[College Factual Doctorate]

Introduction

The major research universities in the United States had been investigated
for the doctoral ranking of 2022 College Factual.
The investigation had been performed as best as possible for the accuracy of data,
but never be perfect nor exhaustive.
Suggestion and advice are truly welcome (Kiyoung Kim, Professor of Law and
Public Policy, College of Law and Social Studies, Chosun University, Gwang-ju,
South Korea: kiyoungkim@chosun.ac.kr).
I plan that the data would be used for the next research publication. The
institutions had been ordered alphabetically.

Comment

The number beside a subject name indicates the rank of doctoral schools.
Some of them merely replicates the rank of overall quality for the graduate or
doctoral programs because they could not be confirmed completely.
The doctoral ranking of College Factual is found that it largely corroborates
the characteristics of NRC studies in terms of institutional strength about
the breadth and depth formulaic.
Between the public and private groups, one can note that each
group shares a similar attribute among the same group while
the private universities fared better than
the previous NRC studies in both considerations.

– Columbia University –

Philosophy 4, Religion 7, Rehabilitation & Therapeutic 141, Multi/Interdisciplinary Studies 11, Architecture 5, Architecture Related Services 9, Fine Art 3, Visual & Performing 12, Music 19, Computer Science 14, Computer Info. Science. 19, Foreign Language & Linguistics 2, Romance 1, Middle East 1, German 3, Classical language 1, Slavic 1, General biology 10, Biomedical Engineering 20, Biochemistry 19, Biological/Biomedical Sciences 11, Business Management Marketing 12, Business Administration 5, Engineering 21, Mechanical Engineering 22, Chemical Engineering 16, Environmental Engineering 4, Civil Engineering 7, Industrial Engineering 8, Electrical Engineering 20, Geology 1, Chemistry 3, Engineering Physics 6, Physics 5, Astronomy 3, Social Science 10, Psychology 27, Child Development 17, Political Science 8, Sociology 7, Anthropology 18, Math 34, Applied math 14, Math & Statistics 32, Statistics 18, Physical Sciences 6, English 8, English Languages 8, Neurobiology 10, History 10, Speech Communication 2, Rehabilitation & Therapeutic 8, Pharmacology 11, Communication & Mass Media 3, Communication & Journalism 11, Other Physical Science 1, Ecology 10, Genetics 9, Nursing 7, General Social Science 5, Other Psychology 1. Urban Planning 5, East Asian 1

1~10: 39
11~20: 18
21~25: 2
26-30: 1
30-141: 3

Top-ranked: 9

Total: 63

- Cornell University -

1. Humanities (7 programs)

Foreign Languages 14, Romance 11, General English 12, English Literature & Language 13, East Asian 11, Comparative Literature 17, Classical Language 15

2. Biology (7 programs)

General Biology 14, Biomathematics 5, Biochemistry 25, Microbiology 15, Genetics 11, Neurobiology 30, Biomedical Science 20

3. Engineering (10 programs)

Biomedical engineering 14, Chemical engineering 9, Mechanical Engineering 8, Civil engineering 9, Engineering 14, Engineering physics 1, Agricultural Engineering 3, Aerospace Engineering 13, Engineering Technology 11, Plastic & Polymer Engineering Tech. 1

4. Natural Science (10 programs)

Math 12, Math & Statistics 13, Statistics 7, Applied Math 9, Meteorology 4, Geology 10, Astronomy 8, Chemistry 13, Physics 14, Physical Science 14,

5. Art (8 programs)

Theater 4, Fine Art 4, Visual Performing 5, Music 3, Architecture Related Service 3, Design and Applied Arts 1 Fashion Design 1, Architectural History 1

6. Computer Science/Business/Communications (9 programs)

Business, Management & Marketing 7, Hospitality Management 1, Human Resource Management 1, Computer Science 5, Computer Information Science 12, Computer Information System 9, Communication Media 2, Communication Journalism 2, Business Administration 3

