

## DIVISION OF NATURAL SCIENCES

### School of Biosciences

School Website: [www.kent.ac.uk/bio](http://www.kent.ac.uk/bio)

Please refer to the online **Module Catalogue** for full details of all modules:  
[www.kent.ac.uk/courses/modules](http://www.kent.ac.uk/courses/modules)

**Note: It is ultimately your responsibility to ensure that you are registered for the correct modules for your course.**

**Please select a link below to view the requirements for your course:**

- [Biomedicine](#)
- [Biotechnology and Bioengineering](#)
- [Infectious Diseases](#)
- [Reproductive Medicine: Science and Ethics](#)

*The information contained herein is correct at the time of publication. Please note, however, that if a module recruits fewer than 8 students it is possible that it will not run. In this event, you will be contacted and asked to select an alternative module.*

**STAGE 1 – 120 credits**

You must take the following compulsory modules (45 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS8590	Practical Molecular Biology and Genome Editing	15	Autumn	7
BIOS8600*	Research, Ethics and Impact	15	Autumn	7
BIOS8690	Research Skills in Biomedicine	15	Autumn	7

\*Module cannot be compensated or condoned

**PLUS you must take 75 credits from the following optional modules. At least 45 credits should be selected from the Spring term and at least 30 credits should be taken at Level 7:**

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6060	Pathogens & Pathogenicity	15	Autumn	6
BIOS6270	Haematology and Blood Transfusion	15	Spring	6
BIOS6380 (2b)	Bioinformatics and Genomics	15	Autumn	6
BIOS6420 (2a)	Cancer Biology	15	Autumn	6
BIOS6430 (3a)	Neuroscience	15	Spring	6
BIOS6440	Biology of Ageing	15	Spring	6
BIOS8400	Cancer Therapeutics: from the laboratory to the clinic	15	Spring	7
BIOS8410 (1a)	The Science of Reproductive Medicine	30	Spring	7
BIOS8420	The IVF World	15	Summer	7
BIOS8510	Molecular Processing for Biotechnologists and Bioengineers	30	Spring	7
BIOS8521 (1b)	Analytical and Emerging Technologies for Biotechnology and Bioengineering	15	Spring	7
BIOS8580	Translating (Bio) Science to Business	15	Spring	7
BIOS8620 (1b) (4a)	Pathogen Diagnosis, Therapeutics and Vaccines	15	Spring	7
BIOS8660 (3b)	Biology of Global Pathogens	15	Spring	7
BIOS8670 (3b) (4b)	Outbreaks, Epidemics and Pandemics	15	Spring	7
BIOS8680 (1b)	Infection and Antimicrobial Resistance	15	Spring	7

1a BIOS8410	Cannot be undertaken concurrently with:	1b BIOS8521, BIOS8620, BIOS8680
2a BIOS6420	Cannot be undertaken concurrently with:	2b BIOS6380
3a BIOS6430	Cannot be undertaken concurrently with:	3b BIOS8660, BIOS8670
4a BIOS8620	Cannot be undertaken concurrently with:	4b BIOS8670

**STAGE 2 – 60 credits**

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
BIOS8450*	MSc Project	60	7

\*Module cannot be compensated or condoned

**STAGE 1 – 120 credits – no more than 75 credits per term**

You must take the following compulsory modules (105 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS8510	Advanced Molecular Processing for Biotechnologists and Bioengineers	30	Spring	7
BIOS8521	Analytical and Emerging Technologies for Biotechnology and Bioengineering	15	Spring	7
BIOS8590	Practical Molecular Biology and Genome Editing	15	Autumn	7
BIOS8600	Research, Ethics and Impact	15	Autumn	7
BIOS8640	Research Skills in Biotechnology	15	Autumn	7
BIOS8710	Biotechnology in Action	15	Autumn	7

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS8400	Cancer Therapeutics: from the laboratory to the clinic	15	Spring	7
BIOS8420	The IVF World	15	Summer	7
BIOS8580	Translating (Bio) Science to Business	15	Spring	7
BIOS8620	Pathogen Diagnosis, Therapeutics and Vaccines	15	Spring	7
BIOS8660	Biology of Global Pathogens	15	Spring	7
BIOS8670	Outbreaks, Epidemics and Pandemics	15	Spring	7
BIOS8680	Infection and Antimicrobial Resistance	15	Spring	7
BUSN6130	Entrepreneurship	15	Spring	6

**STAGE 2 – 60 credits**

You must take the following compulsory module (60 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	CREDIT LEVEL
BIOS8450*	MSc Project	60	7

\*Module cannot be compensated or condoned

**STAGE 1 – 120 credits**

You must take the following compulsory modules (105 credits):

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS8590	Practical Molecular Biology and Genome Editing	15	Autumn	7
BIOS8600	Research, Ethics and Impact	15	Autumn	7
BIOS8620	Pathogen Diagnosis, Therapeutics and Vaccines	15	Spring	7
BIOS8630	Research Skills in Infectious Diseases	15	Autumn	7
BIOS8660	Biology of Global Pathogens	15	Spring	7
BIOS8670	Outbreaks, Epidemics and Pandemics	15	Spring	7
BIOS8680	Infection and Antimicrobial Resistance	15	Spring	7

PLUS 15 credits from the following optional modules:

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS6060	Pathogens & Pathogenicity	15	Autumn	6
BIOS6200	Frontiers in Virology	15	Autumn	6
BIOS6380	Bioinformatics and Genomics	15	Autumn	6
BIOS8710	Biotechnology in Action	15	Autumn	7

**STAGE 2 – 60 credits**

You must take the following compulsory module (60 credits):

<b>Compulsory module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>CREDIT LEVEL</b>
BIOS8450*	MSc Project	60	7

\*Module cannot be compensated or condoned

**STAGE 1 – 125 credits – no more than 75 credits per term**

**You must take the following compulsory modules (110 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS8410	The Science of Reproductive Medicine	30	Spring	7
BIOS8420	The IVF World	15	Summer	7
BIOS8590	Practical Molecular Biology and Genome Editing	15	Autumn	7
BIOS8600	Research, Ethics and Impact	15	Autumn	7
BIOS8650	Research Skills in Reproductive Medicine	15	Autumn	7
LAWS9420	Reproductive Justice	20	Spring	7

**PLUS 15 credits from the following optional modules:**

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS6200	Frontiers in Virology	15	Autumn	6
BIOS6270	Haematology and Blood Transfusion	15	Spring	6
BIOS6380	Bioinformatics and Genomics	15	Autumn	6
BIOS6420	Cancer Biology	15	Autumn	6
BIOS6430	Neuroscience	15	Spring	6
BIOS6440	Biology of Ageing	15	Spring	6
BIOS8400	Cancer Therapeutics: from the laboratory to the clinic	15	Spring	7
BIOS8700	Molecular Cytogenetics and Preimplantation Genetic Testing	15	Summer	7

**STAGE 2 – 60 credits**

**You must take the following compulsory module (60 credits):**

<b>Compulsory module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>CREDIT LEVEL</b>
BIOS8450*	MSc Project	60	7

\*Module cannot be compensated or condoned