

## CONCURRENT DEGREE PROGRAMME NUS BSc IN LIFE SCIENCES AND THE UNIVERSITY OF MELBOURNE DOCTOR OF VETERINARY MEDICINE

### 1. Overview of Programme

This Concurrent Degree Programme (CDP) is an 11-semester course (i.e. 5.5 years) offered by the Department of Biological Sciences at Faculty of Science, NUS, and the Faculty of Veterinary and Agricultural Sciences at The University of Melbourne (UoMelb).

[The University of Melbourne](#) | [Faculty of Veterinary and Agricultural Sciences](#) | [Doctor of Veterinary Medicine](#)

Students in this programme will complete the BSc degree in Life Sciences with three regular semesters in NUS (i.e. Semesters 1 to 3) and a following year (i.e. Semesters 4 and 5) at UoMelb on a study abroad arrangement to read the first year of the DVM. This is followed by three years (i.e. Semesters 6 to 11) at UoMelb to complete the DVM degree requirements.

January - June	BSc Sem 2	BSc Sem 4 / DVM Sem 1	DVM Sem 3	DVM Sem 5	DVM Sem 7	
July - December	BSc Sem 1	BSc Sem 3	BSc Sem 5 / DVM Sem 2	DVM Sem 4	DVM Sem 6	DVM Sem 8

- BSc Sem 1 to Sem 3: Students will be in NUS reading modules fulfilling part of the BSc.
- BSc Sem 4 to Sem 5: Students will be reading eight subjects in UoMelb as Year 1 of the DVM that will double-count towards the BSc, with credit-and-grade transfer (equivalent to 48MCs).
- Academic calendar in NUS: Sem 1 – August to December and Sem 2 – January to May.
- Academic calendar in UoMelb: Sem 1 – February to June and Sem 2 – July to November.

### 2. Tuition Fee

Semester	Tuition Fee Payable To	Tuition Fee Rate
NUS BSc Semesters 1 to 3	Tuition fee is payable to NUS for the BSc degree.	NUS annual tuition fees are available <a href="#">here</a> .
UoMelb DVM Semesters 1 and 2	Tuition fee is payable to UoMelb on the basis as a study abroad student at UoMelb, reading courses at graduate band 3.	UoMelb study abroad tuition fee for inbound students for graduate band 3 is available <a href="#">here</a> .
UoMelb DVM Semesters 3 to 8	Tuition fee is payable to UoMelb for the Doctor of Veterinary Medicine degree.	UoMelb annual tuition fee for international graduate students reading Doctor of Veterinary Medicine is available <a href="#">here</a> .

### 3. Admissions

*Open to successful candidates who have been offered a place with NUS Faculty of Science.*

**Eligible undergraduate candidates will need to gain entry to NUS Faculty of Science and declare to read Life Sciences Major as the primary discipline.**

Application window is in May; the shortlisting and selection will be conducted in June. The outcome of the application will be released in July. All applicants will be considered, and shortlisted candidates will be required to attend an interview to assess their academic competencies, experience relevant to veterinary studies, aptitude for the programme, and other relevant criteria.

### 4. Continuation Requirements

Successful candidates joining the programme will need to meet the continuation requirements in order to maintain the participation. UoMelb will review each NUS Life Sciences Major participant with these criteria before confirming the offer for entry to the DVM at the end of the Semester 3 of the CDP.

The continuation requirements for Cohort AY2020/21 onwards are:

#### While student is in NUS

No.	Continuation Criteria	Descriptions
1.	CDP Continuation CAP	<ul style="list-style-type: none"> <li>- Attain a continuation CAP of 4.0 or above (out of 5.00) by the end of Semester 2 for a provisional offer from UoMelb for entry to the first year of the DVM, and maintain or improve this CAP by the end of Semester 3 to proceed with the study abroad year in UoMelb.</li> <li>- Different from the displayed NUS CAP, this continuation CAP is computed using grades before S/U option is exercised, and only from completed modules with LSM, CM and ST prefixes as well as the module SP1541. A 3:1 weightage will be placed on Level 2000/3000 modules relative to Level 1000 modules, if there is any module above Level 1000 completed at the point of computation.</li> <li>- Any student whose continuation CAP falls below 4.00 after Semester 3 will be required to exit the CDP.</li> </ul>
2.	Personal Statement	<ul style="list-style-type: none"> <li>- Submit a one-page personal statement of no longer than 500 words, to demonstrate long-standing interest and commitment to animal health, production and welfare, by the end of Semester 2. This should include an introduction (maximum 100 words) and a table documenting any experience with animal handling, such as work experience relevant to veterinary science, participation in animals care or welfare organisations or other relevant activities.</li> <li>- The table should document each activity undertaken with date(s), duration (in terms of hours), description of the</li> </ul>