7. Social Science (16 programs)

Philosophy 3, Philosophy & Religious Studies 5, Religion 10, Social Science 9, Psychology 4, Anthropology 12, Sociology 10, Political Science 15, Economics 6,

Human Development 4, History 15, Other Social Science 5, Child Development 5, Public Administration & Social Service 6, Labor & Industrial Relations 1, Community Organization 1

8. Health and Others (10 programs)

Ecology 17, Nutrition Science 3, Area Studies 5, Area Ethnic Studies 6, Ethnic Studies 6, Natural Resource-A 5 Natural Resource-B 5, Interdisciplinary Studies 15, Science Tech Society 3, Urban planning 2

9. Agriculture (8 programs)

Agricultural Economics & Business 1, Animal Science 3, Zoology 3, Plant Sciences 1, Food Science 1, Family & Consumer 6, Agriculture & Agriculture Operation 1, Botany/Plant Biology 2

1~10: 58
11~20: 25
21-25: 1
26-30: 1

Top-ranked: 13

Total: 85

– Duke University –

Foreign Language 3, Classical Language 2, Romance 7, German 1, General English 7, English Language & Literature 7, General Biology 20, Biological & Biomedical Science 12, Biomedical Engineering 15, Biochemistry 10, Neurobiology 9, Nuclear Engineering 6, Engineering 19, Mechanical Engineering 7, Civil Engineering 20, History 4, Social Science 2, Political Science 2, Sociology 1, Economics 1, Math 4, Math & Statistics 5, Statistics 3, Computer Science 4, Computer Info. Science 4, Fine Art 2, Visual Performing 2, Nursing 3, Natural Resource-A 3, Natural Resource-B 3. Psychology 4, General Psychology 1, Philosophy 3, Philosophy & Religion 3, Religion 3, Public Policy 5, Public Adminstration 9, Pharmacology 3, Microbiology 6, Ecology 9, Electrical Engineering 7, Business Administration 1, Business, Management & Marketing 4, Genetics 3, Physiology 2, Madison 22, Art History 2, Music 2, Family Practice Nursing 1, Nurse Anesthetics 2, Nursing Science 1, Rehabilitation & Therapeutic 22, Economics & Quantitative Studies 1

1~10: 46
11~20: 5
21-30: 2

Top-ranked: 8

Total: 53

- Harvard University -

Physics 9, Cell Biology 5, Biomedical Science 5, Engineering 9, Astronomy 4, Chemistry 15, Physical Science 10, Fine Art 21, Visual Performing 39, Computer Science 3, Computer Information Science 4, Area Studies 2, Area Ethnic Studies 2, Ethnic Studies 2, Ecology 1, Psychology 3, Child Development 3, Economics 3, Political Science 4, Social Science 5, Sociology 6, Anthropology 5, Neurobiology 3, Education 3, General Education 2, Biochemistry 3, Biotechnology 3, General Biology 8, Architecture 3, Business Administration 21, Clinical Psychology 1, Health Profession 4, Public Health 1, Genetics 5, Multilingual education 1, Legal Research 2, Law 1, Advanced Dentistry 1, Public Administration 1, Medical Illustrations 2,

1-10: 38
11-20: 1
21-30: 1
31-40: 1

Top-ranked: 7

Total: 41

- Massachusettes Institute of Technology

Biomedical Science 3, Biomathematics 1, Biomedical Engineering 3, Geology 2, Physics 1, Chemistry 5, Architecture 4, Architecture Related Service 1, Computer Science 2, Computer Info. Science 2, Business, Management & Marketing 2, Math 1, Math & Statistics 1, Physical Science 3, Aerospace Engineering 2, Electrical Engineering 3, Mechanical Engineering 2, Chemical Engineering 2, Nuclear Engineering 1, Civil Engineering 4, General Biology 2, Meteorology 1, Astronomy 8, Multi/Interdisciplinary 7, Cognitive Science 4, Computer Info. System 6, General Business 3, Geophysics & Seismology 1, Aerospace Engineering 2, Neurobiology 3, Urban Planning 1

