

BL5442 data temporarily unavailable

(BL5442 online module handbook version 10)

Credits: data temporarily unavailable

Semester: 1

Module Organiser

Pre-requisite Modules:

Anti-requisite Modules:

Post-requisite Modules:
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Additional Module Information:

[Please check MMS regularly for additional module information](#)

$$P(A|B) = \frac{P(B|A) P(A)}{P(B)}$$

image: Bayesian inference is an approach to statistical inference in which Bayes' theorem is used to update the posterior probability for a hypothesis as more data become available

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[BL5442View content for BL5442 \(2022/3\) in the Module Management System \(MMS\)](#)

[View the current Biology Online Module Catalogue for BL5442](#)

[BL5442View BL5442 \(2022/3\) in the University of St Andrews Module Catalogue](#)

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BL5442: Timetable

No details are currently available for BL5442 Timetable

BL5442: Reading List

[BL5442Click for BL5442 reading list](#)

BL5442: Assessment

[BL5442View coursework assessment details for BL5442 \(2022/3\) in MMS](#)

The following related information applies to all Biology modules:

School of Biology Marking Criteria:	See School of Biology Undergraduate Handbook
Late submission of continuous assessment work:	All late submissions of coursework that do not require electronic submission should be made via the Biology Teaching Office, Level 2, BMS Building, North Haugh.
Exam details:	See School of Biology Undergraduate Handbook ;All Biology exams will be conducted online for 2022-23.
Exam timetable:	see http://www.st-andrews.ac.uk/students/academic/examinations/examtimetable/current/
Expected attendance:	See School of Biology Undergraduate Handbook for detailed attendance requirements.
Good Academic Practice & Avoiding Academic Misconduct:	See School of Biology Undergraduate Handbook
University Student Handbook:	University Student Handbook
School and University regulations in the School and University Undergraduate Handbook relating to absence reporting, penalties and rules for late submission of work, extensions for coursework, return of coursework, S-coding, good academic practice and Academic Alerts.:	School of Biology Undergraduate Handbook University Student Handbook

Who to ask

(Information in this section applies to all Biology Modules)

Before contacting staff, students should check the content of the Biology Undergraduate Handbook, the module handbook and specific task instructions.

Questions about

General teaching matters
Rescheduled or cancelled events
Lecture or practical content
Completing assessed practical assignments
Completing assessments
Marking on continuous assessment
Marking on exams
Rearranging practical days
Absence and/or extensions
Difficulties with academic progress which impact more than one module:

Overall performance, progress or future directions:

Disability:

For advice and support on any issue e.g. academic, financial, international, personal or health matters, or if you are unsure of who to go to for help:

University assistance with urgent matters out of office hours:

Contact

Biology Teaching Office (bioteach@st-andrews.ac.uk)
Check your University email
The lecturer who presented the material
The lecturer who set the assignment
Module Organiser (none@st-andrews.ac.uk)
The Demonstrator or Module Organiser (none@st-andrews.ac.uk)
Module Organiser (none@st-andrews.ac.uk)
[Dr Susan Gurney](#)
Module Organiser (none@st-andrews.ac.uk)
and the Biology Teaching Office (bioteach@st-andrews.ac.uk)
Year Coordinator
See [School of Biology Undergraduate student handbook](#) for list:
<https://biology.st-andrews.ac.uk/students/wp-content/uploads/sites/6/2022/08/Undergraduate-Handbook-2022-23-New-version.pdf>
Advisor of Studies
Disability Coordinator (Dr.Jacqueline.Nairn@st-andrews.ac.uk)
Advice & Support Centre
Address: 79 North Street, St Andrews
Email: theasc@st-andrews.ac.uk
Web: <https://www.standrews.ac.uk/ask-a-question/>
Tel: 01334 462020
Tel: 01334 476161
Web: <https://www.st-andrews.ac.uk/students/advice/counselling/incrisis/>

Biology Teaching Office:

We are happy to hear from you about teaching matters. The School of Biology Teaching Office is open Monday to Friday 09.00 - 13.00 and 14.00 - 17.00. School of Biology staff will respond to your emails during these hours. Our team will provide a response to you within three working days.

Biology Teaching Office (Level 2), University of St Andrews, Biomolecular Sciences Building, North Haugh, St Andrews, Fife KY16 9ST

Email: bioteach@st-andrews.ac.uk

Tel: 01334 46 3602 or 3566

BL5442: Contributing Staff

BL5442: Learning Outcomes

Students completing module BL5442 successfully should be able to:

- Appreciate data exploration techniques and the common pitfalls in tackling a data analysis
- Recognise common problems associated with analysis of ecological and evolutionary data
- Understand alternative approaches to model selection
- Perform statistical modelling using GLM, GLMM, GAM, GAMM
- Handle the analysis of count and zero-inflated data
- Recognise the power of Bayesian inference and its utility in ecological and evolutionary biology

BL5442: Acquired Skills

No details are currently available for Acquired Skills

Policies

(Information in this section applies to all Biology Modules)

- The procedures and regulations followed by the School of Biology are outlined in the [University Handbook](#) and in the [School of Biology Undergraduate Handbook](#) (<https://biology.st-andrews.ac.uk/students/wp-content/uploads/sites/6/2022/08/Undergraduate-Handbook-2022-23-New-version.pdf>).
- All coursework associated with the module must be completed and submitted by its due date.
- Specific School regulations relating to absence reporting, penalties and rules for late submission of work, extensions for coursework, return of coursework, S-coding, Good Academic Practice and Academic Alert are stated in the [School of Biology Undergraduate Handbook](#) and students are required to carefully read these regulations.
- Students are also referred to the University Handbook, available at: <http://www.st-andrews.ac.uk/studenthandbook/>