

FOREST SERVICE EMPLOYMENT DATA

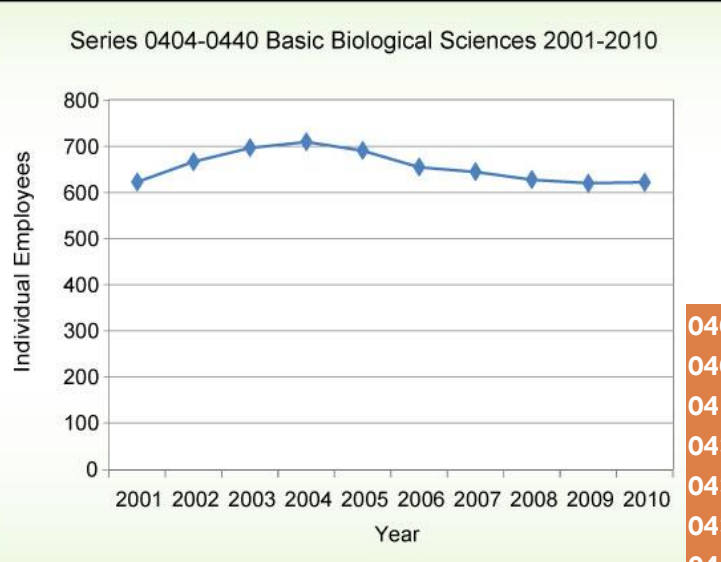
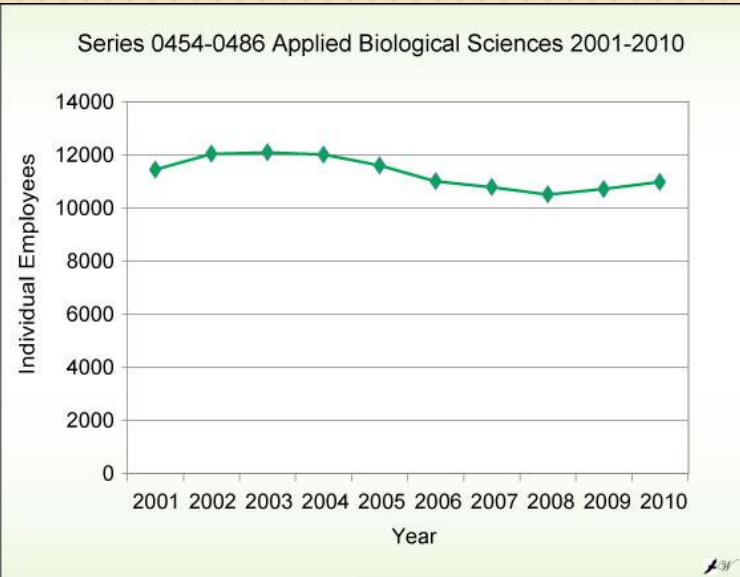
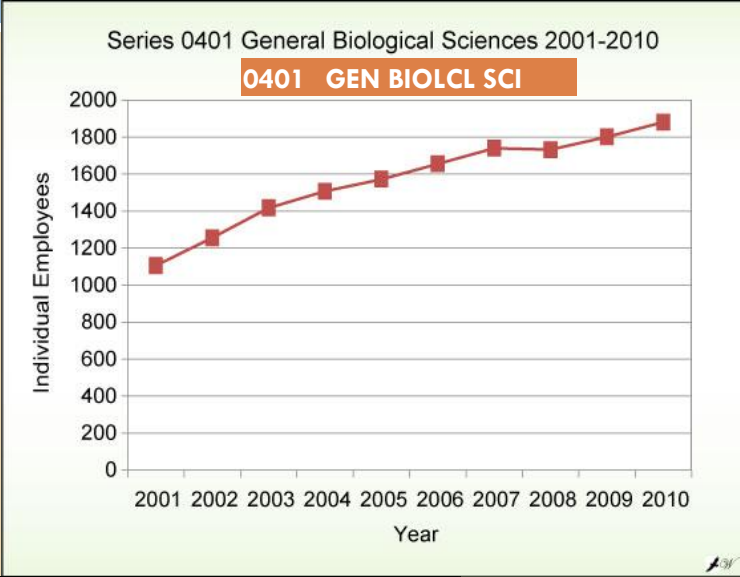
Terry L. Sharik