1~10: 31

Top-ranked: 9

Total: 31

- Northwestern University -

German 3, History 25, Foreign Language 1, Romance 2, Comparative Literature 1, General Biology 6, Engineering 7, Computer Engineering 2, Biomedical Engineering 11, Industrial Engineering 1, Chemical Engineering 3, Mechanical Engineering 5, Electrical Engineering 5, Physics 7, Chemistry 2, Geology 6, Social Science 8, Psychology 13, General Psychology 2, Political Science 6, Sociology 9, Economics 9, Philosophy 9, Religion 8, Computer Science 12, Computer Info. Science 16, Area/ Ethnic 4, Ethnic studies 3, Theater 2, Fine Art 5, Visual Performing 6, Music 5, Math 15, Applied Math 11, Math & Statistics 19, Communication & Media 4, Communication Science 2, communication & Journalism 6, Digital Communication 1, Human Resource Management 2 Marketing 1, Speech & Communication 1, Botany/Plant Biology 3, Astronomy 1, Cell Biology 13, Rehabilitation & Therapeutic 11, Engineering Physics 5, Film 25, Education 8, Biological & Biomedical Science 16, Neurobiology 15, Philosophy & Religion 14, Health Profession 13, Business, Management & Marketing 8

1-10: 39
11-20: 13
21-30: 2

Top-ranked: 7

Total 54

- Stanford University -

General English 2, English Language & Literature 2, Geology 4, Physics 2, Physical Science 1, Chemistry 1, General Biology 1, Applied Math 1, Math 2, Math & Statistics 2, Area Studies 1, Area & Ethnic Studies 1, Anthropology 2, Social Science 3, Child Development 1, Theater 1, Fine Art 1, Visual Performing 1, Music 1, Computer Science 1, Computer Info. Science 1, Political Science 3, Economics 5, Sociology 4, Aerospace Engineering 1, Engineering 2, Bioengineering 2, Civil Engineering 1, Electrical Engineering 1, Mechanical Engineering 1, Chemical Engineering 1, Psychology 1, Communication & Media 3, Communication & Journalism 3, Art History 1, History 8, Education 2, Cell Biology 1, Biochemistry 1, Other Biochemistry 1, Genetics 1, Ecology 2, Business, Management & Marketing 1, Petroleum Engineering 1, Physiology 1, Neurobiology 1, Engineering Tech. 1 Geophysics & Seismology 1, Management Science & Quantitative Method 1. Legal Research 2, Public Policy 2, Medical Illustrations 1

1-10: 52

Top-ranked: 32

Total: 52

- University of California-Berkeley -

1. Humanities (12 programs)

Foreign Languages 20, Other Foreign Lang. 3, Romance Language 15, Scandinavian Lang. 1, German Language 11, East Asian 7, Comparative Literature 15, Classical Language 14, General English 33, English Literature 33, Classic & Ancient 3, Writing Studies 4

2. Biology (5 programs)

Cell Biology 2, General Biology 16, Biomedical Science 22, Biochemistry 32, Microbiology 8 Neurobiology 32

3. Engineering (8 programs)

Nuclear Engineering 8, Civil Engineering 16, Chemical Engineering 15, Electrical Engineering 7, Mechanical Engineering 6, Biomedical Engineering 26, Material Engineering 3, Engineering 16

4. Natural Science (9 programs)

Astronomy 21, Applied Math 17, Geology 14, Mathematics 24, Math & Statistics 26, Statistics 12, Chemistry 12, Physics 19, Physical Science 16

5. Art (7 programs)

Fine Art 23, Theater 3, Music 25, Visual Performing 26, Architecture 6, Architecture Related Service 10, Film 5

6. Computer Science/Business Studies/Communication (4 programs)

Computer Information Science 10, Computer Information System 14, Business, Management & Marketing 16, Business Administration 10

