b>Spring 2nd Year - Anatomy and Cell Biology Curriculum</b>		
060:224 Graduate Student Seminar - 1 sh		
060:206 Graduate Research in Anatomy and Cell Biology - arr		
142: 215 Transcription and Multi-functional Regulation by RNA - 1 sh	142: 216 Chromatin Structure and Disease - 1 sh	142:217 Epigenetic, Cancer and Genetic Manipulations in Mice - 1 sh

8/4/2009

\* Students interested in studying or teaching Gross Anatomy (\$1,200 added to stipend per semester) should take:

Gross Human Anatomy for Graduate Students (Course #: 060:203; 6 semester hours) during the summer of their first or second year

\*\* Unspecified electives: Visit <http://www.medicine.uiowa.edu/biosciences/curriculum/electives.html> for further information on electives that may be chosen.