

# 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 Stage 2+ requirements for your course:**

- [Biochemistry](#)
- [Biochemistry with a Professional Year](#)
- [Biochemistry with a Sandwich Year](#)
- [Biochemistry with a Year Abroad](#)
- [Biology](#)
- [Biology with a Professional Year](#)
- [Biology with a Sandwich Year](#)
- [Biology with a Year Abroad](#)
- [Biomedical Science](#)
- [Biomedical Science with a Professional Year](#)
- [Biomedical Science with a Sandwich Year](#)
- [Biomedical Science with a Year Abroad](#)

*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.*

<b>BIOCHEMISTRY</b> BIOCH:BSC	<b>UBIC0001X1BS-F</b>
<b>BIOCHEMISTRY WITH A PROFESSIONAL YEAR</b> BIOCHPRO-S:BSC	<b>UBIC0001P2BS-F</b>
<b>BIOCHEMISTRY WITH A SANDWICH YEAR</b> BIOCH-S:BSC	<b>UBIC0001P1BS-F</b>
<b>BIOCHEMISTRY WITH A YEAR ABROAD</b> BIOCH(V2)-A:BSC	<b>UBIC0001A1BS-F</b>

Single Honours

**STAGE 2 – 121 credits – up to 75 credits per term**

**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>
BIOS5010	Gene Expression and its Control	15	Spring	5
BIOS5030	Cell Biology	15	Autumn	5
BIOS5050	Infection and Immunity	15	Spring	5
BIOS5130	Human Physiology and Disease 2	15	Autumn	5
BIOS5200	Metabolism and Metabolic Disease	15	Autumn	5
BIOS5210	Metabolism and Metabolic Regulation	15	Spring	5
BIOS5320	Skills for Bioscientists 2	15	Autumn & Spring	5

**PLUS the following extra-curricular compulsory module:**

<b>Compulsory module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS5300	Biosciences Academic Advising and Skills Development II	1 Non-contributory	Autumn & Spring	5

**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>
BIOS5140	Pharmacology	15	Spring	5
BIOS5460	Animal Form and Function	15	Autumn	5
BIOS5480	The Microbial World	15	Spring	5
BIOS5490	The Genome	15	Spring	5

**BIOCHEMISTRY WITH A PROFESSIONAL YEAR**  
BIOCHPRO-S:BSC

**UBIC0001P2BS-F**

Single Honours

**STAGE S – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7980*	Professional Year	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**BIOCHEMISTRY WITH A SANDWICH YEAR**  
BIOCH-S:BSC

**UBIC0001P1BS-F**

Single Honours

**STAGE S – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7970*	Sandwich Year Assessment	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**BIOCHEMISTRY WITH A YEAR ABROAD**  
BIOCH(V2)-A:BSC

**UBIC0001A1BS-F**

Single Honours

**STAGE A – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7960*	Year Abroad	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

<b>BIOCHEMISTRY</b> BIOCH:BSC	<b>UBIC0001X1BS-F</b>
<b>BIOCHEMISTRY WITH A PROFESSIONAL YEAR</b> BIOCHPRO-S:BSC	<b>UBIC0001P2BS-F</b>
<b>BIOCHEMISTRY WITH A SANDWICH YEAR</b> BIOCH-S:BSC	<b>UBIC0001P1BS-F</b>
<b>BIOCHEMISTRY WITH A YEAR ABROAD</b> BIOCH(V2)-A:BSC	<b>UBIC0001A1BS-F</b>

Single Honours

**STAGE 3 – 121 credits – split either 75/45 or 60/60 in Autumn/Spring**

**You must take the following compulsory modules (75 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS6000*	Research Project	30	Autumn & Spring	6
BIOS6040	Biological Membranes	15	Spring	6
BIOS6290	Proteins: Structure and Function	30	Autumn	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**PLUS the following extra-curricular compulsory module:**

<b>Compulsory module:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS6520	Biosciences Academic Advising and Skills Development III	1 Non-contributory	Autumn & Spring	6

**You may take ONE of the following (100% coursework) optional modules (15 credits):**

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS6003	Science Communication and Public Engagement	15	Autumn	6
BIOS6200	Frontiers in Virology	15	Autumn	6
BIOS6380	Bioinformatics and Genomics	15	Autumn	6
BUSN6120	New Enterprise Development	15	Autumn	5

**The remaining 30 or 45 credits (if 15 credit 100% coursework optional module was not chosen above) should be taken from the optional modules below:**

