

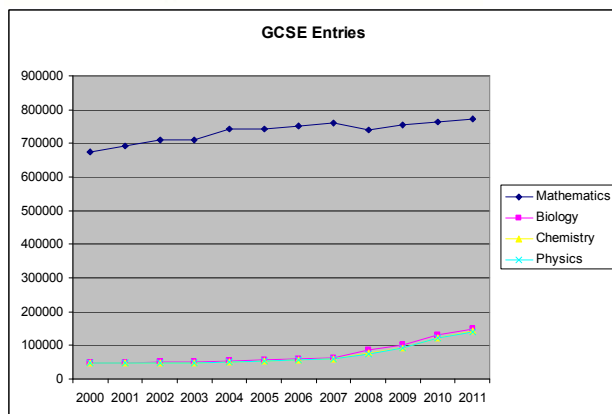


STATISTICS OF MATHEMATICS EDUCATION

Number of GCSE Entries

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Mathematics	673056	690704	709027	709673	741682	741422	750570	760299	738451	754738
Biology	48715	48958	49171	51156	53389	56522	60082	63208	85521	100905
Chemistry	46917	46862	47068	48802	51225	53428	56764	59219	76656	92246
Physics	46627	46477	46511	47953	50404	52568	56035	58391	75383	91179
Double Science	489913	509242	511871	519575	527017	494450	479789	478028	8433	15188
Single Science	66036	66702	68393	71184	74095	89348	96374	98485	4445	1977
Science								57316	537606	493505
Additional Science									433468	396946
Total entries in all subjects	5481920	5632936	5662382	5733487	5875373	5736505	5752152	5827319	5669077	5469260

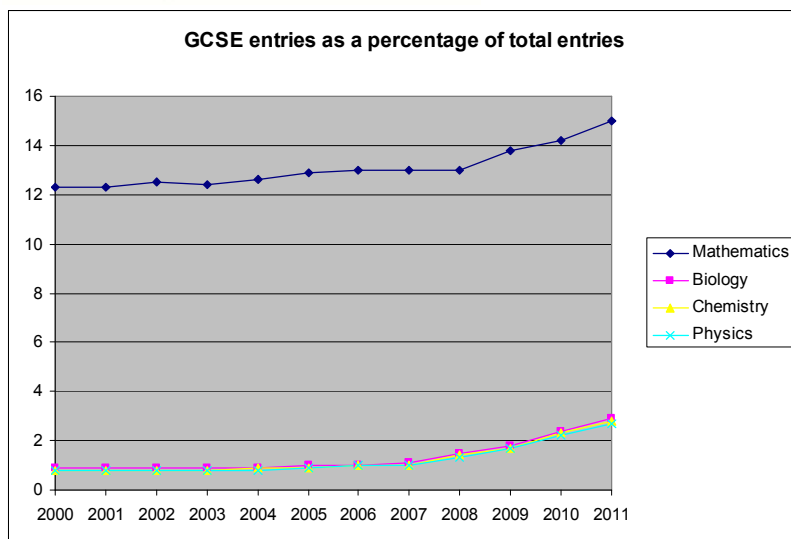
	2010	2011
Mathematics	762792	772944
Biology	129464	147904
Chemistry	121988	141724
Physics	120455	140183
Double Science	14994	
Single Science	2030	
Science	449697	
Additional Science	352469	
Total entries in all subjects	5378195	5151970



Number of GCSE entries as a percentage of total entries

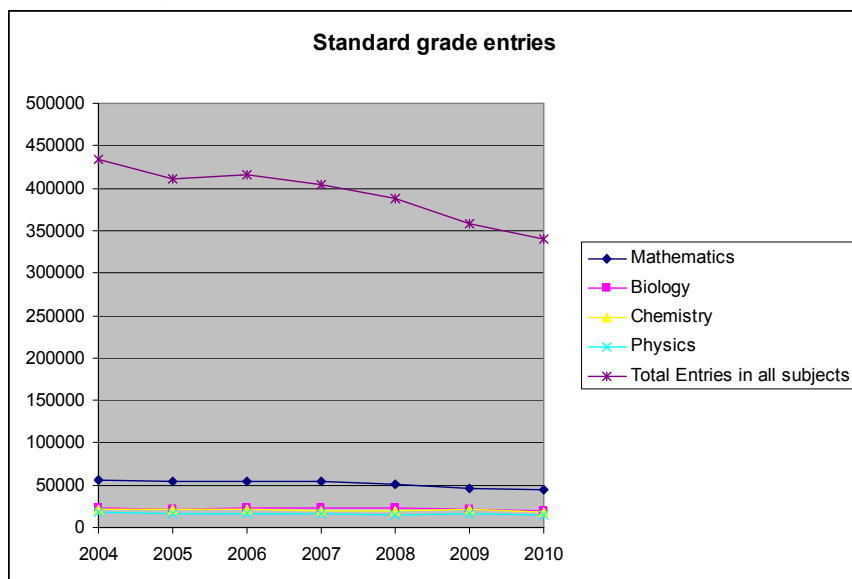
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Mathematics	12.3	12.3	12.5	12.4	12.6	12.9	13.0	13.0	13.0	13.8
Biology	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.5	1.8
Chemistry	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.4	1.7
Physics	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.3	1.7

