UNIVERSITY^{OF} BIRMINGHAM

Undergraduate programmes in

- □ Biochemistry
- □ Human Biology
- □ Biological Sciences

From molecules and cells to organisms and their environment, Biosciences is an exciting area to study and is contributing to major advances related, for example, to human and environmental health, medicine and food security.

Professor Steve Busby Head of School of Biosciences

Challenge what you know.

School of Biosciences

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Welcome to Biosciences

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Dr Klaus Fütterer

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Professor Steve Busby

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Learn more

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www.birmingham.ac.uk/biosciences





How to apply

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Visit the School of Biosciences

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Which programmes should I apply for?

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Four-year degree programmes

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Subjects required

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Biochemistry degrees

What is biochemistry?

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Biochemistry modules year by year



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First year

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Second year

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Final year

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Second year

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Final year

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David Willetts, MP Minister for Universities and Science

Specialisations within the **Biochemistry Programme**

Biochemistry C700

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Medical Biochemistry C720

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Biochemistry (Genetics) CC74

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Biochemistry with Biotechnology C700

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Biochemistry with Molecular Cell Biology C700

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Graduate with a Masters degree

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Work experience while doing your degree

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A year abroad while doing your degree

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man Biology degrees

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Beth, first year student

Human Biology modules year by year

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First year

Second year

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Eleanor Human Biology student

Final year

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Graduate with a Masters degree

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Work experience while doing your degree $G \rightarrow r \rightarrow th r r \rightarrow 1$ $\neg \neg r t \rightarrow \gamma h H \rightarrow B$ $r t \rightarrow th r .$

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Careers for Human Biologists 17 r t r r rt nt nt rB n r t.

First year

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Second year

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Final year

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Biological Sciences degrees

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Dr Julia Lodge

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Entry requirements for Biological Sciences degree programmes

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Subjects required

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Biological Sciences modules year by year

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Final year

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Graduate with a Masters degree

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Work experience while doing your degree

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A year abroad while doing your degree

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First year G−ntl CB – h Bh tr Mr 🕆 t D htr t∽ntE t∽n → An B

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Specialisations within the **Biological Sciences programme**

BSc Biological Sciences C100

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BSc Biological Sciences (Z) C300

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BSc Biological Sciences (G - t) C400

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Fieldwork opportunities

Careers for Biologists

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Fieldwork

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Second year field courses

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Final year field projects

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Second Year Biological Sciences



Undergraduate Masters programmes

h r r r r then tr; r t t r 4 r then M h en en rt en r en r r htrene t r t r r r t t .



DrEvaHyde L rth ∽n rr t M t r r r

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h in rr t M trrr r in trrr in thrrht hin rin in rtthr r.h tin th h rthr in rrr: B in tri B h tri H in B *A rt th t B

h r r r t t - ``t, rt r th h `` t r r r - `` - ``t r r h. h rth r t - ``r r h. h rth r tr - `` - `` h t tt - `` - `` thr r B. h r r h h h r rth - `` rthr r r r r r. H rth h t - `` - `` r.C - `` t, r t - `` th r r t h - `` r r - `` rM r, r r - ``t - `` th rr - `` - ``B r r th tth t - `` r r.

Arttintri rin hhhtinrhh tthrrhi ntrthtr.

Rachel Lambert-Forsyth Head of Education, Society of Biology



Structure of the programme

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Professional placements

trithr:th4 rr rth rt-sitt-si r-si -si r - rtth r r.



Dr Pete Lund -*∿t r r

ליז tt rth∽י rr-יז ∽יזנ∽י r r h t → r rrt.

-•• th r – ſ - rrrr רדי trr;th, ⊐nth r 12r −nt t th -1 rr. r h B h -1 h † -• **1** th -1 -1 r - 1 + -1 -1 r -1 r th hr t tr −∿ - v r t - v r - v t - v; r rht -1 -1 -1t th -n th t rt −nt th r٦ −ntrt.

h r t r רד− r r٦٩ r r, r-n n trr rh. Irr -ntrt -n -n rt-n, r זי r hrt רי th ⊐t r•∖r **-***∙t. h -1 -1 r -1 t -1 ht trrr•vr -•nt-•n :

hr tr ⊡G thK∽n 🗆 Atr Z ำ 🗆 Bhrt, B, tzr 🔨 🗆 C t h 🗆 C r Ant h t ר ר 🛛 □ N rt □ 0 **-**1 🗆 Or B 🗆 r □ -**1** M / rh C - Chr F rhA t∽n

DL, rt - D -

E /F r DHrttr rhhtntn DhFtCn 🗆 rhrtr

Structure of the programme

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Degree programmes offering work experience

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thrt tt hB 🔸 (G→t), rBh tr thBt h→n, →t th t → r t →t th th r tt .h rt →thtr→rt rr, hh r thuras is na rant tant rth bbo h ang

Entry requirements

h ttht 🥆 th t AAB.

