



REPUBLIC OF TUNISIA

Ministry of Higher Education and Scientific Research

Features of higher education and scientific research

Academic year

2009/2010

Office of Studies, Planning and Programming

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I- Universities and institutions of higher education

1) Universities and General Direction of Technological Studies

* Number of universities including the Virtual University	13
* General Direction of Technological Studies	1

2) Number of higher education and research institutions :

* Under supervision of MHESR(1)	163
* Under joint supervision	30

3) LMD System :

*Number of institutions	163
*Number of licenses	561
- Of witch basic licenses	126
- Of witch applied licenses	435
- Of witch licenses co-built	33
*Number of professional master	69
*Number of research master	19

II- Students :

1) Number of students :	357 472
* Under supervision of MHESR	331 486
* Under joint supervision	25 986

2) Distribution of students by gender :

* Male students	142 808
* Female students	214 664
- Ratio of female students	60,1

3) Distribution of students by nationality :

* Foreigns	2 203
*Number of foreign nationalities	62

4) Distribution of students by university and field of study (ISCED(2))

University	Ezzitouna	Tunis	Tunis El Manar	7 Nov at Carthage	Manouba	Jendouba	Sousse	Kairouan	Monastir	Sfax	Gabes	Gafsa	G.D.T.S	Total	Which female
Teacher training and education science		193		1228	144	53				40				1658	1366
Arts		3528		1746	2322	475	2759	1365	2168	2457	1156	1880	50	19906	14455
Humanities	1338	8044	2712	6014	7169	4037	6486	2277	5235	4713	5069	4956		58050	43715
Social and behavioural science		3587	2888	2775	1226	1051	1381	916	176	2994	576	195		17765	11662
Journalism and information				24	1836		73	24						1957	1383
Business and administration	20	5443	4212	6805	6203	2138	8779	1678	1081	7429	614	2227	6004	52633	33755
Law			6217	3150		1683	3608		928	3063		626	243	19518	13643
Life sciences			3506	1418	342			2048		1792	916	1038		11060	8672
Physical sciences		473	3432	2668	122		530	3277		2724	1178	1813	130	16347	9419
Mathematics and statistics		135	1482	1114			173	1303	458	946	727	669	35	7042	3054
Computer sciences and telecommunications	215	2627	5763	5966	5525	2447	3675	4210	2503	6711	2330	4407	9142	55521	27248
Engineering and engineering trades		3388	4912	6012		237	1982	4003	1163	3781	2247	2784	9530	40039	12607
Manufacturing and processing		225	290	1363	12		162	1250		1386		801	3228	8717	5849
Architecture and building		518	385	3541	30		108			61		617	1631	6891	2678
Agriculture, forestry and fishery			137	3268			1426	1170	59	533		229	17	6839	4523
Veterinary					450									450	247
Health			7595			340	2863	5965		3298		222		20283	14110
Personal Services		1304		1491	1827	1249		644	872	1660	474	70	30	9621	4288
Transport Services				41	75		1273			290	76			1755	918
Environmental protection			647	530						106		137		1420	1072
Total	1573	29465	44178	49154	27283	15136	35022	29019	14584	43984	15363	22671	30040	357472	214664
Which female	826	18000	27060	29291	16670	9753	22086	17901	9195	25872	9233	15119	13658	214664	

(1)Ministry of higher education and scientific research

(2)International Standard Classification of Education

III Distribution of students by cycle and field of study (ISCED) 2009/2010

Type of diploma \ Field of study	LMD					Short cycle (1)	BA	Medicine and pharmacy	preparatory cycle	Engineering and architecture	Third cycle	Others (2)	Total
	Basic license	Applied license	Applied license Co-built	Third cycle									
				Research master	Professional master								
Teacher training and education science		1243				53	82				280	-	1658
Arts	3303	10521	22		56	149	1731				1813	2311	19906
Humanities	23853	17455		306	239	511	9012				6179	495	58050
Social and behavioural science	5779	6450		55	55		2373				2974	79	17765
Journalism and information	190	688			40	55	718				266		1957
Business and administration	14930	20466	147	99	611	2535	6647				6014	1184	52633
Law	6322	5714			77	307	3753				3345		19518
Life sciences	3054	2848			111	203	2007		387	2450			11060
Physical sciences	6422	4494	33		118	166	2126		230	2716	42		16347
Mathematics and statistics	3935	224	0	55	12	35	1193		450	1099	39		7042
Computer sciences and telecommunicat	11054	27528	206	126	816	2593	4265		4738	4195			55521
Engineering and engineering trades	1189	14031	46	18	297	2398	626		12979	4706	3749		40039
Manufacturing and processing	349	5060	213		175	903	252			728	1037		8717
Architecture and building		3077	55	30		299	54			3170	206		6891
Agriculture, forestry and fishery		1254	10			340			2563	1733	939		6839
Veterinary		0							450				450
Health		6471	43		32	1765		10562			1410		20283
Personal Services	3625	3952	30		30	176	1334				474		9621
Transport Services	342	751	41	31	90	0	41				459		1755
Environmental protection		1190			67	46	37				80		1420
Total	84347	133417	846	720	2826	12534	36251	11012	15542	16142	39685	4150	357472

