

APPENDIX III—SCIENTIFIC MAN-POWER REQUIREMENTS OF INDUSTRIAL CONCERNS
ACCORDING TO MAJOR SUBJECTS

Major Subject.	Staff, 1947-48.	Anticipated Staff in 1953.	Excess of 1953 Staff over 1947-48 Staff.	Present Vacancies.
Agriculture	1	4	3	..
Botany	3	9	6	1
Chemistry and chemical engineering	183	271	88	33
Geology	2	4	2	..
Home science	..	2	2	..
Mathematics	3	..	-3	..
Physics	11	21	10	2
Zoology	..	1	1	..
Subject not stated	7	54	47	6
Totals	210	366	156	42

APPENDIX IV—NUMBER OF STUDENTS TAKING VARIOUS UNIVERSITY COURSES FROM
1927 TO 1948

Students Taking Definite Courses.	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.	1936.	1937.
Science	383	412	407	468	492	481	488	503	503	475	494
Agriculture	26	23	24	24	38	37	28	26	19	32	31
Home science	120	119	115	109	106	105	93	83	103	95	100
Engineering	236	147	221	210	221	166	172	145	132	212	174
Mining	19	22	16	13	32	31	35	41	39	33	42
Others	3,595	3,221	3,332	3,594	3,491	3,780	3,710	3,673	3,715	3,636	3,834
Totals	4,379	3,944	4,115	4,418	4,380	4,600	4,526	4,471	4,511	4,483	4,675
Percentage of science students to total students	8.7	10.4	9.9	10.6	11.2	10.5	10.8	11.2	11.1	10.6	10.6

Students Taking Definite Courses.	1938.	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.
Science	511	587	566	624	595	796	1,002	1,176	1,516	1,750
Agriculture	45	49	39	26	27	36	33	42	88	116
Home science	139	144	170	184	186	190	207	207	207	170
Engineering	154	184	163	181	157	235	309	399	705	549
Mining	38	45	41	40	30	42	35	38	63	61
Others	3,901	4,023	3,840	3,703	3,063	3,881	4,967	5,890	8,377	8,660
Totals	4,788	5,032	4,819	4,758	4,058	5,180	6,553	7,752	10,956	11,306
Percentage of science students to total students	10.7	11.7	11.7	13.1	14.7	15.4	15.3	15.2	13.8	15.5

NOTE.—The figures shown include all students taking definite courses, whether of degree or diploma standard. It has not been possible from the records available to isolate degree students except in the case of agriculture, where degree students only are given.