	2010	2011
Mathematics	14.2	15.0
Biology	2.4	2.9
Chemistry	2.3	2.8
Physics	2.2	2.7



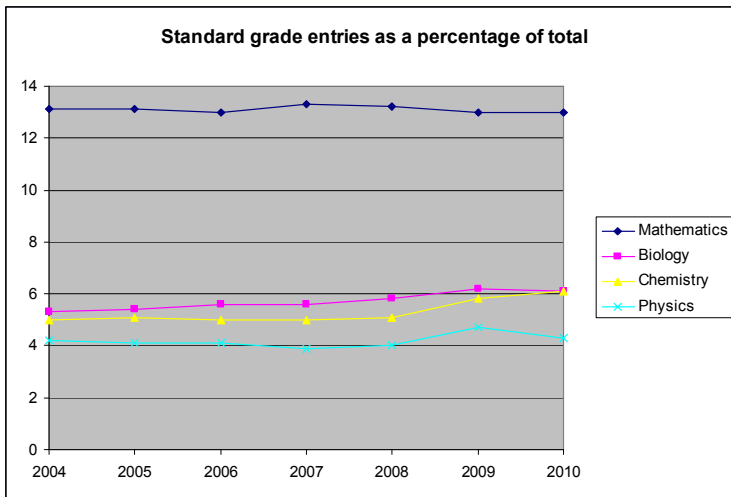
Number of Standard Grade Entries

	2004	2005	2006	2007	2008	2009	2010
Mathematics	56773	53842	53782	53979	50982	46782	43990
Biology	22986	22213	23200	22787	22319	22213	20570
Chemistry	21690	20876	20688	20078	19773	20876	18906
Physics	18170	16917	17064	15940	15299	16917	14571
Total Entries in all subjects	434002	411324	416052	404850	387085	358519	339426



Standard grade entries as a percentage of total entries

	2004	2005	2006	2007	2008	2009	2010
Mathematics	13.1	13.1	13.0	13.3	13.2	13.0	13.0
Biology	5.3	5.4	5.6	5.6	5.8	6.2	6.1
Chemistry	5.0	5.1	5.0	5.0	5.1	5.8	6.1
Physics	4.2	4.1	4.1	3.9	4.0	4.7	4.3