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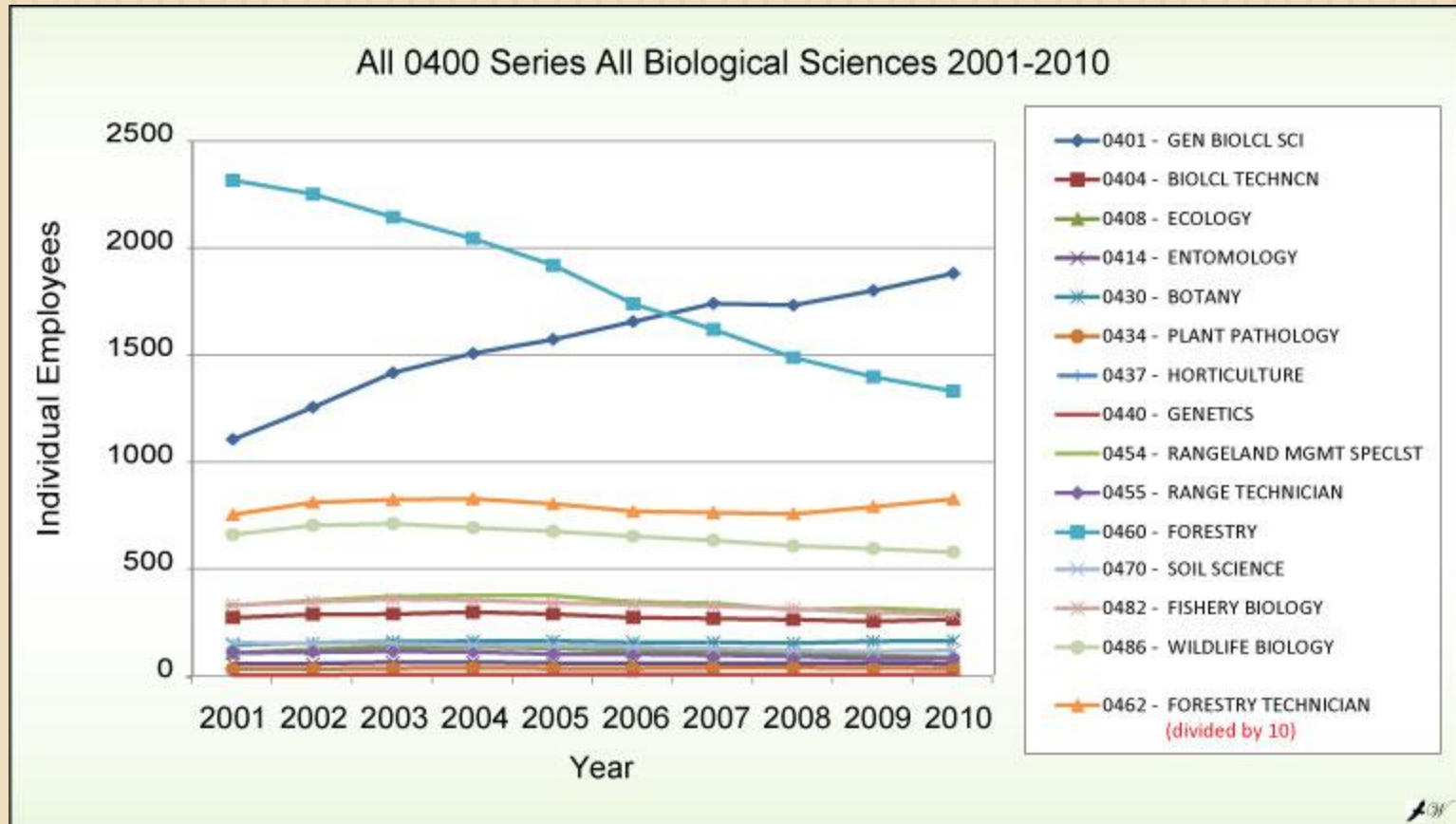
USDA Forest Service employment trends in the General, Applied, and Basic Biological Sciences, 2001-2010