7. Social Science (12 programs)

History 16, Sociology 25, Political Science 28, Social Science 28, Philosophy 24, Philosophy & Religion 27, Economics 21, Anthropology 20, Psychology 19, Public Administration 7, Public Policy 1, Child Development 11

8. Health (9 programs)

Pharmacology & Toxicology 10, Optometry 7, Ecology 22, Health Profession 70, Social Work 5, Nutrition Science 11, Physiology 12, Public Health 17, Urban Planning 8

9. Agriculture (1 program)

Botany/Plant biology 3

10. Education (2 programs)

Education 53, General Education 23

11. Others (11 programs)

Legal Profession 12,   law 12, Other Legal Profession 2, Legal Research 13, Interdisciplinary 26, Other Interdisciplinary 4, Area Studies 9,   Area & Ethnic 9, Ethnic 4, Natural Resource-A 2, Natural Resource-B 2

1-10: 31
11-20: 26
21-25: 10
26-30: 7
31-40: 5
41-End: 2

Top-ranked: 2

Total: 81

- University of California-Los Angeles -

General Psychology 11, Psychology 39, Physical Science 17, Geography 2, Slavic Languages 2, Romance Language 17, Comparative Literature 8, East Asian 5, Foreign Languages 11, General English 22, English Language & Literature 26, General Biology 44, Biomedical Engineering 13, Biochemistry 12, Microbiology 19, Electrical Engineering 16, Chemical Engineering 17, Aerospace Engineering 6, Engineering 20, Civil Engineering 13, Mechanical Engineering 9, Material Engineering 7, Architecture 13, Architecture Related Service 19, Area Ethnic 13, Education 37, Business, Management & Marketing 14, Music 15, Theater 6, Geology 21, Meteorology 1, Chemistry 9, Astronomy 10, Political Science 25, Economics 27, Sociology 28, Anthropology 19, Philosophy 17, Philosophy & Religious Studies 20, Religion 13, Math 21, Statistics 21, Nursing 14, Physiology 12, Ecology 19, Fine Art 14, Visual & Performing 21, Film 4, Ethnic Studies 11, Classical Language 46, Other Foreign Language 4, Genetics 21, Education Administration 22, Business Administration 23, Pharmacology 14, Medicine 24, Dentistry 16, Public Health 12, Natural Resource-A 10, Natural Resource-B 10, Urban Planning 7, Neurobiology 14, Statistics 21, Math & Statistics 28, Biological & Biomedical Science 23, Multi/Disciplinary Studies 30, Other Interdisciplinary Studies 5, Law 15, Legal Profession 12, Health Professions 43

1~10: 17
11~20: 31
21~25: 12
26~30: 5
31~40: 2
41~End: 3

Top-ranked: 1

Total: 70

- University of Michigan-Ann Arbor -

1. Humanities (11 programs)

Foreign Languages 30, Middle East 10, Writing 13, Romance Language 20, German Language 12, Slavic Language 3, Comparative Literature 21, East Asian Studies 46, Classics 2, General English 28, English Literature 35

2. Biology (7 programs)

Cell Biology 26, Biochemistry 28, Genetics 19, Microbiology 30, Molecular Physiology 2, Biomedical Sciences 48, Biomathematics 23, Neurobiology 35

3. Engineering (14 programs)

Marine Engineering 1, Nuclear Engineering 8, Industrial Engineering 5, Civil Engineering 30, Chemical Engineering 22, Electrical Engineering 19, Mechanical Engineering 15, Biomedical Engineering 29, Material Engineering 8, Aerospace Engineering 12, Computer Engineering 4, Environmental Engineering 8, Engineering 25, Manufacturing Engineering 4

4. Natural Science (11 programs)

Applied Math 40, Meteorology 6, Astronomy 18, Statistics 15, Geology 17, Mathematics 14, Math & Statistics 20, Chemistry 25, Physics 17, Physical Science 25, Polymer Chemistry 2