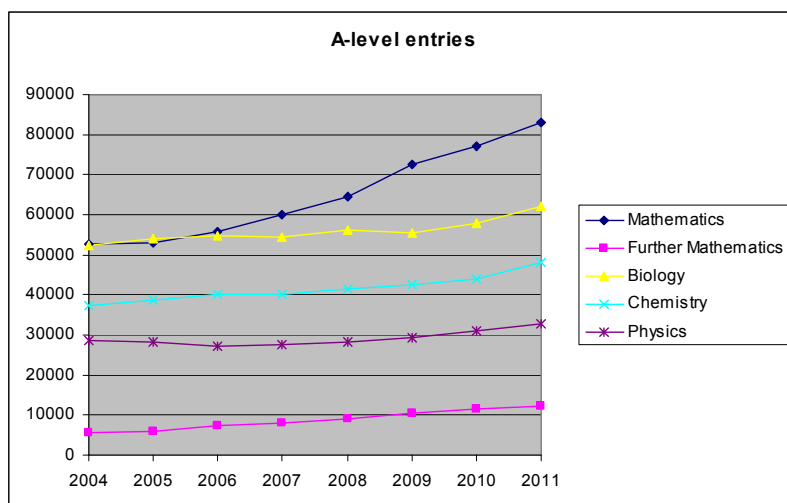




GENERAL CERTIFICATE OF EDUCATION – ADVANCED LEVEL

Number of A-level entries

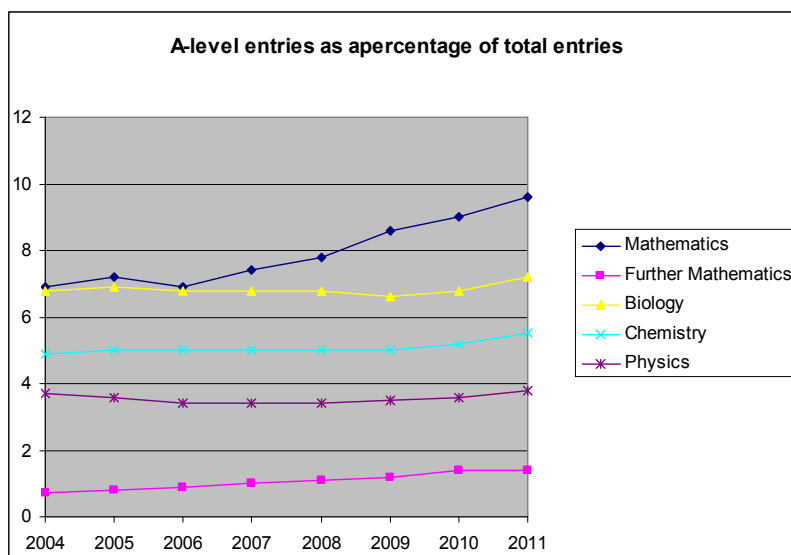
	2004	2005	2006	2007	2008	2009	2010	2011
Mathematics	52788	52897	55982	60093	64593	72475	77001	82995
Further Mathematics	5720	5933	7270	7872	9091	10473	11682	12287
Biology	52264	53968	54890	54563	56010	55485	57854	62041
Chemistry	37254	38851	40064	40285	41680	42491	44051	48082
Physics	28698	28119	27368	27466	28096	29436	30976	32860
Total Entries in all subjects	766247	783878	805968	805657	827737	846977	853933	867317





A-level entries as a percentage of total entries

	2004	2005	2006	2007	2008	2009	2010	2011
Mathematics	6.9	7.2	6.9	7.4	7.8	8.6	9.0	9.6
Further Mathematics	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.4
Biology	6.8	6.9	6.8	6.8	6.8	6.6	6.8	7.2
Chemistry	4.9	5.0	5.0	5.0	5.0	5.0	5.2	5.5
Physics	3.7	3.6	3.4	3.4	3.4	3.5	3.6	3.8





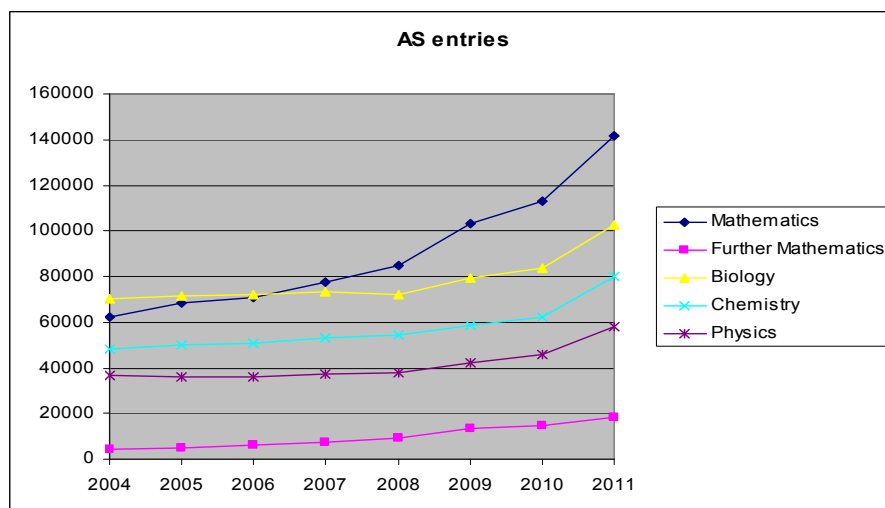
Gender breakdown of number of A-level entries