<b>Optional modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS6020	Cell Signalling	15	Autumn	6
BIOS6100	The Cell Cycle	15	Spring	6
BIOS6220	Advanced Immunology	15	Autumn	6
BIOS6420	Cancer Biology	15	Autumn	6
BIOS6430	Neuroscience	15	Spring	6
BIOS6440	Biology of Ageing	15	Spring	6

**BIOLOGY**

BIOL:BSC

UBGY0001X1BS-F

**BIOLOGY WITH A PROFESSIONAL YEAR**

BIOLPRO-S:BSC

UBGY0001P2BS-F

**BIOLOGY WITH A SANDWICH YEAR**

BIOL-S:BSC

UBGY0001P1BS-F

**BIOLOGY WITH A YEAR ABROAD**

BIOL(V2)-A:BSC

UBGY0001A2BS-F

Single Honours

**STAGE 2 – 121 credits**

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

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS5030	Cell Biology	15	Autumn	5
BIOS5050	Infection and Immunity	15	Spring	5
BIOS5130	Human Physiology and Disease 2	15	Autumn	5
BIOS5320	Skills For Bioscientists 2	15	Autumn & Spring	5
BIOS5460	Animal Form and Function	15	Autumn	5
BIOS5470	Plant Physiology and Adaptation	15	Spring	5
BIOS5480	The Microbial World	15	Spring	5

PLUS the following extra-curricular compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS5300	Biosciences Academic Advising and Skills Development II	1 Non-contributory	Autumn & Spring	5

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS5010	Gene Expression and its Control	15	Spring	5
BIOS5490	The Genome	15	Spring	5

**BIOLOGY WITH A PROFESSIONAL YEAR**  
BIOLPRO-S:BSC

**UBGY0001P2BS-F**

Single Honours

**STAGE S – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7980*	Professional Year	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**BIOLOGY WITH A SANDWICH YEAR**  
BIOL-S:BSC

**UBGY0001P1BS-F**

Single Honours

**STAGE S – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7970*	Sandwich Year Assessment	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**BIOLOGY WITH A YEAR ABROAD**  
BIOL(V2)-A:BSC

**UBGY0001A2BS-F**

Single Honours

**STAGE A – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7960*	Year Abroad	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

<b>BIOLOGY</b> BIOL:BSC	<b>UBGY0001X1BS-F</b>
<b>BIOLOGY WITH A PROFESSIONAL YEAR</b> BIOLPRO-S:BSC	<b>UBGY0001P2BS-F</b>
<b>BIOLOGY WITH A SANDWICH YEAR</b> BIOL-S:BSC	<b>UBGY0001P1BS-F</b>
<b>BIOLOGY WITH A YEAR ABROAD</b> BIOL(V2)-A:BSC	<b>UBGY0001A2BS-F</b>

Single Honours

**STAGE 3 – 121 credits – split either 75/45 or 60/60 in Autumn/Spring**

**You must take the following compulsory modules (75 credits):**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6000*	Research Project	30	Autumn & Spring	6
BIOS6100	The Cell Cycle	15	Spring	6
BIOS6280	Microbial Physiology and Genetics	15	Autumn	6
BIOS6500	Eukaryotic Biodiversity and Evolution for Biologists	15	Autumn	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**PLUS the following extra-curricular compulsory module:**

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6520	Biosciences Academic Advising and Skills Development III	1 Non-contributory	Autumn & Spring	6

**You may take ONE of the following (100% coursework) optional modules (15 credits):**

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6003	Science Communication and Public Engagement	15	Autumn	6
BIOS6200	Frontiers in Virology	15	Autumn	6
BIOS6380	Bioinformatics and Genomics	15	Autumn	6
BUSN6120	New Enterprise Development	15	Autumn	5

**The remaining 30 or 45 credits (if 15 credit 100% coursework optional module was not chosen above) should be taken from the optional modules below:**

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
ANTB6250	Homo Sapiens: Biology, Culture and Identity	15	Autumn	5
BIOS6020	Cell Signalling	15	Autumn	6
BIOS6040	Biological Membranes	15	Spring	6
BIOS6060	Pathogens & Pathogenicity	15	Autumn	6
BIOS6220	Advanced Immunology	15	Autumn	6
BIOS6420	Cancer Biology	15	Autumn	6
BIOS6430	Neuroscience	15	Spring	6
BIOS6440	Biology of Ageing	15	Spring	6
SACO5820	The Biology of Mammals: Comparative and Evolutionary Perspectives	15	Spring	6
WCON5010	Climate Change and Conservation	15	Autumn	6