5. Art (7 programs)

Fine Art 8, Theater 3, Music 4, Visual Performing 7, Architecture 15, Architecture Related Service 28, Film 15

6. Computer Science/Business Studies/Communication (6 programs)

Computer Information Science 30, Information Science 4, Communication & Media 7, Communication & Journalism 7, Business, Management & Marketing 11, General Business 7

7. Social Science (14 programs)

History 18, Social Science 15, Sociology 15, Political Science 13, Philosophy 10, Philosophy & Religion 13, Economics 12, Anthropology 9, Psychology 29, Other Psychology 9, Child Development 16, Public Administration & Social Service 14, Public Policy 9, Public Administration (Other) 2

8. Health (11 programs)

Pharmacology & Toxicology 24, Pharmacy 29, Dentistry 10, Dentistry Oral Science 5, Ecology 28, Nursing 28, Nutrition Science 28, Health Profession 59, Physiology 29, Public Health 22, Urban Planning 35

9. Education (2 programs)

Education 42, Health & Physical Education 2

10. Others (10 programs)

Legal Profession 10, Interdisciplinary 20, Other Interdisciplinary 1, Area Studies 15, Area & Ethnic 19, Sustainability Science 22, Resource Management 1, Parks & Recreation 3, Natural Resource-A 7, Natural Resource-B 9

1~10: 34
11~20: 27
21~25: 11
26~30: 15
31~40: 4
41~End: 3

Top-ranked: 3

Total: 94

– University of Pennsylvania –

Communication & Media 1, Communication & Journalism 1, Architecture 8, Architecture Related Services 12, Fine Art 11, Visual & Performing 18, Music 11, Computer Info. science 6, Computer Info. System 4, Business Administration 3, Business, Management & Marketing 5, Foreign Languages & Linguistics 19, Middle East Languages 9, Romance 22, Classical Languages 12, German 9, General English 9, English Literature 9, Comparative Literature 9, Engineering 31, Biomedical Engineering 30, Electrical Engineering 27, Mechanical Engineering 24, Chemical Engineering 11, Material Engineering 19, Geology 11, Chemistry 7, Physics 10, Social Science 4, Political Science 5, Economics 4, Sociology 2, Anthropology 3, Math 10, Math & Statistics 10, Philosophy 1, Philosophy & Religious Studies 1, Religion 1, General Biology 7, Biological & Biomedical Sciences 9, Biochemistry 5, Neurobiology 8, Health Profession 45, Physical Sciences 9, History 2, Marketing 2, Pharmacology 2, Education-A 10, Education-B 11 Ecology 3, Applied Math 8, Cell Biology 4, Microbiology 4, Social Work 3. Urban Planning 11, Reading Teacher Education 1, Management Science & Quantitative Method) 2. Public Administration 12

1~10: 39
11~20: 11
21~25: 2
26-30: 2
31~4O: 1
41~End: 1

Top-ranked: 6

Total: 58

- University of Texas-Austin -

1. Humanities (6 programs)

Foreign Language 15, Romance 9, German 10, Comparative Literature 13, Middle East Language 4, East Asian 9

2. Biology (5 programs)

Biochemistry 31, Biological & Biomedical Science 44, Cell Biology 36, General Biology 25, Microbiology 43, Neurobiology 23

3. Engineering (8 programs)

Biomedical Engineering 12, Chemical Engineering 6, Mechanical Engineering 13, Electrical Engineering 6, Civil Engineering 5, Aerospace Engineering 8, Industrial Engineering 13, Material Engineering 17, Petroleum Engineering 2

4. Natural Science (10 programs)

Geology 7, Chemistry 14, Physics 11, Physical science 12, General psychology 10, Psychology 31, Math 33, Math & Statistics 35, Applied Math 32, Statistics 40

5. Art (5 programs)

Theater 5, Fine Art 13, Visual Performing 19, Music 12, Architecture Related Service 26,

