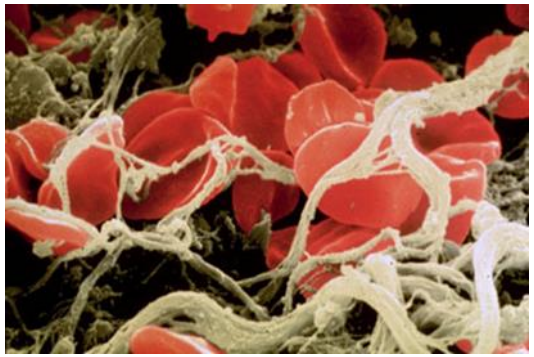
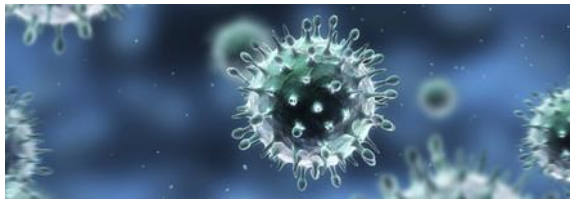
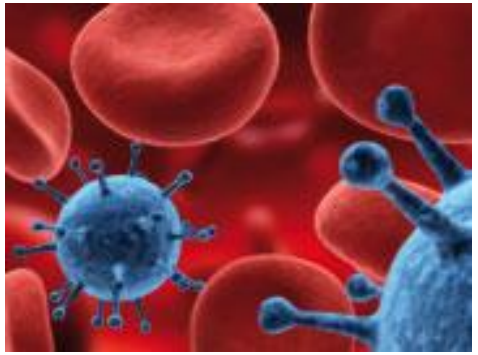
Biomedical Science

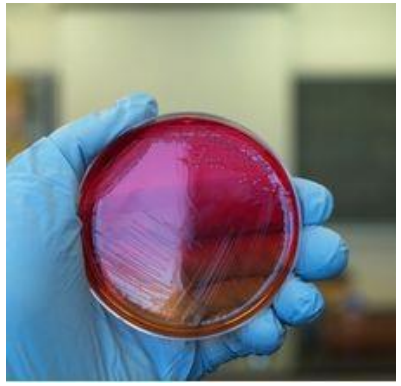


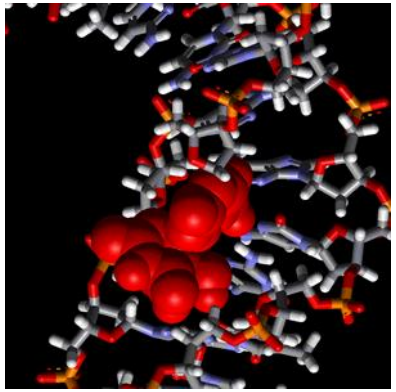


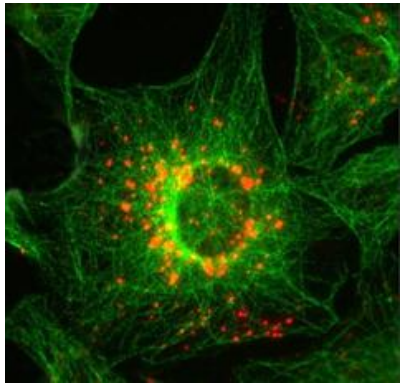


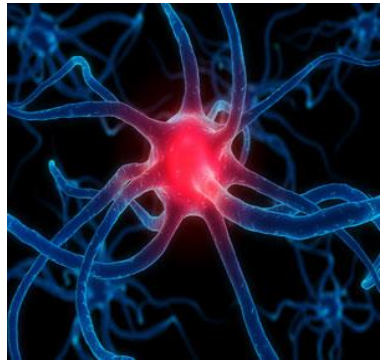
Professor Mike Titheradge

Professor of Biomedical Science









Introduction

Situated within the School of Life Sciences

Annual intake:

75 Biomedical Science students

25 Biochemistry students

UNIVERSITY OF SUSSEX

Why Life Sciences at Sussex?

