



The Study Abroad Team are delighted to introduce research projects open to inbound exchange students in Semester 1 2018/19.

A variety of placements are available in Computer Science and Music. These projects will challenge and inspire students to consider their subject from a new perspective. Each project is worth 15 University of Liverpool credits

Please see in this booklet the full list of research projects available.

Students applying for the semester research projects must complete an expression of interest form by Thursday 24th May which will be considered by the project supervisor.

Please note that the expression of interest form is **separate to your Mobility Online application**. You must still submit your module choices by 15th May.

If you are successful in your application to the semester research projects you will be contacted by the Study Abroad Team. We may ask you to substitute one of your module choices for a research project.

If you are not successful in your semester research application this time around, your regular Study Abroad application will not be affected.

Contents

P2 Computer Science

P3 Music

COMPUTER SCIENCE				
Project number	SUBJECT AREA	PROJECT TITLE	ACADEMIC LEAD	PLACES AVAILABLE
#1	Algorithms	Induced Matching in Regular Graph	Dr. Michele Zito	1
#2	Algorithms	The Algorithmic of Domestic Energy Management Systems	Dr. Michele Zito	1
#3	Algorithms	Algorithms, networks and mobile agents	Prof. Leszek A Gasieniec	1
#4	Artificial Intelligence	Deep learning, to study its safety and interpretability	Dr. Xiaowei Huang	1
#5	Artificial Intelligence	Multiagent Systems	Dr. Xiaowei Huang	1
#6	Artificial Intelligence	Developer Tools for Agent Programming Languages	Dr. Louise Dennis	1
#7	Artificial Intelligence & Sociology	Using twitter for cyber-ethnography	Dr. Floriana Grasso	1

For more information on the University of Liverpool School of Computer Science please visit <https://www.liverpool.ac.uk/study/undergraduate/courses/psychology-bsc-hons/overview/>



MUSIC				
Project number	SUBJECT AREA	PROJECT TITLE	ACADEMIC LEAD	PLACES AVAILABLE
#8	Music/Computer Science	Music Selections for Physical Exercise (app development)	Dr Eduardo Coutinho	1
#9	Music Psychology	The impact of music on cognitive and physical activities	Dr Eduardo Coutinho	1
#10	Music Education	The effectiveness of reflective practice in musical learning for UG students taking the popular	Dr Monica Esslin-Peard, Mr Tony Shorrocks	2

For more information on the University of Liverpool Department of Music please visit <https://www.liverpool.ac.uk/music/>