Study abroad



Dr Matthias Soller rrLrrt rrr

H ન r ન ન ન ન th r r ન th t ન , l ન r r ન th t ન ન ન ન th th r ન ન ન r th th r t r ન r r rt ન t.

Drin r rin in , I rt rin in t rint . I tin tr r r th in rt Brin, tz rin. rin t in in h rin in t r i Z r h, t rt hD th in rt Z r h, t t rt r i G th in, G r in i E i r h. th in t Brin i r t i th r t t r r r h, I in r th rin th t t-trin r tin r tin r i th t t-trin tin r tin i tt t t. J in Br i h i 2006, I inten th in r r h in i r r.

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Former student

Improve your language skills while studying for your degree

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Driver r in t , t -∿t, th th thrt r t -^ B . h h r thth 🗝 -^\t t th r −∿t , **ا** ا ∽n th t t −•th -**^** r th t r t rrththr r−∿t r. t tht rtt th 🦳 t rt-•\ -•\t -1 r r



r th r r , r tt r r r r h, r tr r r r r h, r h r G r r r t r t P r r h t t r B r r r th r r th r

t r h tr t ش th ش r t th h h h ش ش Fr ش, G r ش r ش. ۴۵ ش th ش r t h th rt ش t t rr t r t ش r r h r t r, r r.

r r ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ h thrht ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ t t Br ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ t ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ h r ۲۳۳۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰

ידי t th thA r t ידרידיל Er t ידי th th ידר r : ■ B יד ■ B h tr

h t r tt , h B ¬ (G ¬ t), ¬ ¬ t r ¬ r th th r t ¬ C ¬ t¬ ¬ t E r r r , th r ¬ ¬ t t t , ¬ rtr ¬ rt ¬ t r h ¬ th ¬ r t t ¬.

Entry requirements

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Student learning and student support



Dr Scott Hayward Frt rttr

rt n th Brth Antrtr. Int n r n th A t-FrhtF, 3 r tth n rt L r.

Mrrr trtr Dtthr rtrtr, rr rr rrt t⊸n h r r∽nt∽nt, httth tr hrhrhr rr.

Chtthr - - - - - tr A → t → t h → t ¬ntttht.†n rrtrh t1012 tr 🥆 1 r2 r t rt 2025 hr t t t h~• ¥r.Ltr¬•rt th rr i. rttr, th46t ^trttrr. ורי רי חיד דיר וי ht h י⁺t ht-*` tr,-*` t* r thrt rtt.

Ltr

Ltrr n htrtth r r http://trink.ortrint.ortrint r th int tintrit - rhh tr, C.

r t

Lrtr-rtr⊸ntrnt rrrr.Atrt 🗝 t3hr.Frt rrt nh th thn .A thrhthr, th ¬r¬>.tt th ¬th thrr, hrh trrtrtr-rhrt.

tr h rt →tr thr h t th r , h 🗝 🗝 thr rthtr: rthr rr, html r h - h th - r.h th r r t-t t t r r - h th r r rr・ t rttr・ t th・ r tr r י rth rt・ t t∽ntrttht∽n t∽nt,t t∽t∽r r tthrh t 🗈

-L mm

t ----- t rt ידע דער ג וג r tr t לי r - אליא tr C.h לילידער r r לי t tr, t לי tr r לי , לילי zz, לי rr⁼•tr.t=∿th r tית הילה trrt r.l היל הילה trrt r, הי th ∽nt∽ntr th ∽n rt tr tr t ∽nth L m C ntr.

-nt -n Α

∽ntr t^n t 40% t th r r, ∽tthr rtrnt, tt, rzz.En - - r -n t-n

t r∿th rtr → →tr t th → hrt th r r r t . rt ¬ r r ¬ r ¬ r ¬ r (75%).

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Otrt <mark>ninth</mark> nirtrn Ar, rr

Employability and careers in Biosciences

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Е r −¹\ h -nt h t h t - th -1 -"\t r th -^\t.†^\t -n th r -1 th rt-∿t t th t r + - 1 - 1 -^\tr -1 r-1 rtr tr. z r - 1 - 1 .

Bioscience jobs are found in a range of different settings. You could work for universities or governmental research institutions as a research scientist. Pharmaceutical and biotechnology companies also employ research scientists but there are many other areas you might be interested in including quality control, regulatory affairs and clinical trials.

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Ar -r r rB -r t -rt -r thr t hth thh t t rthr r, MtrrhD.h

rr th rt−∿t t r **∽**•t t rt th h ٩t r r r rh.O ht ٦r r t r h h t r th h th r r t t t ↑ Br h . D t r r h r th t hD ∽n th t r t -1 r t t -^nt t r ?