**BIOMEDICAL SCIENCE**

BIOMEDSCI:BSC

UBIO0001X1BS-F

**BIOMEDICAL SCIENCE WITH A PROFESSIONAL YEAR**

BIOMEDSCIPRO-S:BSC

UBIO0001P2BS-F

**BIOMEDICAL SCIENCE WITH A SANDWICH YEAR**

BIOMEDSCI-S:BSC

UBIO0001P1BS-F

**BIOMEDICAL SCIENCE WITH A YEAR ABROAD**

BIOMEDSCI(V2)-A:BSC

UBIO0001A1BS-F

Single Honours

**STAGE 2 – 121 credits – up to 75 credits per term**

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

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS5050*	Infection and Immunity	15	Spring	5
BIOS5130	Human Physiology and Disease 2	15	Autumn	5
BIOS5140	Pharmacology	15	Spring	5
BIOS5200	Metabolism and Metabolic Disease	15	Autumn	5
BIOS5250*	Investigation of Disease	15	Autumn	5
BIOS5320	Skills for Bioscientists 2	15	Autumn & Spring	5
BIOS5480	The Microbial World	15	Spring	5

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

PLUS the following extra-curricular compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS5300	Biosciences Academic Advising and Skills Development II	1 Non-contributory	Autumn & Spring	5

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS5010	Gene Expression and its Control	15	Spring	5
BIOS5030	Cell Biology	15	Autumn	5
BIOS5210	Metabolism and Metabolic Regulation	15	Spring	5



**BIOMEDICAL SCIENCE WITH A PROFESSIONAL YEAR**  
BIOMEDSCIPRO-S:BSC

**UBIO0001P2BS-F**

Single Honours

**STAGE S – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7980*	Professional Year	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**BIOMEDICAL SCIENCE WITH A SANDWICH YEAR**  
BIOMEDSCI-S:BSC

**UBIO0001P1BS-F**

Single Honours

**STAGE S – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7970*	Sandwich Year Assessment	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**BIOMEDICAL SCIENCE WITH A YEAR ABROAD**  
BIOMEDSCI(V2)-A:BSC

**UBIO0001A1BS-F**

Single Honours

**STAGE A – 120 credits**

You must take the following compulsory module (120 credits):

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS7960*	Year Abroad	120	Year-long	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

<b>BIOMEDICAL SCIENCE</b> BIOMEDSCI:BSC	<b>UBIO0001X1BS-F</b>
<b>BIOMEDICAL SCIENCE WITH A PROFESSIONAL YEAR</b> BIOMEDSCIPRO-S:BSC	<b>UBIO0001P2BS-F</b>
<b>BIOMEDICAL SCIENCE WITH A SANDWICH YEAR</b> BIOMEDSCI-S:BSC	<b>UBIO0001P1BS-F</b>
<b>BIOMEDICAL SCIENCE WITH A YEAR ABROAD</b> BIOMEDSCI(V2)-A:BSC	<b>UBIO0001A1BS-F</b>

Single Honours

**STAGE 3 – 121 credits – split either 75/45 or 60/60 in Autumn/Spring**

**You must take the following compulsory modules (75 credits):**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6000*	Research Project	30	Autumn & Spring	6
BIOS6060	Pathogens & Pathogenicity	15	Autumn	6
BIOS6220	Advanced Immunology	15	Autumn	6
BIOS6270*	Haematology and Blood Transfusion	15	Spring	6

\*Failure to attain the learning outcomes in this module may not be compensated or condoned.

**PLUS the following extra-curricular compulsory module:**

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6520	Biosciences Academic Advising and Skills Development III	1 Non-contributory	Autumn & Spring	6

**You may take ONE of the following (100% coursework) optional modules (15 credits):**

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6003	Science Communication and Public Engagement	15	Autumn	6
BIOS6200	Frontiers in Virology	15	Autumn	6
BIOS6380	Bioinformatics and Genomics	15	Autumn	6
BUSN6120	New Enterprise Development	15	Autumn	5

**The remaining 30 or 45 credits (if 15 credit 100% coursework optional module was not chosen above) should be taken from the optional modules below:**

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
BIOS6020	Cell Signalling	15	Autumn	6
BIOS6040	Biological Membranes	15	Spring	6
BIOS6280	Microbial Physiology and Genetics	15	Autumn	6
BIOS6420	Cancer Biology	15	Autumn	6
BIOS6430	Neuroscience	15	Spring	6
BIOS6440	Biology of Ageing	15	Spring	6