		<p>activity and a contact email address that can verify the commitment had occurred.</p> <ul style="list-style-type: none"> <li>- This can be regarded as an update to the personal statement submitted as one of the items for the CDP application.</li> </ul>
3.	Online Situational Judgement Test	<ul style="list-style-type: none"> <li>- Undertake an online situational judgement test in September/October, during Semester 1 or 3. The test assesses people-centric attributes, such as empathy, professionalism, resilience and ethics.</li> <li>- Details of this CASPer situational judgement test is available at <a href="https://altusassessments.com/casper/how-it-works/">https://altusassessments.com/casper/how-it-works/</a>.</li> </ul>

#### While student is in UoMelb for the study abroad year

Students must pass prescribed subjects undertaken at UoMelb for articulation into the DVM degree. A student who does not meet the requirements will be required to exit the CDP. The student will then return to NUS to complete the BSc degree, considering all the accepted credit transfer stated for this CDP for any DVM subject completed. The withdrawal and termination processes will follow that of the host university.

#### **5. Application for Cohort AY2020/21 Intake**

The application and selection are from May to July 2020, for the incoming freshman starting undergraduate studies in AY2020/2021. On top of having accepted the offer from the NUS Faculty of Science, applicants should have a good pass in the subject biology at pre-university level (i.e. a good pass in H2/GCE A-Level Biology or equivalent) and substantial experience in animal handling. Shortlisted applicants will be invited to an interview.

Application window	<b>4 to 29 May 2020</b>
Online application portal	The portal will be accessible in May. Please <a href="#">click here</a> to apply next month.
Documents to prepare for uploading as part of application	<p>In a single PDF document labelled with applicant's name:</p> <ul style="list-style-type: none"> <li>- One-page personal statement of interest in this programme and highlights of relevant credentials (max. 500 words);</li> <li>- CV/Résumé;</li> <li>- A copy of the academic transcript for GCE 'A' Level, IB, Diploma or equivalent pre-university qualification;</li> <li>- A copy of the NUS Office of Admissions offer letter.</li> </ul> <ul style="list-style-type: none"> <li>• If multiple PDF documents are uploaded instead, please labelled with applicant's name and relevant note (e.g. statement, CV, transcript, offer).</li> <li>• The one-page personal statement should include a table documenting experience with animal handling, listing each activity undertaken with date(s), duration (in terms of hours), description of the activity and a contact email address that can verify the commitment had occurred.</li> </ul>
Interview	Shortlisted applicants will be informed the mode of interview and it will tentatively take place <b>15 to 26 June 2020</b> (may be subjected to changes).
Application outcome	All applicants will be informed the outcome by <b>20 July 2020</b> .

## 6. Enquiry

Please contact Life Sciences Enquiry [dbsbox2@nus.edu.sg](mailto:dbsbox2@nus.edu.sg).

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*Please see recommended study plan for this CDP on Page 5.*

*Please see the list of subjects in The University of Melbourne and corresponding NUS module codes to be mapped to for credit-and-grade transfer, on Page 6.*

## Schedule for Completion of BSc in Life Sciences Cohorts AY2018/19 and after

### Study Plan for Concurrent Doctor of Veterinary Medicine (DVM) Articulation at The University of Melbourne.

Numbers in [ ] indicates Modular Credits (MC).

