



Zoology

DN200

Stream: Biological, Biomedical and Biomolecular Science (BBB)

Sample pathway for Zoology*

<p>YEAR 1</p>	<p>YEAR 2</p>	<p>YEAR 3</p>	<p>YEAR 4</p>
<h3>Engage with the principles</h3>	<h3>Choose your subjects</h3>	<h3>Focus on your chosen subject</h3>	<h3>Refine your knowledge</h3>
<p>In First Year (Stage 1), students choose modules to meet the requirements for the subjects they are considering studying in Second Year and beyond.</p>	<p>In Second Year (Stage 2), the majority of BBB students study a minimum of two subjects but many students will study three subjects. The following is just one example of subjects you could combine with Zoology in Second Year.</p>	<p>In Third Year (Stage 3), students focus their studies on one degree subject.</p>	<p>In Fourth Year (Stage 4), students complete their undergraduate studies and in Zoology this will include a research project.</p>
<p>The Stage 1 (First Year) Guide details the modules required for each degree subject. Please email orla.donoghue@ucd.ie if you have any questions about how First Year works.</p>	<p>Zoology <i>Modules include:</i></p> <ul style="list-style-type: none"> - Principles of Zoology - Scientific Communication - Animal Behaviour - Molecular Genetics and Biotechnology - Chemistry for Biologists 	<p>Zoology <i>Modules include:</i></p> <ul style="list-style-type: none"> - Systems Ecology - Working with Biological Data - Diversity of Vertebrates - Evolutionary Biology - Functional Morphology - Arthropoda - Diversity of Invertebrates - Field courses in Ireland and Spain - Two elective modules 	<p>Zoology <i>Modules include:</i></p> <ul style="list-style-type: none"> - Zoology Research Project - Biological Invasions - Marine Community Ecology - Bioassessment of Freshwaters - Biodiversity - Molecular Phylogenetics and Evolution - Physiology of Epithelial Transport
<p>In First Year, students interested in Zoology must study modules in Biology, Chemistry and Mathematics.</p>	<p>Environmental Biology <i>Modules include:</i></p> <ul style="list-style-type: none"> - Principles of Environmental Biology and Ecology 		
<p><i>Modules available include:</i></p> <ul style="list-style-type: none"> - Biology in Action - Life on Earth - Cell Biology & Genetics - Biomedical Sciences - The Basis of Organic and Biological Chemistry - Mathematics for the Biological & Chemical Sciences - One elective module - One small-group project 	<p>Genetics <i>Modules include:</i></p> <ul style="list-style-type: none"> - Principles of Genetics - Metabolic and Immune Systems - Biomolecular Laboratory Skills - Two elective modules 		

Career & Study Opportunities

BSc (Honours) Zoology

MSc (Taught)	PhD	Industry	Conversion Courses
<ul style="list-style-type: none"> - MSc Applied Environmental Science - MSc World Heritage Management - MSc Biological & Biomolecular Science (Negotiated Learning) 	<ul style="list-style-type: none"> - Students can pursue a PhD in universities in Ireland or abroad in areas as diverse as evolution and population biology and cell and molecular biology 	<ul style="list-style-type: none"> - National Parks and Wildlife Services - Semi-State bodies such as the ESB, BIM and Salmon Research Trust - Conservation Bodies - Agriculture and Aquaculture - Environmental Management 	<ul style="list-style-type: none"> - Professional Master of Education (PME) - Graduate Veterinary Medicine - Graduate Medicine - Master of Management

*This pathway is an example only and is not guaranteed by UCD. Modules are subject to change each year.