

# Tîm Dyslecsia



PRIFYSGOL  
**BANGOR**  
UNIVERSITY

## Dyscalcwlia

Rydym ar y Llawr Gwaelod Isaf, Neuadd  
Rathbone, Ffordd y Coleg, Bangor, LL57  
2DF

Cysylltwch â ni i drefnu apwyntiad i weld  
cynghorwr:

Ffôn: 01248 383620

E-bost: [gwasanaethanabledd@bangor.ac.uk](mailto:gwasanaethanabledd@bangor.ac.uk)

[http://www.bangor.ac.uk/student-services/  
disability/dyslexia.php.cy](http://www.bangor.ac.uk/student-services/disability/dyslexia.php.cy)

**Mae'r daflen ar gael mewn  
gwahanol fformatau**

Credir bod **dyscalcwlia** yn deillio o  
wahaniaethau sylfaenol mewn prosesau  
gwybyddol. Nodweddion dyscalcwlia yw  
anawsterau amgyffred cysyniadau'n  
ymwneud â rhifau, mesuriadau a  
chydberthnasau gofodol.

Dyma rai o'r problemau sy'n gysylltiedig â  
dyscalcwlia:

- Deall cysyniadau'n ymwneud â  
mesuriadau a chofio ffeithiau rhifau  
sylfaenol.
- Dysgu cysyniadau amser, yn cynnwys  
dilyniant digwyddiadau'r gorffennol a'r  
dyfodol.
- Cyfeiriadedd gofodol a chyfeiriadau.
- Rhoi gweithrediadau rhifau mewn  
trefn; trefnu gwybodaeth ddilyniannol.
- Deall a chofio ffeithiau a fformiwlâu  
penodol er mwyn gwneud cyfrifiadau  
mathemategol.
- Ymdrin ag arian a rheoli cyfrifon banc  
yn effeithiol.
- Defnyddio'r cof gweithio i brosesu  
cyfrifiadau meddyliol.

"I mi, mae rhifau fel iaith estron nad ydw  
i'n gallu ei siarad."  
Mo Hooper, 2010<sup>1</sup>

Er gwaethaf yr anawsterau hyn, mae  
strategaethau penodol ar gael i fyfyrwyr i  
leihau'r pryder mathemategol a achosir gan  
dyscalcwlia, yn ogystal â goresgyn unrhyw  
un o'r anawsterau hyn.

Gallwch ddysgu mwy am **dyscalcwlia** yn:

<http://dyscalculiaforum.com>

<http://www.bdadyslexia.org.uk>

<http://www.brain.he.com/students>

<sup>1</sup><http://www.dystalk.com/forum/dyscalculia/138-dyscalculia>



# Dyslexia Team



PRIFYSGOL  
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## Dyscalculia

We are on the Lower Ground Floor, Neuadd Rathbone, College Road, Bangor, LL57 2DF

To make an appointment to see an adviser:

Tel: 01248 383620

E-mail: [disabilityservice@bangor.ac.uk](mailto:disabilityservice@bangor.ac.uk)

<http://www.bangor.ac.uk/studentsservices/disability/dyslexia.php.en>

**This leaflet is available in alternative formats**

**Dyscalculia** is believed to stem from underlying differences in cognitive processing; it is characterised by difficulties in grasping concepts of number, measurement and spatial relationships.

The problems associated with dyscalculia include:

- Comprehending measurement concepts and remembering basic number facts.
- Assimilating concepts of time, including the sequence of past and future events.
- Grasping spatial orientation and directions.
- Sequencing number operations; organising sequential information.
- Understanding and memorising specific facts and formulas for mathematical calculations.
- Dealing with money and managing accounts effectively.
- Using working memory to process mental calculations.

"To me numbers are like a foreign language that I don't (and can't) speak."  
Mo Hooper, 2010<sup>1</sup>

Despite these problems students should find that specific strategies to minimise mathematical anxieties caused by dyscalculia, as well as to overcome any of these problems, can be very successful.

You can find out more about **dyscalculia** at:  
<http://www.bdadyslexia.org.uk/dyslexic/dyscalculia>  
<http://www.dyscalculia.me.uk/>

<sup>1</sup><http://www.dystalk.com/forum/dyscalculia/138-dyscalculia>