Ranked 8th /9th in the UK for Biosciences

(Complete University Guide 2018

Guardian University Guide 2018)

Ranked in Top10 in UK for Research Quality

(Research Excellence Framework 2014)

Ranked 2nd in the UK for employment prospects

(Guardian University Guide 2018)

Ranked 4th in UK for Student Satisfaction

(National Student Survey 2017)

UNIVERSITY OF SUSSEX

Biomedical Science Degree

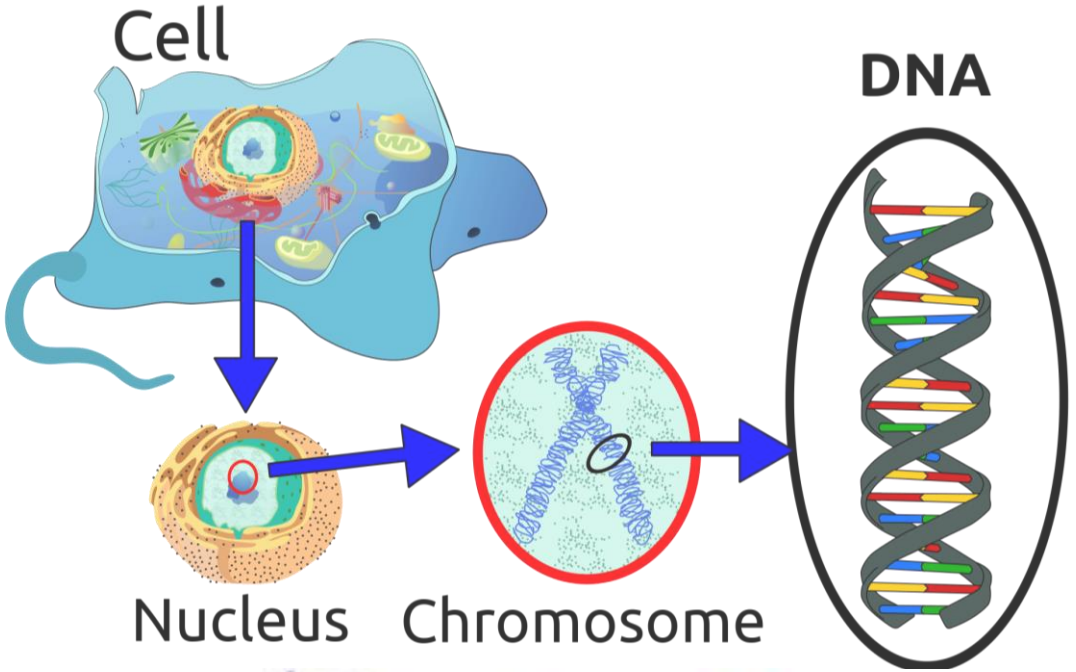
Explaining life at the molecular level

Understanding how/why people get ill, how to diagnose the illness, treat it and monitor the effectiveness of the treatment.

Research-led modules.

Taught by faculty within Life Sciences, Clinicians within the Brighton and Sussex Medical School and NHS Trust

UNIVERSITY OF SUSSEX



Why Biomedical Science at Sussex?

- Demanding science degree in an exciting subject area using modern bioscience approaches to the study of medically-related problems.
- Study in a School with a focus on both teaching and research with state-of-the art facilities and equipment.
- Excellent links to Brighton and Sussex Medical School and Brighton and Sussex University Hospitals Trust.
- Taught by internationally-renowned research faculty, teaching faculty, clinicians and clinical scientists from BSMS and the NHS Trust.

UNIVERSITY OF SUSSEX

Year One

Term	Module
1	Molecular Biology
1	Human Physiology
1	Essential Skills in Life Science
1	Introduction to Human Disease
2	Cell Biology
2	Biological Chemistry
2	Research Methods in Biochemistry
2	Introduction to Metabolism and Pharmacology

UNIVERSITY OF SUSSEX

Year Two

Term	Module
1	Cell Regulation and Cancer
1	Structural Basis of Biological Function
1	Genetics and Genomics
1	Haematology and Anatomy
2	Clinical Biochemistry
2	Medical Microbiology
2	Combating Disease
2	Virology

UNIVERSITY OF SUSSEX

Year Three

Module
Individual Research Project
Six options from a wide range, e.g. Cell Signalling and its Applications in Disease Genome Stability, Genetic Diseases and Cancer Protein Form and Function Genomics and Bioinformatics Immunology in Health and Disease Endocrinology in Health and Disease Molecular Pharmacology