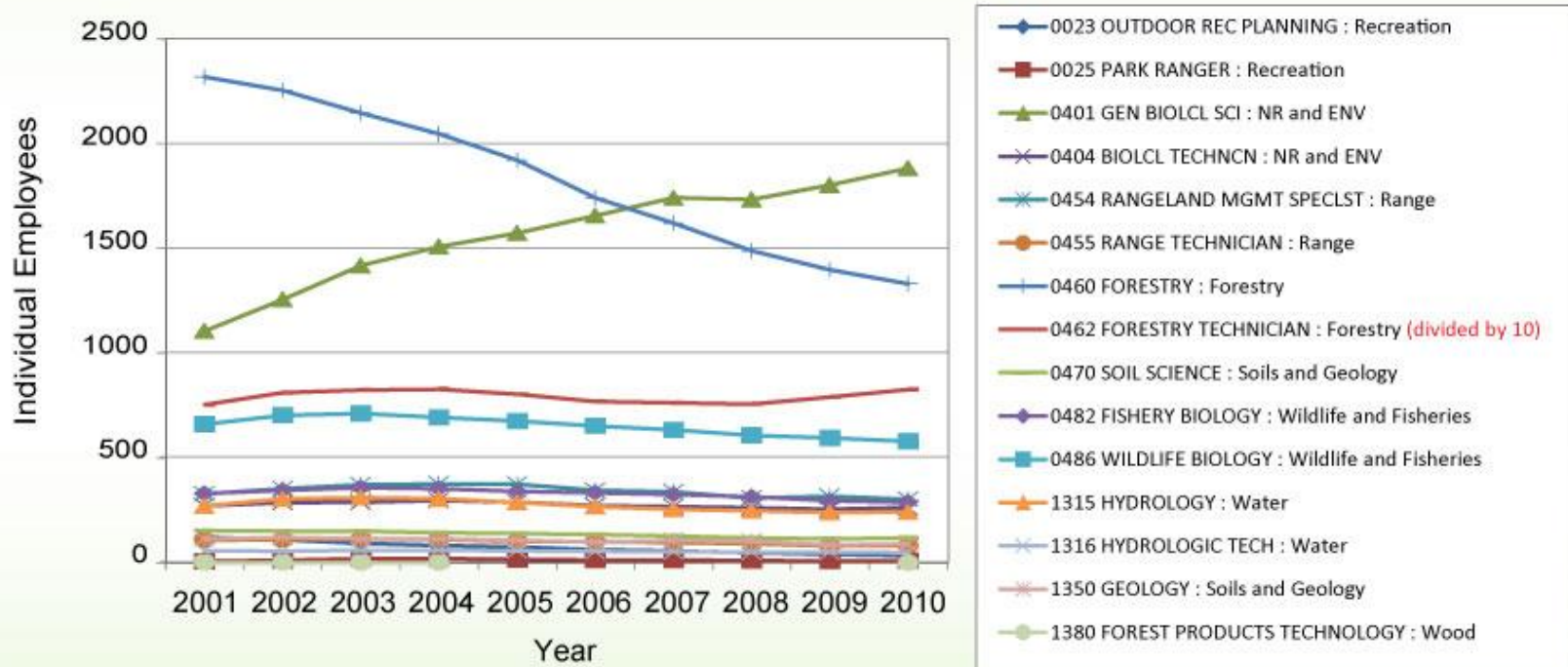
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- 0408 ECOLOGY
- 0414 ENTOMOLOGY
- 0430 BOTANY
- 0434 PLANT PATHOLOGY
- 0437 HORTICULTURE
- 0440 GENETICS

- 0454 RANGELAND MGMT SPECLST
- 0455 RANGE TECHNICIAN
- 0460 FORESTRY
- 0462 FORESTRY TECHNICIAN
- 0470 SOIL SCIENCE
- 0482 FISHERY BIOLOGY
- 0486 WILDLIFE BIOLOGY