IV Graduates by university & degree (2009)

Degree \ University	Short cycle			BA	Engineering and architecture	Medicine and pharmacy	Third cycle			Others (2)	Total
	Basic license	Applied license	Applied license Co-built				PhD	Research master	Professional master		
Ezzitouna	127		40	146			16	16	19		364
Tunis		306		3049			83	349	294	33	4114
Tunis El Manar	22	742	1612	3231	766	381	253	915	209		8131
7 Nov.at Carthage	0	91	1706	3758	1494		73	648	228	24	8022
Manouba	703	813	520	2441	282		54	239	551	115	5718
Jendouba	176	399	1287	1167	152			84	22		3287
Sousse	181	527	1527	2743	372	201	19	316	262		6148
Monastir	307	869	1270	1811	304	359	125	259	88		5392
Kairouan	87	547	520	1017				10	76		2257
Sfax	39	559	1435	4209	511	195	200	726	468	1	8343
Gafsa	85	259	697	1350				26	74		2491
GabEs	336	908	871	1738	228		3	77	63		4224
G.D.T.S		108	7031								7139
Total	2063	6128	18516	26660	4109	1136	826	3665	2354	173	65630

(1) Short cycle : applied license, university diploma of technology studies, senior technician, technological university diploma

(2) Others : agregation, auditing, national diploma of arts and crafts, veterinary medical diploma,

V-The full-time teaching staff

Rank	Status	Statutory	Contract	Total
Professor & lecturer		1731		1731
Assistant teacher & assistant		7914	3547	11461
Lecturer technologist		42		42
Assistant technologist and technologist		1213	744	1957
Medical university teacher		1811	1	1812
Others		3153	767	3920
Foreign teachers			288	288
Total		15864	5347	21211
which female		6599	3796	10395

(*) Others : Secondary school teachers, engineers, Medical doctors, technologist

VI- Training

1) Distribution of students according to the type of training and the cycle

Type of training	Cycle	First cycle	Second cycle	Senior technician	Engineer	Third cycle	Total
Continuous Training		236	326	784	278	158	1782
Distance learning		1490	1040	1170	85	134	3919
Total		1726	1366	1954	363	292	5701

VII- Rate of schooling in higher education

Students from 19 to 24 years old

Year	Rate of schooling (%)	Year	Rate of schooling (%)
1986/1987	6	2005/2006	34,6
2001/2002	25	2006/2007	34,6
2002/2003	28	2007/2008	36,2
2003/2004	31,7	2008/2009	37,3
2004/2005	33,3	2009/2010	37,6

VIII-Budget of the Ministry of Higher Education and Scientific research 2010

(in million of TD)

Title	State Budget	Budget of MHESR			Ratio
		Higher education sector	Scientific research sector	Total	
Title I	12845,500	818,596	30,513	849,109	6,6
Title II	4402,000	190,310	71,718	262,028	6,0
Receipts of special treasury funds	987,500				
Total	18235,000	1008,910	102,231	1111,140	6,10

Finance act 2010

IX-Scientific research :

1) Distribution of research laboratories and units by universities and other institutions (2009)

University/Institution		Number of laboratories	Number of units
University	Ezzitouna	0	6
	Virtual	1	0
	Tunis	8	37
	Tunis El Manar	32	147
	7 Novembre at Carthage	15	50
	Manouba	6	26
	Jendouba	1	1
	Sousse	0	56
	Monastir	12	85
	Kairouan	0	1
	Sfax	17	94
	Gafsa	1	10
Gabes	0	5	
S/university		93	518
Scientific research centers		46	28
Institutions of public health		7	63
Other institutions		1	6
Total		147	615

2) Distribution of researchers, laboratories and units research by fields (2009)

Specialty	Laboratory	Unit	Teaching researcher		Student researcher	
			Type A	Type B	Master	PhD
Humanities and social sciences	6	77	292	786	710	969
Juridical & economic sciences	15	61	278	1031	880	1547
Exact sciences	42	115	651	1589	1109	2116
Life & biotechnological sciences	72	300	1359	1539	1155	2126
Engineering sciences	12	62	298	917	720	1304
Total	147	615	2878	5862	4574	8062
			8740		12636	

3) Scientific research centers (2009)

Ministry	Number of centers	Ministry	Number of centers
Ministry of higher education and scientific research	12	Ministry of communication technologies	1
Ministry of agriculture, hydraulic resources and fisheries	10	Ministry of women, family, children and elderly affairs	1
Ministry of public health	5	Ministry of national defense	1
Ministry of social affairs, solidarity and tunisians abroad	2	Ministry of justice and human rights	1
Ministry of the environment and sustainable development	1	Ministry of culture and safeguard of patrimony	1
		Total	35

X- Private higher education 2009/2010

- Number of institutions **34**
 - Number of students **12 586**

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