	Mathematics	Further Mathematics	Biology	Chemistry	Physics
2004	Male 32379 Female 20409	Male 4096 Female 1623	Male 20761 Female 31503	Male 18311 Female 18943	Male 22293 Female 6405
2005	Male 32719 Female 20178	Male 4238 Female 1695	Male 22046 Female 31922	Male 19671 Female 19180	Male 21922 Female 6197
2006	Male 34093 Female 21889	Male 5106 Female 2164	Male 22597 Female 32293	Male 20393 Female 19671	Male 21408 Female 5960
2007	Male 36036 Female 24057	Male 5556 Female 2316	Male 22537 Female 32026	Male 20210 Female 20075	Male 21357 Female 6109
2008	Male 38719 Female 25874	Male 6325 Female 2766	Male 23458 Female 32552	Male 21366 Female 20314	Male 21941 Female 6155
2009	Male 43055 Female 29420	Male 7190 Female 3283	Male 23671 Female 31814	Male 21920 Female 20571	Male 22898 Female 6538
2010	Male 45737 Female 31264	Male 7954 Female 3728	Male 25219 Female 32635	Male 22994 Female 21057	Male 24308 Female 6668
2011	Male 49828 Female 33167	Male 8455 Female 3832	Male 26942 Female 35099	Male 25329 Female 22753	Male 26011 Female 6849



Number of AS entries

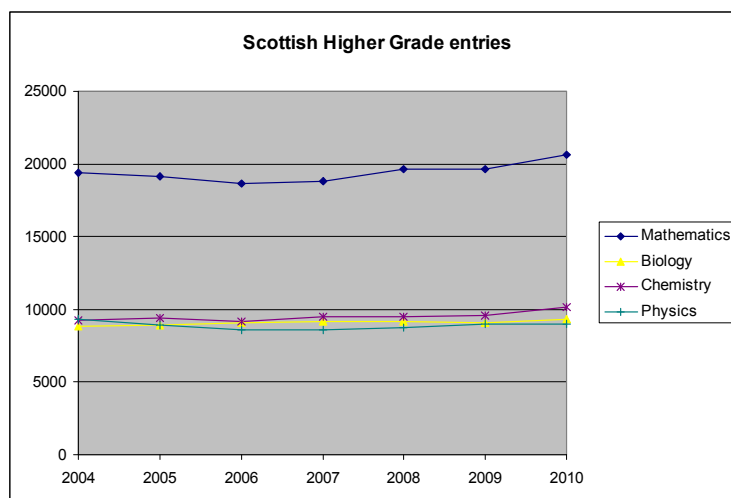
	2004	2005	2006	2007	2008	2009	2010	2011
Mathematics	62098	68178	70805	77387	84613	103335	112847	141392
Further Mathematics	3980	5054	6292	7426	8945	13165	14884	18555
Biology	70035	71346	72246	73572	72239	79112	83408	102532
Chemistry	48166	49951	50855	52835	54157	58473	62232	79874
Physics	36700	35828	36258	37323	38129	41955	45534	58190

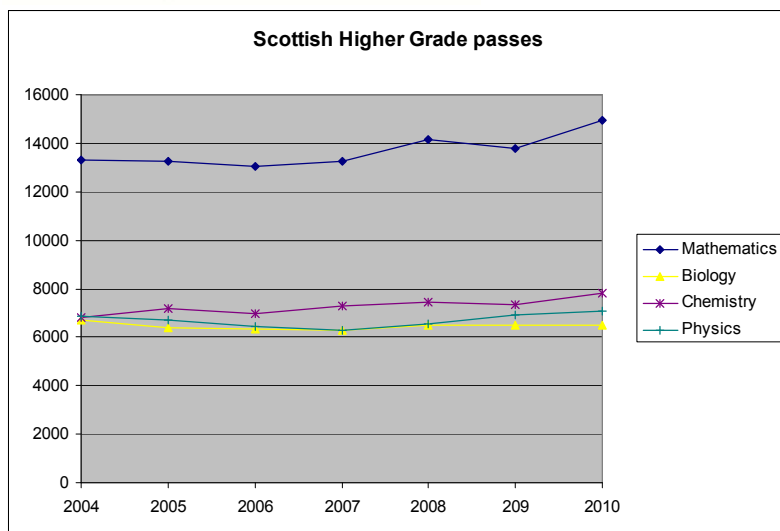




Scottish Higher Grade

		2004	2005	2006	2007	2008	2009	2010
Mathematics	Entries	19394	19181	18623	18792	19636	19638	20657
	Passes	13284	13229	13064	13262	14176	13806	14955
Biology	Entries	8852	8943	9044	9169	9132	9107	9308
	Passes	6725	6385	6344	6288	6470	6521	6496
Chemistry	Entries	9271	9411	9168	9490	9505	9582	10179
	Passes	6831	7169	6979	7298	7447	7331	7834
Physics	Entries	9286	8952	8617	8582	8765	9002	9018
	Passes	6856	6685	6421	6297	6522	6908	7059