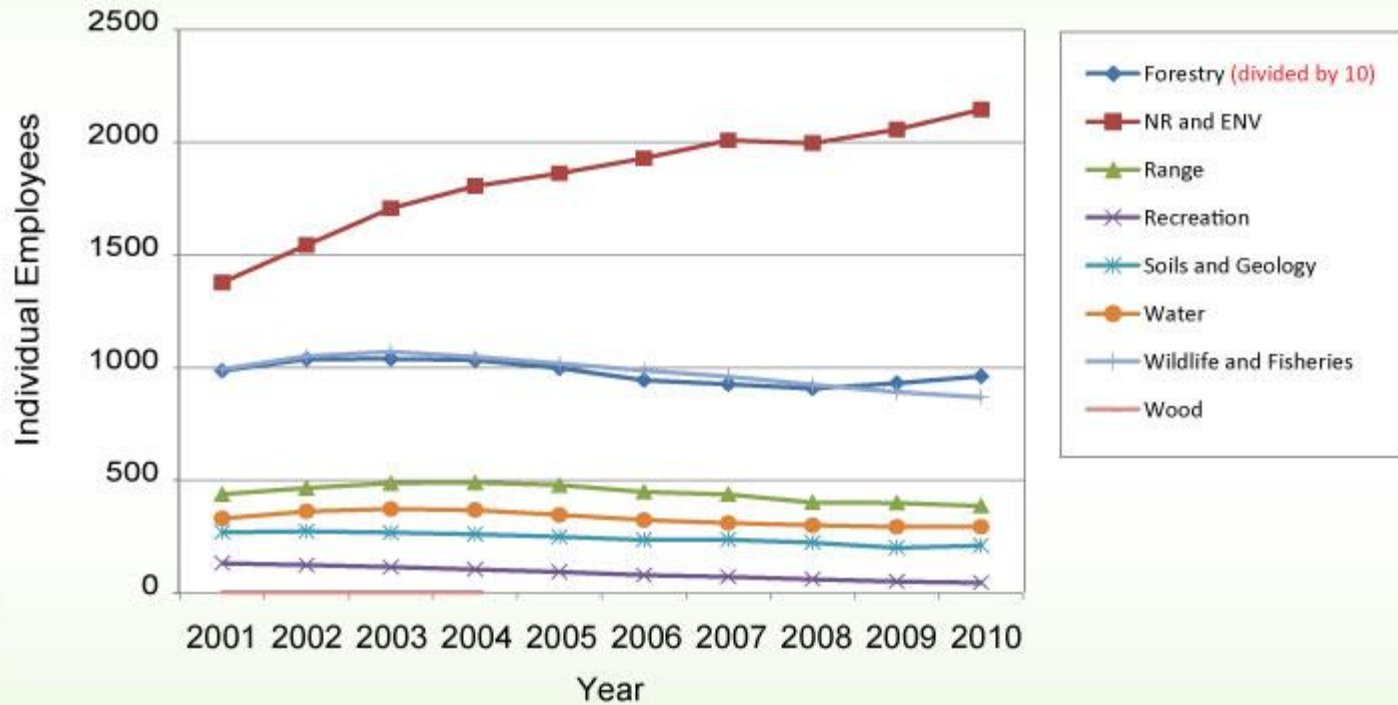
USDA Forest Service employment trends for all 0400 job series (Biological Sciences), 2001-2010



Natural Resources Traditional Series and Comparable NR Enrollment Categories 2001-2010



USFS Employees by Comparable NR Enrollment Categories 2001-2010



Attributes of people in the work force holding undergraduate degrees in major groups of study from U.S. colleges based on 2009 data. Listed in order of median wages (Carnevale et al. 2011)

Major Group	Median Wages	% of All Majors	% Obtaining Graduate Degree	% Earnings Boost from Graduate Degree	Full-time Work Status (%)	Employment (%)	Female (%)	White (%)
Engineering	\$75,000	8.2	37	32	93	94	16	71
Computers and mathematics	\$70,000	5.1	32	31	91	94	31	67
Business	\$60,000	2.5	21	40	90	95	45	76
Health	\$60,000	6.9	31	50	77	98	85	73
Physical sciences	\$59,000	2.8	48	70	86	95	42	74
Social science	\$55,000	6.9	40	57	86	94	47	75
Agriculture and natural resources	\$50,000	1.6	27	35	90	96	30	90
Communications and journalism	\$50,000	5.9	20	25	82	94	64	81
Industrial arts and consumer services	\$50,000	1.6	20	35	84	95	35	83
Law and public policy	\$50,000	2.3	24	45	90	95	41	72
Biology and life science	\$50,000	3.5	54	101	81	95	55	76
Humanities and liberal arts	\$47,000	9.7	41	48	80	93	58	80
Arts	\$44,000	4.6	23	23	76	92	61	81
Education	\$42,000	10.6	44	33	82	96	77	82
Psychology and social work	\$42,000	5.4	45	43	79	94	74	76