	Semester	Life Sciences Major Modules	Other Graduation Requirements
YEAR 1	Semester 1 & Semester 2	<input type="checkbox"/> LSM1102 Molecular Genetics [4] <input type="checkbox"/> LSM1105 Evolutionary Biology [4] <input type="checkbox"/> LSM1106 Molecular Cell Biology [4] <input type="checkbox"/> CM1401 Chemistry for Life Sciences [4] <input type="checkbox"/> ST1232 Statistics for Life Sciences [4]  <input type="checkbox"/> LSM2191 Laboratory Techniques in Life Sciences [4] <input type="checkbox"/> <b>Pass 3 LSM22xx</b> (except LSM2288/9) [3X4=12]:  _____  Recommended LSM22xx: LSM2211 Metabolism and Regulation LSM2212 Human Anatomy LSM2233 Cell Biology LSM2252 Biodiversity	<input type="checkbox"/> <b>GER – Quantitative Reasoning [4]</b> <input type="checkbox"/> <b>GET – Thinking and Expression [4]</b> <input type="checkbox"/> <b>GEH – Human Culture [4]</b> <input type="checkbox"/> <b>GES – Singapore Studies [4]</b> <input type="checkbox"/> <b>GEQ – Asking Questions [4]</b>  <b>Faculty Requirements:</b> <input type="checkbox"/> <b>Either CS1010 (or variant) or COS2000 for Computational Thinking [4]</b>  <input type="checkbox"/> <b>SP1541 Exploring Science Communication through Popular Science [4]</b>
	Semester 3	<b><u>Four Unrestricted Elective Modules (UEM) [4X4=16]:</u></b>  <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____  Recommended: LSM1303 Animal Behaviour LSM3212 Human Physiology: Cardiopulmonary System LSM3223 Immunology LSM3233 Developmental Biology	
YEAR 2	Semester 4		<b><u>DVM Subjects at The University of Melbourne [4X6=24]</u></b> {Grade-and-Credit-Transfer; fulfil LS Major Level 3000 and UEM}  <input type="checkbox"/> LSX3911 [6] – VETS20014 Foundations of Animal Health 1 <input type="checkbox"/> LSX3913 [6] – VETS30013 Animal Health in Production System <input type="checkbox"/> LSX3915 [6] – VETS30015 Veterinary Bioscience: Cells to Systems <input type="checkbox"/> LSX3916 [6] – VETS30016 Veterinary Bioscience: Digestive System
	Semester 5		<b><u>DVM Subjects at The University of Melbourne [4x6=24]</u></b> {Grade-and-Credit-Transfer; fulfil remaining MC for UEM}  <input type="checkbox"/> LSX3912 [6] – VETS20015 Foundations of Animal Health 2 <input type="checkbox"/> LSX3914 [6] – VETS30014 Veterinary Bioscience: Cardiovascular System <input type="checkbox"/> LSX3917 [6] – VETS30017 Veterinary Bioscience: Metabolism <input type="checkbox"/> LSX3918 [6] – VETS30018 Veterinary Bioscience: Respiratory System
YEAR 3			

## Subjects in The University of Melbourne and corresponding NUS module codes.

Each NUS LSX module carries 6MC and reflects the actual title of the corresponding DVM subject.

DVM subject	Semester	NUS module code	URL
Foundation of Animal Health 1, VETS20014 (170 hours)	4	LSX3911 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS20014">https://handbook.unimelb.edu.au/view/current/VETS20014</a>
Veterinary Bioscience: Cells to Systems, VETS30015 (170 hours)	4	LSX3915 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS30015">https://handbook.unimelb.edu.au/view/current/VETS30015</a>
Veterinary Bioscience: Digestive System, VETS30016 (170 hours)	4	LSX3916 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS30016">https://handbook.unimelb.edu.au/view/current/VETS30016</a>
Veterinary Bioscience: Metabolism, VETS30017 (170 hours)	4	LSX3917 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS30017">https://handbook.unimelb.edu.au/view/current/VETS30017</a>
Foundations of Animal Health 2, VETS20015 (170 hours)	5	LSX3912 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS20015">https://handbook.unimelb.edu.au/view/current/VETS20015</a>
Veterinary Bioscience: Respiratory System, VETS30018 (170 hours)	5	LSX3918 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS30018">https://handbook.unimelb.edu.au/view/current/VETS30018</a>
Veterinary Bioscience: Cardiovascular System, VETS30014 (170 hours)	5	LSX3914 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS30014">https://handbook.unimelb.edu.au/view/current/VETS30014</a>
Animal Health in Production System, VETS30013 (204 hours)	5	LSX3913 (6 MC)	<a href="https://handbook.unimelb.edu.au/view/current/VETS30013">https://handbook.unimelb.edu.au/view/current/VETS30013</a>