Gender breakdown of number of Scottish Higher entries

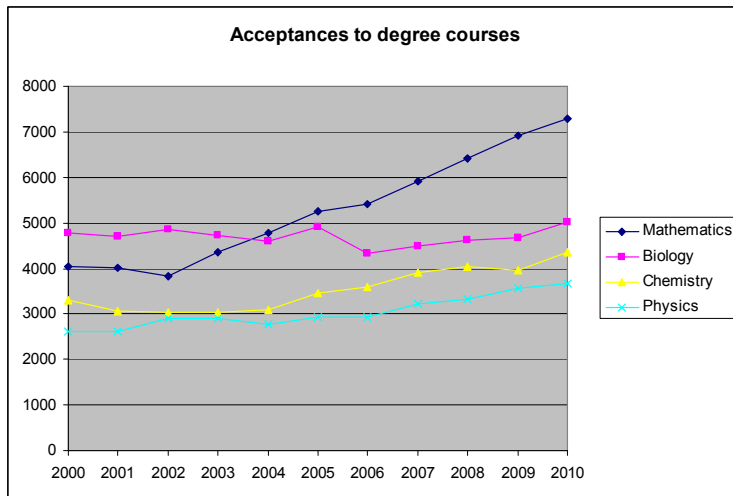
	Mathematics		Biology		Chemistry		Physics	
2004	Male	10233	Male	2761	Male	4620	Male	6681
	Female	9161	Female	6091	Female	4651	Female	2605
2005	Male	9969	Male	2847	Male	4657	Male	6397
	Female	9212	Female	6096	Female	4754	Female	2555
2006	Male	9615	Male	3018	Male	4693	Male	6196
	Female	9008	Female	6026	Female	4475	Female	2421
2007	Male	9646	Male	3029	Male	4709	Male	6180
	Female	9146	Female	6140	Female	4781	Female	2402
2008	Male	10140	Male	3114	Male	4858	Male	6386
	Female	9496	Female	6018	Female	4647	Female	2379
2009	Male	10145	Male	3238	Male	4813	Male	6446
	Female	9493	Female	5869	Female	4769	Female	2556
2010	Male	10765	Male	3382	Male	5120	Male	6544
	Female	9892	Female	5926	Female	5059	Female	2474



THE POPULARITY OF MATHEMATICS DEGREES

Acceptances to degree courses

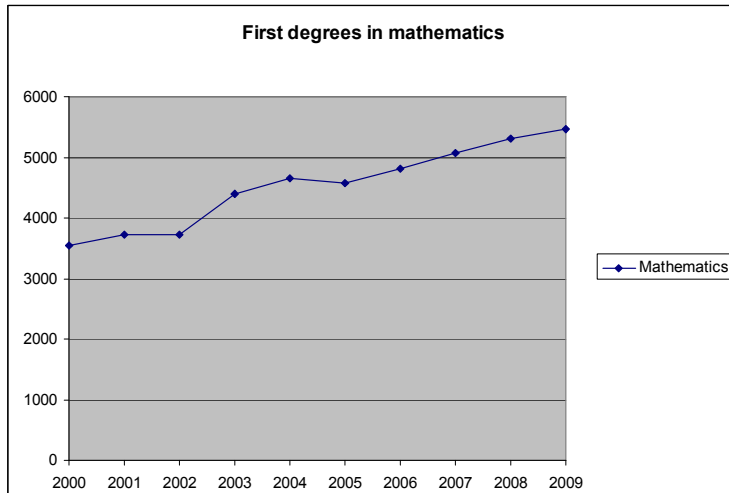
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Mathematics	4049	4006	3840	4366	4778	5263	5412	5915	6403	6916	7276
Biology	4775	4697	4858	4730	4584	4904	4331	4498	4612	4668	5020
Chemistry	3312	3059	3045	3042	3080	3464	3583	3897	4029	3954	4354
Physics	2620	2612	2907	2905	2761	2927	2934	3228	3330	3566	3672





First degree qualifications

	First Degrees in Mathematics		
	Mathematics	Total	% of Total
2000	3550	265270	1.3
2001	3720	272665	1.4
2002	3725	274440	1.4
2003	4390	282380	1.6
2004	4655	292090	1.6
2005	4575	306365	1.5
2006	4815	315985	1.5
2007	5060	319260	1.6
2008	5300	334890	1.6
2009	5475	333720	1.6