UNIVERSITY OF SUSSEX

Research projects

Answering a real research question

Working in research laboratories with state of the art equipment

Working alongside PhD students and research fellows

Junior Research Associates

UNIVERSITY OF SUSSEX

Teaching methods

A combination of:

Lectures and seminars

Practical classes

Tutorials and independent learning

Problems classes

Research projects

UNIVERSITY OF SUSSEX

Student support

Every student has an Academic Adviser throughout their degree

Tutorials: small group teaching by faculty

Student Mentors: mentoring scheme to help students who require additional academic support

Student Life Centre: disability support, financial advice, links with external support agencies

UNIVERSITY OF SUSSEX

Other ways in which we support your learning

Study Direct: learning management system:

Lecture presentations

Lecture capture

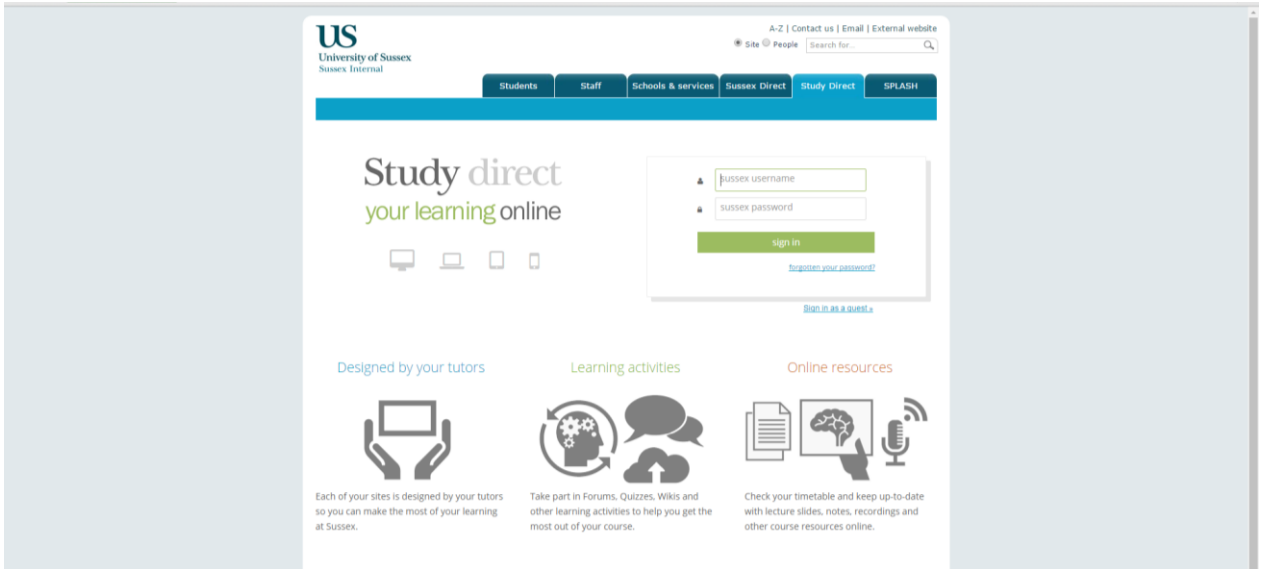
Online forums: student engagement

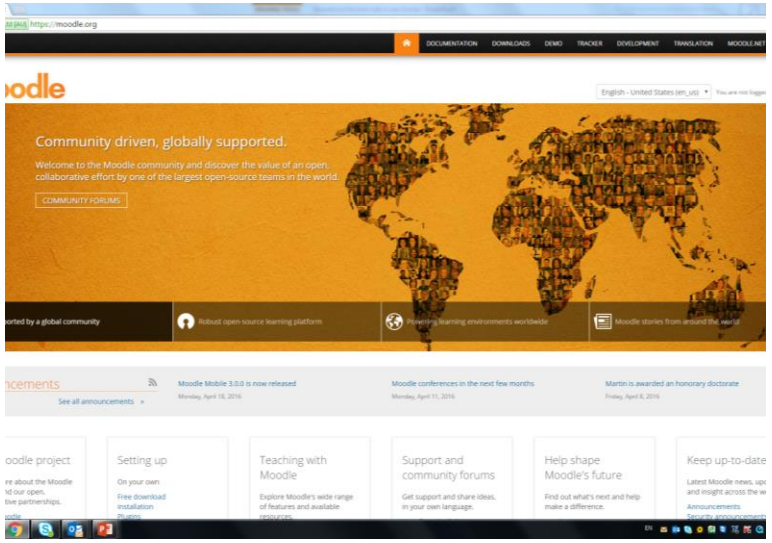
Quizzes online and within lectures

Videos

Electronic submission

UNIVERSITY OF SUSSEX





What can you do afterwards?

