

**IMPORTANT NOTE**

Before applying for any summer/winter programme, read the [GRO website](#) for important information on:

- General Eligibility Requirements and Application Process
- Module Mapping and Financial Aid
- Visa Application, Travel Advisories and Student Insurance

**University of Hohenheim Virtual Summer Programme  
Pathogens, Parasites and their Hosts: Ecology, Molecular Interactions and Evolution**

<b>Host University Website</b>	<a href="https://www.euroleague-study.org/en/pph">https://www.euroleague-study.org/en/pph</a>
<b>Programme Location</b>	Online
<b>Programme Dates</b>	12 - 30 July 2021
<b>Application Deadline at TU Darmstadt's website</b>	30 April 2021

*Information accurate as of March 2021*

**COVID-19-related updates**

Due to the COVID-19 situation, the host university has announced that they are offering their summer courses in 2021 online.

Students may apply for module mapping and transfer a maximum of eight (8) MCs (this is applicable only to electronic summer programmes 2021). Please note that some Schools or Faculties (including School of Computing) will not approve module mapping for remote or online courses. Please check with your home School or Faculty Dean's Office to determine if module mapping can be approved for remote/online courses before applying to the partner university.

**ESTIMATED COST OF PARTICIPATION**

1	<b>Programme Fee</b>	The online course in 2021 is free of costs
2	<b>Financial Aid Available Through NUS GRO</b>	Financial Aid options will not be available for programmes/classes that are conducted fully online. If programmes are hybrid, only on-site participation would qualify a student for financial aid. If a physical/on-site programme switches to fully online before the commencement of the programme, NUS reserves the right to adjust or retract the financial aid package

**PROGRAMME DETAILS**

4	<b>Academic Content</b>	<p>Pathogen-host interactions are a major focus in the work of several institutes at the University of Hohenheim. In a joint initiative of the Faculties of Agricultural Sciences and Natural Sciences, host-pathogen interactions will be the subject of a 3 weeks summer school in July 2020.</p> <p>The summer school will introduce into the ecology, molecular interactions, and evolution of pathogen-host relationships with respect to animals, plants, and microorganisms, These topics will be addressed in a series of lectures and online</p>
---	-------------------------	---

		<p>laboratory experiments. Following an integrative approach, the aim of the summer school will be a comparison of different biological systems, showing both striking similarities and surprising peculiarities.</p> <p><b>How pathogens meet their hosts:</b></p> <ul style="list-style-type: none"> <li>• Behavioural mechanisms</li> <li>• Chemical and physical recognition</li> <li>• Life cycles and zoonoses</li> <li>• Mechanisms of invasion</li> </ul> <p><b>Host resistance:</b></p> <ul style="list-style-type: none"> <li>• Host resistance in plants and animals</li> <li>• Secondary plant compounds</li> <li>• Innate immunity</li> <li>• Immunology of inflammation</li> </ul> <p><b>How to overcome host defence:</b></p> <ul style="list-style-type: none"> <li>• Immune suppression</li> <li>• Antigenic variation</li> <li>• Molecular mimikry</li> <li>• Toxins</li> </ul> <p><b>Coevolution:</b></p> <ul style="list-style-type: none"> <li>• Adaptation between host and pathogen</li> <li>• Breeding of resistant plants and animals</li> <li>• Resistance genes in plants and animals</li> <li>• Multitrophic level interactions</li> </ul>
5	<b>Eligibility Requirements</b>	<p>The course is aimed at students of biology and agricultural sciences or related subjects who have already passed university elementary courses of at least 2 years (NUS undergraduates in their third year of studies and above).</p> <p>NUS' generic eligibility requirements apply, please see GRO website for details.</p>
7	<b>Application Procedure at NUS</b>	<p>Please apply through NUS Education Records System - Global Education (<a href="#">EduRec-GE</a>) first if you want to do module mapping.</p> <p><b>You should also apply to the host university concurrently once you have submitted an application in NUS Edu-Rec.</b></p>
8	<b>Application Procedure at Host University</b>	Apply <a href="#">here</a> .
9	<b>Confirmation of participation</b>	You will be informed by the host via email about possible financial support together with the information on your acceptance or rejection.

		<p>You have to accept EduRec-GE offer as well as the host university offer to confirm your participation in this programme.</p> <p>Please read the cancellation policy of this programme before accepting and paying for the programme.</p>
10	<b>Module Mapping</b>	<p>You can start the module mapping process after you apply in EduRec and accept the offer for the programme. Click <a href="#">here</a> for a step-by-step guide on applying for module mapping. Please read the <a href="#">FAQs</a> on module mapping for Summer Programmes in 2021.</p> <p>For clarification, students may contact the SEP administrators/coordinators at their respective home Faculty/School Dean's Office or the academic department. Module mapping request is subjected to approval from the Faculties.</p>
11	<b>Transcript</b>	<p>Please provide a valid, personal mailing address in the online registration portal so that the host can send your transcript to you after the summer programme.</p> <p>Please <b>do not</b> request for your transcript to be mailed to NUS Global Relations Office (GRO).</p>

<b>ADDITIONAL INFORMATION</b>		
15	<b>Contact Information</b>	<p><b>Contact person for administrative questions</b>            Dr. Gabriele Klumpp            Coordination Euroleague for Life Sciences (780)            Fruwirthstr. 12, Verfügungsgebäude, 235            D-70593 Stuttgart            Phone: +49 711 45924012            Fax: +49 711 459 24347            E-Mail: <a href="mailto:Gabriele.Klumpp@ua.uni-hohenheim.de">Gabriele.Klumpp@ua.uni-hohenheim.de</a></p> <p><b>Contact person for scientific questions</b>            Dr. Thomas Romig  <a href="mailto:Thomas.Romig@uni-hohenheim.de">Thomas.Romig@uni-hohenheim.de</a>            Institute for Zoology, Section of Parasitology            University of Hohenheim</p> <p>Questions about module mapping? Visit this <a href="#">webpage</a>.</p> <p>Questions specific to NUS GRO? Contact us at: <a href="#">askGRO</a></p>