(Carnevale et al. 2011)

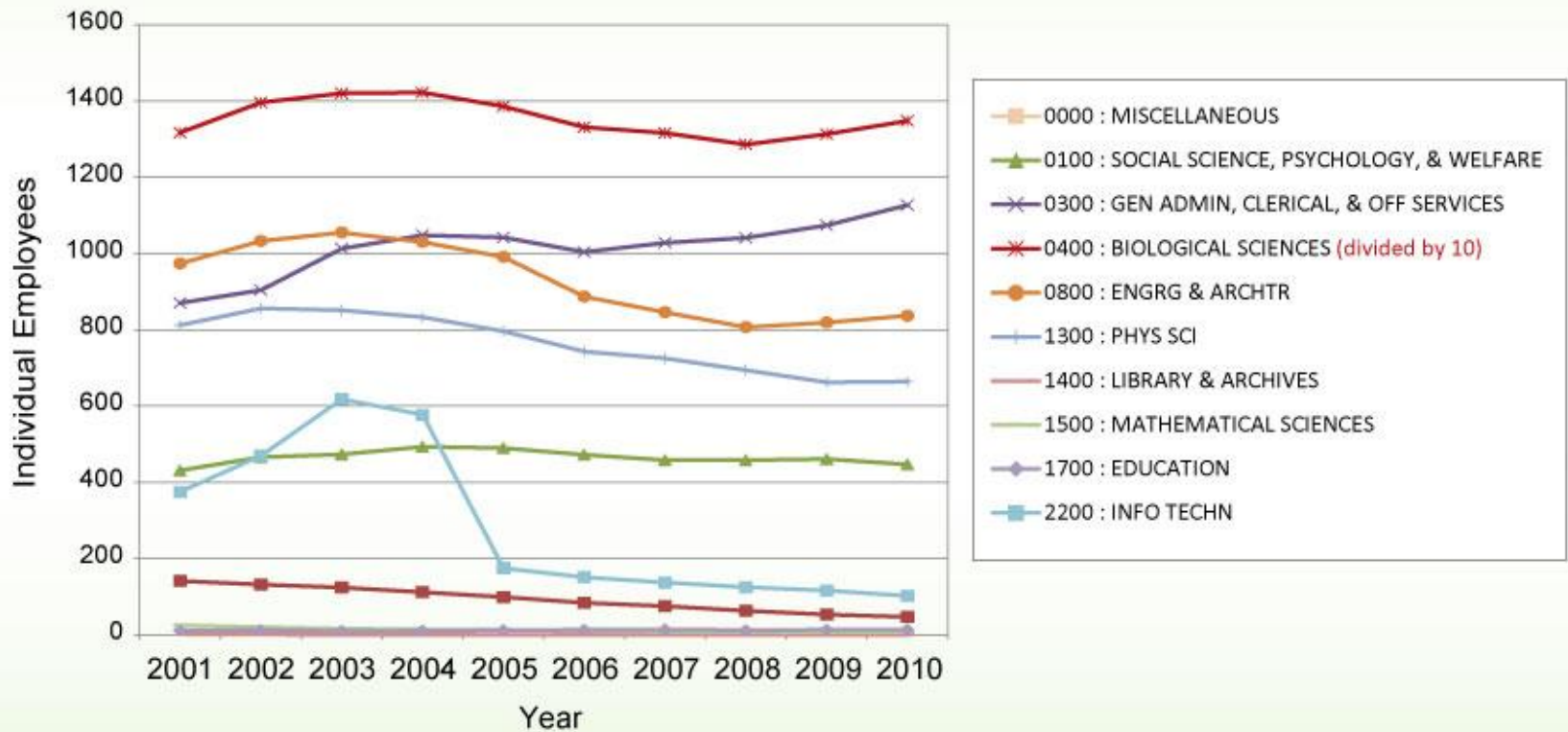
Various attributes of people in the work force holding undergraduate degrees in Forestry and Natural Resource Management compared to other majors in Agriculture and Natural Resources from U.S. colleges, based on 2009 data (Carnevale et al. 2001).