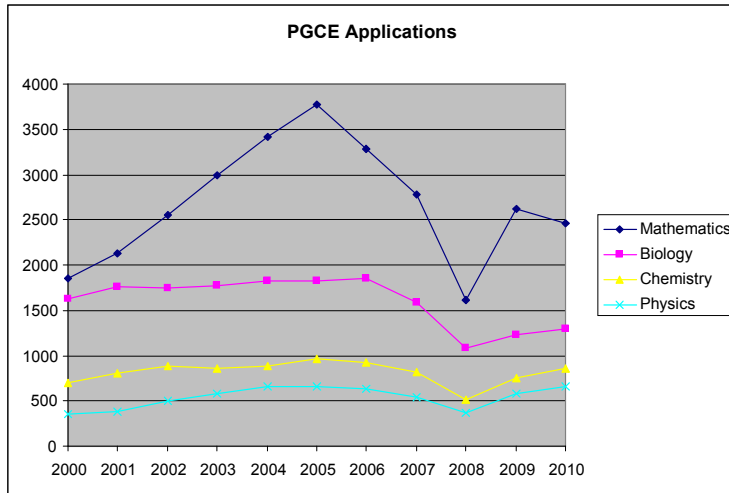




Teacher Training

Applications to PGCE courses in mathematics and the sciences

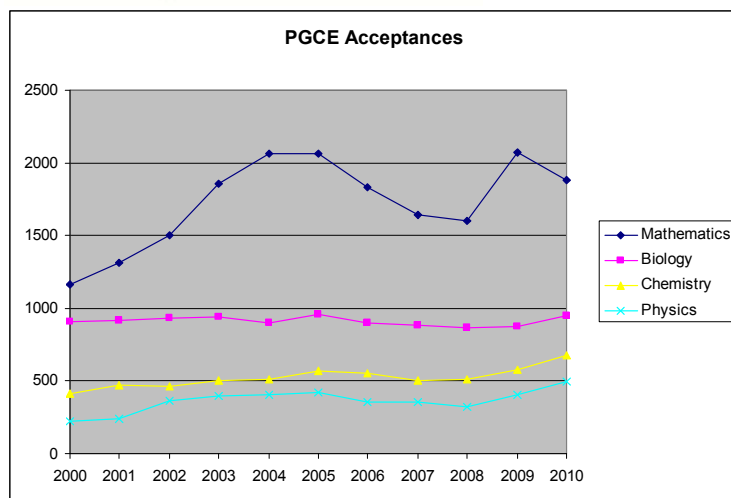
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Mathematics	1848	2130	2553	2997	3412	3775	3284	2786	1622	2628	2470
Biology	1630	1767	1743	1769	1834	1825	1854	1592	1092	1238	1293
Chemistry	702	812	884	855	890	969	924	818	519	755	855
Physics	358	387	509	584	656	668	636	540	376	580	663





Acceptances to PGCE courses in mathematics and the sciences

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Mathematics	1162	1311	1502	1858	2059	2066	1835	1645	1599	2068	1881
Male	603	684	841	1020	1173	1107	943	872	846	1085	929
Female	559	627	661	838	886	959	892	773	753	983	952
Biology	906	913	936	938	903	955	897	881	866	873	945
Male	281	292	301	327	277	326	269	255	285	293	338
Female	625	621	635	611	626	629	628	626	581	580	607
Chemistry	410	469	466	501	515	567	551	503	508	578	677
Male	199	208	219	226	226	255	224	216	219	229	292
Female	211	261	247	275	289	312	327	287	289	349	385
Physics	224	242	359	399	408	422	358	353	320	408	497
Male	147	175	273	282	300	315	258	247	235	281	240
Female	77	67	86	117	108	107	100	106	85	127	157



Sources

GCSE

Source: Joint Council for Qualifications

These data cover UK entries from England, Wales and Northern Ireland only, not overseas candidates.

A-level/AS

Source: Joint Council for Qualifications

These data cover examination results of the GCE boards in England, Wales and Northern Ireland only, not overseas candidates.

Scottish Higher Grade

Source: Scottish Qualifications Authority (SQA)

These data cover all candidates at Scottish Higher Grade.

Acceptances to Higher Education

Source: Universities and Colleges Admissions Service (UCAS)

Graduate Qualifications

Sources: Higher Education Statistics Agency (HESA)