

STEM Teacher Bursary

Report of the review of the 2022/23 scheme

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1. Introduction

1.1 Summary of Previous STEM Bursary Applications

This section summarises overall bursary applications and successful bursary awards for previous intakes.

In the 2020/21 academic session 150 bursaries were approved with 120 successfully completing.

In the 2019/20 academic session 111 bursaries were approved with 94 successfully completing.

In the 2018/19 academic session, 107 bursaries were approved with 95 successfully completing.

1.2 Updates to STEM Bursary for 2022/23 Intake

The following changes were made to the eligibility criteria for 2022/23:

- The employment criteria requirement for applicants (including for those in receipt of Carer's Allowance) to demonstrate they have worked for 36 months in the last 72 months was extended to within the last 84 months. This was to accommodate individuals affected by the COVID-19 pandemic.
- Applicants who had completed a short-term education course, not in excess of 12 months, were now eligible to apply. Otherwise, including exceptions, applicants needed to have been out of full-time education since 30th September 2019.

In the 2022/23 academic session, 129 applications were received, of which, 84 were approved.

2. Eligibility Criteria for 2022/23 Intake

1. Applicants need to have been in paid employment for at least 36 months out of the last 84 months (including career breaks and any periods of furlough). Applicants who can evidence they have been in receipt of Carer's Allowance for 36 months out of the last 84 will also be deemed to meet the employment eligibility criteria.
2. Applicants need to hold a 2.1 degree or meet the minimum initial teacher education (ITE) entry requirement with a relevant masters qualification, the content of which would make them suitable to teach Maths, Computing Science, Technological Education, Physics, Chemistry or Home Economics.

3. Normal entry requirements for PGDE ITE also apply. Including exceptions, applicants ordinarily need to have been out of full-time education since 30th September 2019.
4. Applicants must have an offer of a place on a PGDE ITE programme at a Scottish university before applying.

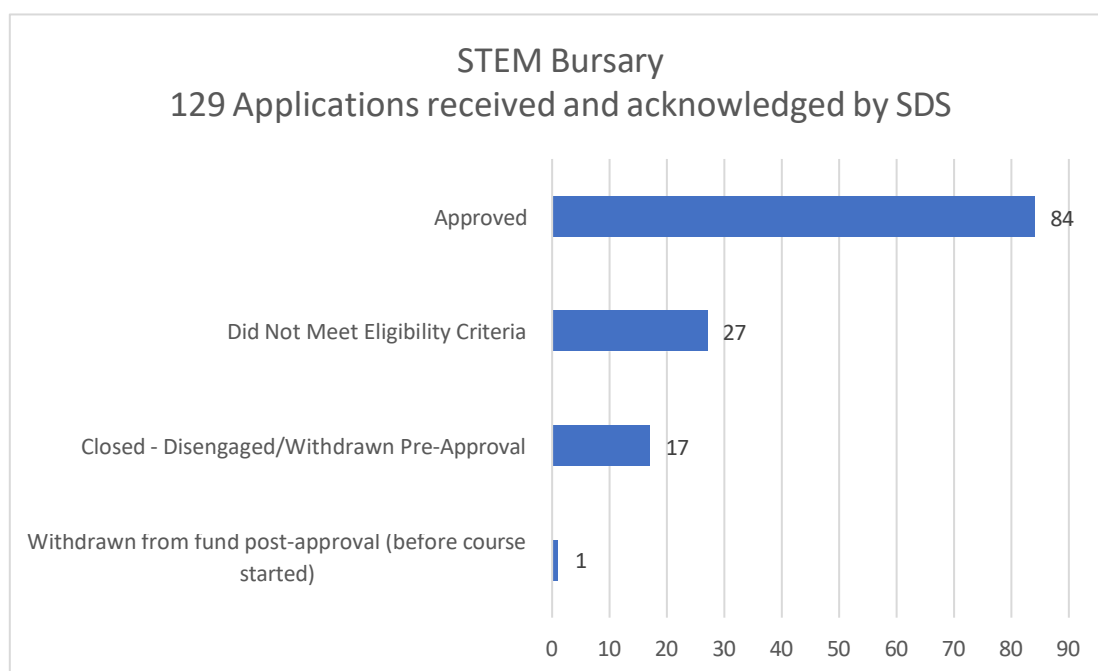
3. Summary of 2022/23 Applications and Awards

This section summarises overall bursary applications and successful bursary awards as well as breakdown of bursary recipients by ITE institution and subject.

It should be noted that the overall number of applications for the 2022/23 PGDE courses in STEM eligible subjects was lower than the previous year.

3.1 Total Applications and Reasons for Non-Award of Bursaries

In total, 129 applications to the Bursary Scheme were received via online application at www.stembursaryscotland.co.uk, with 84 of these approved as meeting the eligibility criteria and accepting the bursary award. This chart summarises the reasons for the 44 unsuccessful applications.