Ort ٦t r -*∿t r 10% tr t r t r t tr r t -1 r r tt -۹ -nt th r th. r -nt r

First destinations of University of Birmingham Biosciences graduates six months after graduation:



■F-t r 41% ■ r/nthrt 10% ■Fnthrt ¬1 30% ■ nt-t r 6% ■L ¬1 r r 11% ■ ¬tr/¬1 r 2%

D t⁺ t⁻, L r H h rE t⁻⁺ r rt (DLHE) 2010 11

Helping you find the right career

B - Crrh h t Cr¬tr¬th ¬rt Е Crr 🥆 E t C →tr (CEC) r thrt h r r t t 🗝 th r ht r , h r 🕻 r t -nt -n . O В r h r Am Сr r F −•\tt−•\ r r tr ٦١t -1 r rt -1 r . th r٦ ∽nt B ٦t r t.

t r Br 🥆 h 0 В -Gr t (DLHE r) 🗆 B −nt t □ C-1 -nt t 🗆 E t □G¬\t h٩ t t \Box th t t t 🗆 L h □ M 0 m r П rhF t

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Kath Biological Science graduate



International students

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יד tr t יד יד t יד t r r h Ch-י , יד r



Professor Zewei Luo trrntritiin t

ا rt ۳ M tr r ۳ Ar tr B tth th t Ch ۹ Ar tr ۴ ۲ ۲.۴ 1987 ا t Br ۹ h t t r hD ۹ ۹ ۲ t G ۹ t .Fr 1995 Ih ۹ t ۲ ۴ ۹ ۹ ۲ ۹ ۲ ۹ ۹ rt ۹ Ch ۹ .

th 2001 Irt th h B م م r t rr.M r rh r th r م th r م م th م م r م م tt t tr t م rt م th r م t م t r t م h rt th r م h م .

די r th h דיאריאניש trl r יש rt ישנ r rth r.l h th h יש r tt יש r tיש tth Brth יש rt t

ا ttrt th r tt → → t r th → rt... →, → r t → t, Ir tr rt r t t r → th h .

Hansong former student

Applications and qualifications

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ا tht →tt r → → r r r r , h thr hth → r t → C A → r (CA). h → →t t t .r @ ... r th r t ...

nt r∸ntn*n t−n t−nt −ntt −nth

مرائل مرابل المع المنابع المنابع

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I rt t th rt r h r th N r h r h r h r h r h r t r t h r h r t ; r r, h r h h r h

Tung

recipient of the Sir Paul Nurse Scholarship from Vietnam.

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Fees and scholarships

ا r ᢏ r t ҵt, h h ҵ r ¬ r r t th E, h t .宀 r t ҵ t ҵ ¬ r t h r h ҵ ¬ t h r h ҵ ¬ t h ҵ ҵ . r ҵ h . . /¬t ҵ t ҵ

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Student life at the University of Birmingham

CtttBrำhำา ำาา Erttnt. Brำhhīn t.

hrrthr ttrt أ tBr أ h: t tr أ أ ttr أ أ ttr r أ , أ t t أ tth hrt th K t t أ ttr .

Entertainment, arts and culture

hr thủ ủ nh Br ủ h. th t ủ t ủ nh th ủ r t rủt, thr r th tr, , ủ ,ủ ht ủ r ủ ủ n. l ủ t r ủ nh th t r r , h th t rủ r th th tr, h th t rủ r t th N t ủ E h t ủ C ủ tr ủ N t ủ th r A rủ.

Shopping

Brinh in intr Errt trt intin th r-intri in Brinh htrrrt, th rinh intri thr h intri thr.

The heart of England

L t مسئله h rt th مسئلت, Br مس h tth مسئلت th tr مس r مسئلت, tht مسمئلت tr, rt مس t t مس h r مسئله r trto r h r.

Sport and the arts

rt ー ttr t tBr ー h . B rt ー t th r th t rt t ー th ー ttr, r ー トー トー ー t r r t r rー - t r r t r rー - t r r t r rー

M that rt Brinh . hin rith than rhitri, B Bin, n r hr, hin n n r n .Ar r r r r r t nth n rth tth Br rth tt t Fin Art.

Student living

r t ht htrth tt h, th ht tht م, خ ب ال ال th hh م t r h h ال ال ال ال ال r .

The Guild – for students, by students

hh من rr t t من th G t منt, Br من h t من من hr r r150 من th t th G , من من tم من r t من t tt من, B NFM, rth t منt م r r.

Learn more





h -n r t h th r -n -n, t th r r r t t -n r -nt . h t Br -n h h th t; r t -n ht , -nt t h -n, r th r -n -n r t r r r .

Year 3







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