Masters/PhD: research career

Pharmaceutical industry

Medically-related careers

Any other graduate profession e.g

Medicine/Physician Associate

94-100% of our students in work/further study after 6 months

UNIVERSITY OF SUSSEX

The advantage of the 2+2 degree?

- You obtain a Bachelor's degree from two top universities in both Thailand and the UK
- Graduating with a BSc at Sussex allows you to be considered for a stand alone Masters program (1 year MSc) or PhD (3 years) at Sussex or other universities both in the UK and worldwide.
- Studying in two countries provides a wealth of experience and transferable skills that will aid you in finding a job or further study at home or abroad including developing your English, analytical skills, independence and communication skills.

UNIVERSITY OF SUSSEX

Masters Programmes

Successful completion of the BSc (Hons) guarantees that you will be considered for a 1 Years Masters course at Sussex

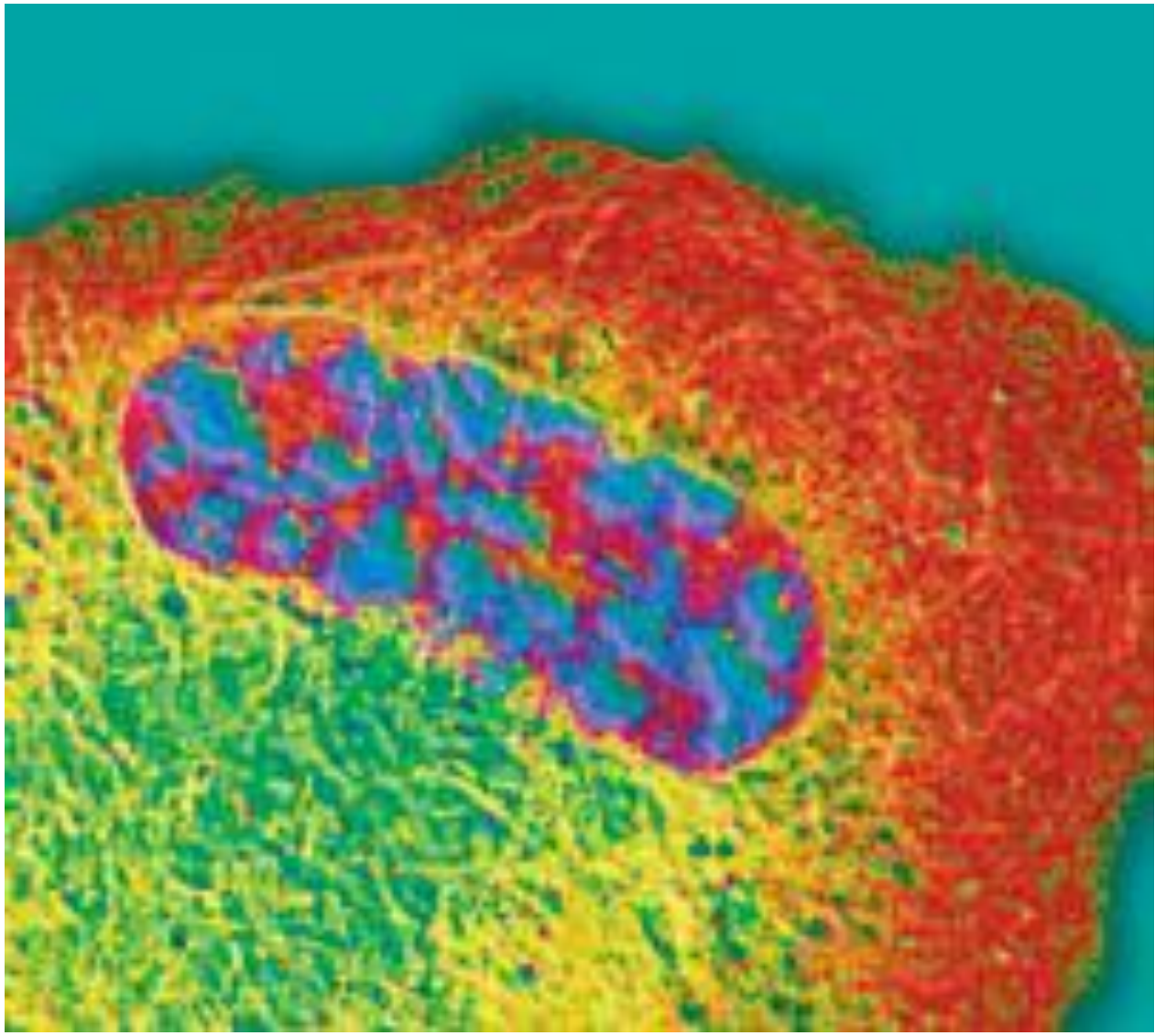
Cancer Cell Biology MSc

Genetic Manipulation and Molecular Cell Biology MSc

Neuroscience MSc and MRes

Global Health

UNIVERSITY OF SUSSEX



The Application Process

- Students must apply through the UCAS application scheme for 2nd Year entry to Biomedical Science at Sussex during their 2nd year of study at Mahidol.

- Support with the application will be provided by the appointed Sussex Representative (Superior Education Agency). This will include advice on the application process, your personal statement and visa application.

UNIVERSITY OF SUSSEX

Entrance Requirements

- Successful completion of two years' study at Mahidol with a minimum Grade Point Average (GPA) of 2.8 or above for Year 2 of your studies.

Qualification	Requirements
IELTS	6.5 overall, with not less than 6.0 in each section
Pearson's Test of English (Academic)	62 overall with at least 56 in all four skills
TOEFL (iBT) internet based test (NB: TOEFL (PBT) paper based test will not be accepted)	88 overall, including at least 20 in Listening, 19 in Reading, 21 in Speaking, 23 in Writing

UNIVERSITY OF SUSSEX

Pre-sessional English

- All students will be encouraged participate in our Pre-sessional English programme to help adjust to studying in the UK and improve their working knowledge of English.