Source: Skills Development Scotland

3.2 Successful Bursary Recipients by ITE Institution

	University	Total offers
1	Edinburgh Napier University	8
2	Queen Margaret University	5
3	University of Aberdeen	5
4	University of Dundee	3
5	University of Edinburgh	15
6	University of Glasgow	10
7	University of Strathclyde	29
8	University of the Highlands and Islands	9
	Grand Summary:	84

Source: Skills Development Scotland

There were no successful applications from UWS in the 2022/23 intake

3.3 Recipients by ITE Subject and Institution

The distribution of bursary recipients and ITE subject and university is shown below.

University	ITE Subject								
	Chemistry	Dual Chemistry/Biology	Computing Science	Maths	Dual Maths/Physics	Dual Maths/Biology	Physics	Technological Education	Home Economics
Aberdeen University				3			2		
Dundee University				1					2
Edinburgh University	1	1		7	3			3	
Glasgow University	2			6			2		
Strathclyde University	1		7	8	1		6	2	4
University of Highlands & Islands			1	1	2	1		2	2
Queen Margaret University									5
Edinburgh Napier University	1			6			1		
Total Recipients by Subject	5	1	8	32	6	1	11	7	13

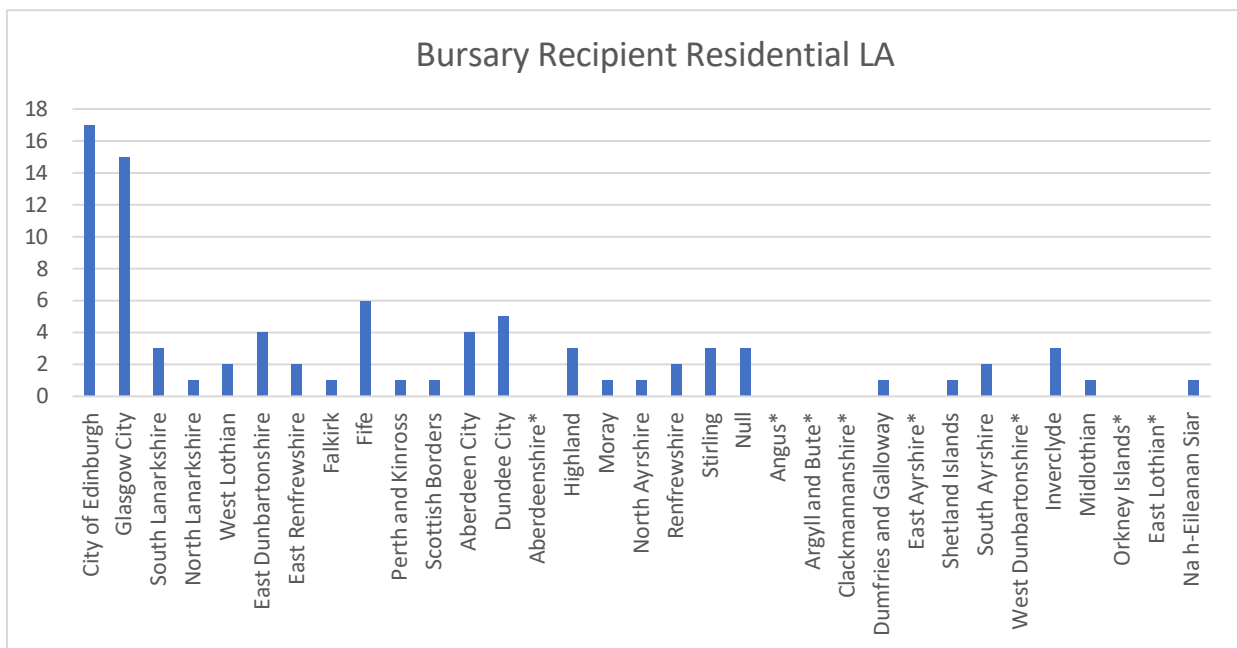
Source: Skills Development Scotland

4. Profile of 2022/23 STEM Bursary Recipients

This section looks at bursary recipients by their residence at time of application, preferred destination(s) for future employment, gender, ethnicity, disability and age.

4.1 Bursary Recipients by Local Authority

The distribution of bursary recipients by the local authority area in which they resided at the time of application.



*No bursary recipients 2022/23

Source: Skills Development Scotland

4.2 Bursary Recipients by Scottish Parliamentary Constituency

The number of bursary recipients by the Scottish parliamentary constituency in which they were resident at the time of their application.

