

# DIVISION OF NATURAL SCIENCES

## SCHOOL OF BIOSCIENCES

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

### Stage 1 and 0 (*Foundation where applicable*)

All courses, unless specified in the subject requirements for that course, require that you take modules amounting to 120 credits in total, 60 credits in Autumn and 60 credits in Spring.

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.**

### SCHOOL OF BIOSCIENCES

- [Foundation Year subject requirements](#)
- [Biochemistry: BSC](#)
- [Biochemistry with a Foundation Year](#)
- [Biochemistry with a Sandwich Year: BSC](#)
- [Biochemistry with a Year Abroad: BSC](#)
- [Biology: BSC](#)
- [Biology with a Foundation Year](#)
- [Biology with a Sandwich Year: BSC](#)
- [Biology with a Year Abroad: BSC](#)
- [Biomedical Science: BSC](#)
- [Biomedical Science with a Foundation Year](#)
- [Biomedical Science with a Sandwich Year: BSC](#)
- [Biomedical Science with a Year Abroad: BSC](#)

*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.*

**BIOCHEMISTRY WITH A FOUNDATION YEAR**  
**BIOLOGY WITH A FOUNDATION YEAR**  
**BIOMEDICAL SCIENCE WITH A FOUNDATION YEAR**

**UBIC0001F1BS-F**  
**UBGY0001F1BS-F**  
**UBIO0001F1BS-F**

Single Honours

**Foundation Year – STAGE 0 – 120 credits**

**You must take the following compulsory modules (80 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
NATS0001*	Foundation Biology	20	Autumn	3
NATS0002*	Foundation Chemistry	20	Autumn	3
NATS0003*	Scientific Methods and Data Handling	20	Autumn	3
NATS0004*	Scientific Methods and Academic Skills Development	20	Spring	3

\*Modules cannot be compensated or condoned

**PLUS 40 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>
NATS0005* † ‡	Fundamental Human Biology and Genetics	20	Spring	3
NATS0006*	Fundamentals of Sport and Exercise Science	20	Spring	3
NATS0007* †	Chemical Reactivity and Analysis	20	Spring	3

\*Module cannot be compensated or condoned

‡ Recommended for Biology and Biomedical Science courses

† Recommended for Biochemistry programmes

**BIOCHEMISTRY**

**UBIC0001X1BS-F**

**BIOCHEMISTRY WITH A FOUNDATION YEAR**

**UBIC0001F1BS-F**

**BIOCHEMISTRY WITH A SANDWICH YEAR**

**UBIC0001P1BS-F**

**BIOCHEMISTRY WITH A YEAR ABROAD**

**UBIC0001A1BS-F**

Single Honours

**STAGE 1 – 121 credits**

**You must take the following compulsory modules (120 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
<a href="#">BIOS3000</a>	The Molecules of Life	15	Autumn	4
<a href="#">BIOS3010</a>	Enzymes and Introduction to Metabolism	15	Spring	4
<a href="#">BIOS3020</a>	Molecular and Cellular Biology	15	Autumn	4
<a href="#">BIOS3070</a>	Human Anatomy and Physiology I	15	Spring	4
<a href="#">BIOS3080</a>	Skills for Bioscientists	15	Autumn & Spring	4
<a href="#">BIOS3220</a>	Biological Chemistry B	30	Autumn & Spring	4
<a href="#">BIOS3240</a>	Genetics and Evolution	15	Autumn	4

**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>
<a href="#">BIOS4000</a>	Biosciences Academic Advising and Skills Development I	1 Non-contributory	Autumn & Spring	4

**BIOLOGY**

**UBGY0001X1BS-F**

**BIOLOGY WITH A FOUNDATION YEAR**

**UBGY0001F1BS-F**

**BIOLOGY WITH A SANDWICH YEAR**

**UBGY0001P1BS-F**

**BIOLOGY WITH A YEAR ABROAD**

**UBGY0001A2BS-F**

Single Honours

**STAGE 1 – 121 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>
<a href="#">BIOS3000</a>	The Molecules of Life	15	Autumn	4
<a href="#">BIOS3010</a>	Enzymes and Introduction to Metabolism	15	Spring	4
<a href="#">BIOS3020</a>	Molecular and Cellular Biology	15	Autumn	4
<a href="#">BIOS3070</a>	Human Anatomy and Physiology I	15	Spring	4
<a href="#">BIOS3080</a>	Skills for Bioscientists	15	Autumn & Spring	4
<a href="#">BIOS3230</a>	Biodiversity of Life	15	Spring	4
<a href="#">BIOS3240</a>	Genetics and Evolution	15	Autumn	4

**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>
<a href="#">BIOS4000</a>	Biosciences Academic Advising and Skills Development I	1 Non-contributory	Autumn & Spring	4

**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>
<a href="#">BIOS3210</a> †	Biological Chemistry A	15	Autumn & Spring	4
<a href="#">BIOS3211</a> †	Biological Chemistry A	15	Autumn & Spring	4
<a href="#">HECO3030</a>	Survey and Monitoring for Biodiversity	15	Spring	4
<a href="#">WCON3111</a>	Principles of Biogeography and Ecology	15	Spring	4

† This module is for students who have A2 Chemistry at grades A-C (or equivalent). BIOS3211 is for students without A2 Chemistry or A2 Chemistry at grades D-E. For Foundation Year students, those who have achieved 60% or above in NATS0002 should take BIOS3210. Those who have achieved less than 60% in NATS0002 should take BIOS3211.

**BIOMEDICAL SCIENCE**

**UBIO0001X1BS-F**

**BIOMEDICAL SCIENCE WITH A FOUNDATION YEAR**

**UBIO0001F1BS-F**

**BIOMEDICAL SCIENCE WITH A SANDWICH YEAR**

**UBIO0001P1BS-F**

**BIOMEDICAL SCIENCE WITH A YEAR ABROAD**

**UBIO0001A1BS-F**

Single Honours

**STAGE 1 – 121 credits**

**You must take the following compulsory modules (90 credits):**

<b>Compulsory modules:</b>	<b>MODULE TITLE</b>	<b>CREDIT AMOUNT</b>	<b>TERM TAUGHT</b>	<b>CREDIT LEVEL</b>
BIOS3000	The Molecules of Life	15	Autumn	4
BIOS3010	Enzymes and Introduction to Metabolism	15	Spring	4
BIOS3020	Molecular and Cellular Biology	15	Autumn	4
BIOS3070	Human Anatomy and Physiology I	15	Spring	4
BIOS3080	Skills for Bioscientists	15	Autumn & Spring	4
BIOS3240	Genetics and Evolution	15	Autumn	4

**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>
BIOS4000	Biosciences Academic Advising and Skills Development I	1 Non-contributory	Autumn & Spring	4

**PLUS 30 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>
BIOS3220 †	Biological Chemistry B	30	Autumn & Spring	4
BIOS3221 †	Biological Chemistry B	30	Autumn & Spring	4

† This module is for students who have A2 Chemistry at grades A-C (or equivalent). BIOS3221 is for students without A2 Chemistry or A2 Chemistry at grades D-E. For Foundation Year students, those who have achieved 60% or above in NATS0002 should take BIOS3220. Those who have achieved less than 60% in NATS0002 should take BIOS3221.