- Students that do not meet the English language requirement necessary to progress into Year 2 (IELTS score of 6.0 overall) will be required to take the Pre-sessional English course.

- This last for five weeks offered by the Sussex Centre for Language Studies (SCLS), The tuition fee will be covered by the School of Life Sciences, although tudents will be expected to cover the costs for their accommodation and living costs.

UNIVERSITY OF SUSSEX

The advantage of the 2+2 degree?

- You obtain a Bachelor's degree from two top universities in both Thailand and the UK
- Graduating with a BSc at Sussex will allow you to be considered for a stand alone Masters program (1 year MSc) or PhD at Sussex or other UK universities (3 years).
- Studying in two countries provides you with a wealth of experience and transferable skills that will aid you in finding a job or further study at home or abroad including developing your English, analytical skills, independence and communication skills.

UNIVERSITY OF SUSSEX

The Cost - Tuition

Number of new students registering per year	Percentage of first year tuition fee paid as contribution	Individual tuition fee for first year at US (Year 2) based on academic year 2017 fees	Individual tuition fee for second year at US (Year 3) based on academic year 2017 fees	Total
1-10	10	18750* GBP	18750 GBP	37500 GBP
11+	15	18750* GBP	18750 GBP	37500 GBP

* When the number of new students registered is known, then 10% of the Year 1 tuition fee will be reimbursed for 1-10 students registering and 15% for11+ students.

Sussex will provide two Sussex Excellence Scholarships for each cohort to be awarded to the two students who obtain the highest academic marks at the end of their study at Mahidol. The amount of the scholarship will be £3000 for the first year of study at Sussex. A further £3000 Prize will be awarded to the two students in each cohort who obtain who the highest marks on completion of Year 3 at Sussex.

The Cost – Living Expenses

Item	Estimated Cost
Rent on campus*	£88.56–£153.01
Food and household goods	£35-40
Mobile phone	£6-10
Laundry	£5
Local Travel (based on annual and 7-day local bus saver tickets)	£9.35-12.50
Insurance (personal)	£1.10-3.64
Book and equipment	£7-12
TOTAL	**£161.98-236.15**

*This table includes single and en-suite rooms on campus, free wi-fi and insurance.

UNIVERSITY OF SUSSEX