Scottish Parliamentary Constituency	Bursary Recipients
Clydebank and Milngavie	1
Clydesdale	0
Glasgow Kelvin	2
Linlithgow	1
Edinburgh Central	3
Uddingston and Bellshill	1
Eastwood	2
Edinburgh Northern and Leith	3
Edinburgh Southern	1
Falkirk East	0
Hamilton, Larkhall and Stonehouse	1
Midlothian South, Tweeddale & Lauderdale	0
Perthshire South and Kinross-shire	0
Renfrewshire South	1
Aberdeen South and North Kincardine	3
Coatbridge and Chryston	0
Cumbernauld and Kilsyth	0
Dundee City East	3
East Kilbride	0
Falkirk West	1
Glasgow Anniesland	2
Glasgow Southside	2
Kirkcaldy	1
Moray	1
Stirling	1
Null	3
Aberdeen Central	0
Aberdeenshire East	0
Airdrie and Shotts	1
Almond Valley	1
Angus North and Mearns	0
Ayr	1
Banffshire and Buchan Coast	0
Caithness, Sutherland and Ross	1
Clackmannanshire and Dunblane	2
Cowdenbeath	1
Cunninghame North	1
Cunninghame South	0
Dumbarton	0
Dundee City West	2
Edinburgh Eastern	2
Edinburgh Pentlands	6
Edinburgh Western	2
Ettrick, Roxburgh and Berwickshire	1

Galloway and West Dumfries	1
Glasgow Cathcart	1
Glasgow Maryhill and Springburn	3
Glasgow Pollok	2
Kilmarnock and Irvine Valley	0
Motherwell and Wishaw	0
North East Fife	3
Paisley	1
Perthshire North	1
Rutherglen	1
Shetland Islands	1
Skye, Lochaber and Badenoch	0
Strathkelvin and Bearsden	3
Carrick, Cumnock and Doon Valley	1
Dumfriesshire	0
Dunfermline	1
Greenock and Inverclyde	3
Mid Fife and Glenrothes	0
Midlothian North and Musselburgh	1
Orkney Islands	0
Glasgow Shettleston	2
Inverness and Nairn	2
Renfrewshire North and West	0
Aberdeen Donside	1
Aberdeenshire West	0
Angus South	0
Argyll and Bute	0
East Lothian	0
Glasgow Provan	1
Na h-Eileanan Siar	1

Source: Skills Development Scotland

4.3 Preferred Destination for Future Employment by Local Authority

During the application process applicants were asked, on a voluntary basis, to indicate which local authority area(s) they would consider seeking employment in on successful completion of their ITE course.

Local Authority	Total Selected
West Lothian	31
West Dunbartonshire	22
Stirling	26
South Lanarkshire	22
South Ayrshire	16
Shetland Islands	12
Scottish Borders	14
Renfrewshire	26
Perth and Kinross	21
Orkney Islands	11
North Lanarkshire	24
North Ayrshire	22
Na h-Eileanan Siar	13
Moray	17
Midlothian	28
Inverclyde	16
Highland	20
Glasgow City	41
Fife	24
Falkirk	22
East Renfrewshire	27
East Lothian	27
East Dunbartonshire	26
East Ayrshire	21
Dundee City	21
Dumfries and Galloway	13
Clackmannanshire	18
City of Edinburgh	41
Argyll and Bute	13
Angus	16
Aberdeen City	19
Aberdeenshire	19