	Percent of Major Group (rank)	Median Earnings (\$, rank)	% Obtaining Graduate Degree	Earnings Boost from Graduate Degree (% , rank)	Full-time Work Status (% , rank)	Employed (% , rank)	Female (% , rank)	Female Median Earnings (\$, rank)	Male Median Earnings (\$, rank)	White (% , rank)
Agriculture and Natural Resources Major Group*	100	50,000	27	35	90	96	30	40,000	55,000	90
Forestry	11 (6)	60,000 (2)	26 (6)	15 (8)	92 (2)	97 (2)	17 (10)	50,000 (2)	60,000 (2)	93 (1)
Natural Resources Management	14 (4)	50,000 (3)	28 (5)	45 (2)	88 (5)	95 (4)	33 (4)	43,000 (3)	53,000 (3)	92 (2)

(Carnevale et al. 2011)

*Includes Agricultural Economics, Agriculture Production and Management, Animal Sciences, Food Sciences, Forestry, General Agriculture, Miscellaneous Agriculture, Natural Resources Management, Plant Sciences and Agronomy, and Soil Science.

USFS Employment by Job Series Groups, 2001 to 2010



Series in Group

GROUP	Employees	SERIES	TITLE
0000			
	59	0020	COMMUNITY PLANNING
	12	0021	COMMUNITY PLANNING TECHNICIAN
	727	0023	OUTDOOR REC PLANNING
	132	0025	PARK RANGER
0100			
	578	0101	SOCIAL SCIENCE
	425	0102	SOCIAL SCIENCE AID AND TECHNICIAN
	86	0110	ECONOMIST
	121	0150	GEOGRAPHY
	47	0170	HISTORY
	2	0189	RECREATION AID & ASSISTANT
	3390	0193	ARCHEOLOGY
0300			
	2957	0301	MISCELLANEOUS ADMINISTRATION & PROGRAM
	6478	0340	PROGRAM MANAGEMENT
	716	0343	MANAGEMENT & PROGRAM ANALYSIS

0400

15675	0401	GEN BIOLCL SCI
2759	0404	BIOLCL TECHNCN
1142	0408	ECOLOGY
595	0414	ENTOMOLOGY
1581	0430	BOTANY
355	0434	PLANT PATHOLOGY
63	0437	HORTICULTURE
63	0440	GENETICS
3419	0454	RANGELAND MGMT SPECLST
999	0455	RANGE TECHNICIAN
18257	0460	FORESTRY
79286	0462	FORESTRY TECHNICIAN
1355	0470	SOIL SCIENCE
3290	0482	FISHERY BIOLOGY
6515	0486	WILDLIFE BIOLOGY

1300

803	1301	GEN PHYS SCI
91	1311	PHYSICAL SCIENCE TECHNICIAN
2737	1315	HYDROLOGY
549	1316	HYDROLOGIC TECH
1	1320	CHEMISTRY
94	1340	METEOROLOGY
65	1341	MTRLGCL TECHNCN
1057	1350	GEOLOGY
259	1370	CARTOGRAPHY
874	1371	CARTOGRAPHIC TECH
1102	1373	LAND SURVEYING
4	1380	FOREST PRODUCTS TECHNOLOGY

1400

3 1410 LIBRARIAN

1500

97 1515 OPERATIONS RESEARCH

1 1520 MATHEMATICS

10 1529 MATHEMATICAL STATISTICS

6 1530 STATISTICS

17 1550 COMPUTER SCIENCE

1700

24 1701 GENL EDUC & TRAINING

36 1702 EDUCATION AND TRAINING TECHNICIAN

6 1710 EDUC & VOCATNL TRNG

42 1712 TRAINING INSTRUCTION

9 1720 EDUCATION PROGRAM

5 1750 INSTRUCTIONAL SYSTEMS

2200

2846 2210 INFORMATION TECHNOLOGY SPECIALIST