Source: Skills Development Scotland

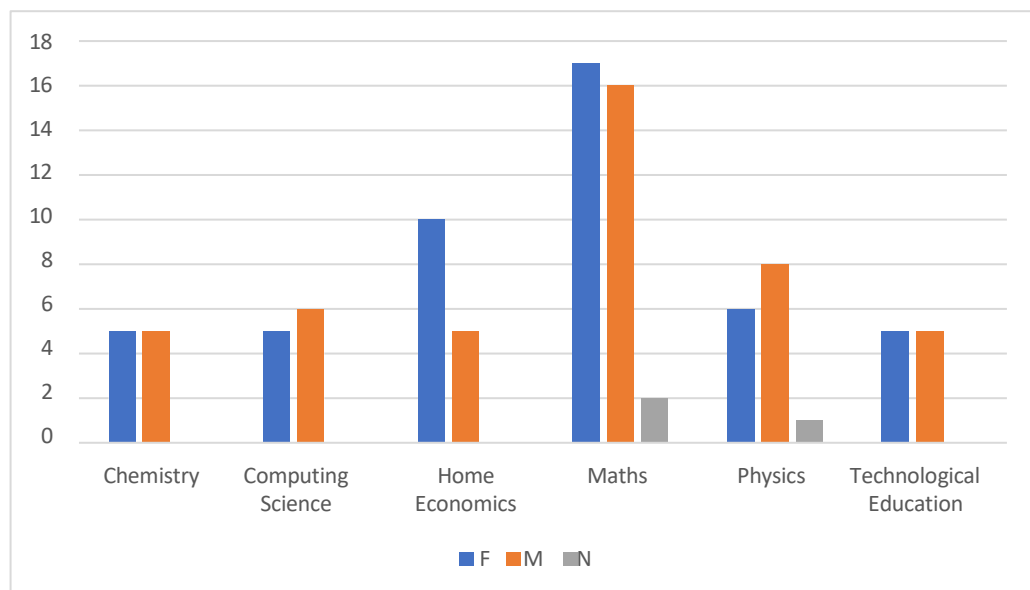
4.4 ITE Subject Choice by Gender

The chart and table below summarise ITE subject choice by gender. Any subject category with fewer than 5 responses is shown as <5 to avoid possible identification of individuals.

Teaching Field	F	M	N	Total
Chemistry	<5	<5	0	2 - 8
Computing Science	<5	6	0	7 - 10
Home Economics	10	<5	0	11 - 14
Maths	17	16	2	35
Physics	6	8	1	15
Technological Education	<5	<5	0	2 - 8

Source: Skills Development Scotland

Note the eight bursary recipients undertaking dual teaching qualifications have been included within their first subject choice on which the bursary was awarded.



F = Female, M = Male, N = Prefer not to say

Source: Skills Development Scotland

4.5 Bursary Recipients by Ethnicity

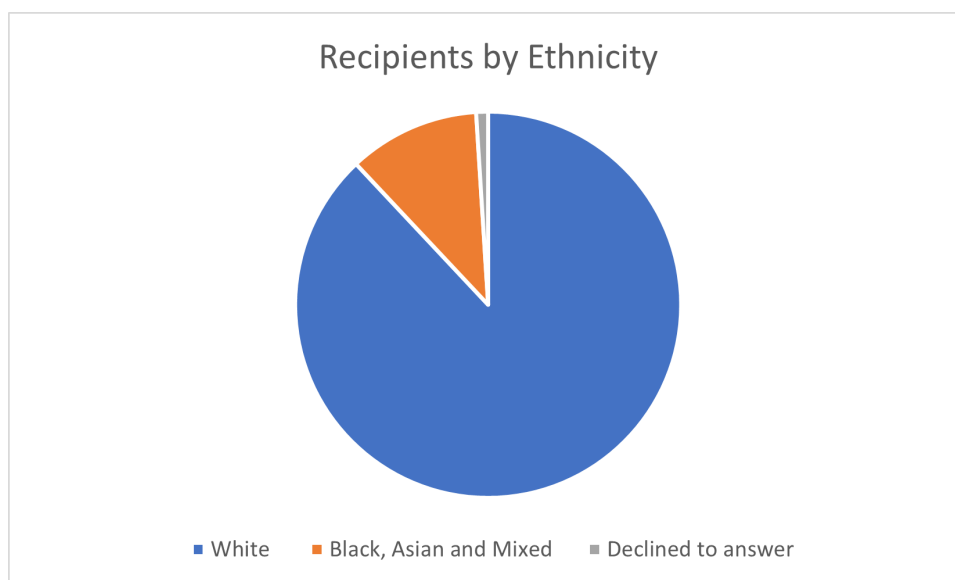
This shows the breakdown of bursary recipients by their stated ethnicity. Any ethnic category with fewer than 5 responses is shown as * to avoid possible identification of individuals.

Ethnicity	% of Bursary Recipients
Asian (Chinese)	*
Asian (Pakistani)	*
Asian (Other)	*
Black (African)	*
White (English)	*
White (Scottish)	70%
White (Irish)	*
White (Northern Irish)	*
White (Other)	9%
Other Ethnic Background	*
Declined to Answer	*

Source: Skills Development Scotland

To provide more clarity on the breakdown of recipients from different ethnic groups, the responses were:

- White (Scottish, English, Irish, Northern Irish, Welsh, Other) = 88%
- Black, Asian and Mixed (Indian, Pakistani, Chinese, African, Mixed Background, Other Ethnic Background) = 11%
- Declined to answer = 1%



Source: Skills Development Scotland

4.6 Bursary Recipients by Disability

The breakdown of bursary recipients by stated disability.

	Disability ↓	Total
1	No	77
2	Yes	7
Grand Summary:		84

Source: Skills Development Scotland

4.7 Bursary Recipients by Age

The age profile of bursary recipients.

	Age Band ↓	Total
1	20 to 24	1
2	25 to 40	56
3	41 to 50	19
4	51 to 54	2
5	55 to 64	6
Grand Summary:		84

5. Considerations in preparation for Year 6

- Consideration on any changes to academic entry requirements.
- To consider what employment evidence is required to demonstrate eligibility.
- Consideration of opening and closing date.