6. Computer Science/Business/Communication (13 programs)

Computer Science 2, Computer Info. Science 25, Computer Info. System 13, Business Administration 16, Business, Management & Marketing 29, Accounting 4, Communication & Journalism 9, Digital Communication 5, Journalism 1, Communication Science 17, Public Relation 1, Management Science 40, Computational Science 2

7. Social Science (9 programs)

Anthropology 47, Philosophy 18, Philosophy & Religion 19, Religion 10, Geography 14, Social Science 44, Political Science 26, Economics 34, Sociology 31, Public

Policy 19, Public Administration 21

8. Health and Others (11 programs)

Ecology 31, Physical Education 5, Health Profession 166, Area studies 11, Area Ethnic 15, Ethnic 10, Interdisciplinary 18, American Sign Language 1, Nutrition Science 9, Historic Preservation 6, Law 17

9. Agriculture (1 program)

Botany/Plant Biology 15

10. Education (1 program)

Teacher Education Subject Specific 91

1-10: 27
11-20: 24
21-30: 5
31-40: 11
41-End: 6

Top-ranked: 4

Total: 73

- University of Wisconsin-Madison -

1. Humanities (9 programs)

Foreign Languages 17, Romance Language 12, German Language 7, Slavic Language 7, Comparative Literature 20, Classical Language 7, East Asian Studies 10, General English 34, English Literature 38

2. Biology (5 programs)

Biomedical Science 10, Biochemistry 7, Genetics 6, Microbiology 7, Molecular Biology 2 Neurobiology 29

3. Engineering (10 programs)

Nuclear Engineering 9, Industrial Engineering 7, Civil Engineering 25, Chemical Engineering 18, Electrical Engineering 22, Mechanical Engineering 25, Biomedical Engineering 21, Material Engineering 11, Agricultural Engineering 4, Engineering 28,

4. Natural Science (10 programs)

Meteorology 9, Astronomy 12, Statistics 20, Geology 16, Mathematics 28, Math & Statistics 33, Chemistry 29, Physics 27, Physical Science 30, Environmental Chemistry 1

5. Art (6 programs)

Fine Art 24, Theater 7, Music 27, Visual Performing 34, Architecture 20, Architecture Related Service 15,

6. Computer Science/Business Studies/Communication (6 programs)

Computer Information Science 20, Computer Information System 10, Communication & Media 9, Communication & Journalism 11, Business, Management & Marketing 25, General Business 19

7. Social Science (14 programs)

History 21, Sociology 21, Political Science 18, Philosophy 22, Philosophy & Religion

24, Geography 5, Economics 25, Anthropology 24, Psychology 43, General Psychology 13, Social Science 27, Public Administration 26, Consumer Science 1, Development Economics 1

9. Health (13 programs)

Pharmacology & Toxicology 3, Pharmacy 19, Vocational Rehabilitation 1, Ecology 23, Rehabilitation & Therapeutic 40, Nursing 40, Health Profession 71 Social Work 15, Nutrition Science 7, Physiology 2, Public Health 45, Medical Science 26, Clinical Psychology Urban Planning 15

10. Agriculture (9 programs)

Zoology 1, Plant Science 18, Botany/Plant biology 1, Food Science 3, Family & Consumer Science 5, Animal Science 1, Wildlife 4, Agriculture Operation 2, Soil Science 2

11. Education (6 programs)

Education 35, Curriculum, 19, Educational Philosophy 2, Special Education 17, Health & Physical Education 13, Multilingual Education 2

12. Others (8 programs)

Legal Profession 37, Interdisciplinary 31, Other Interdisciplinary 7, Area Studies 14, Area & Ethnic 18, Parks & Recreation 16, Natural Resource-A 10, Natural Resource-B 15

1-10: 35
11-20: 26
21-25: 16
26-30: 8
31-40: 9
41-End: 3

Top-ranked: 7

Total: 97

- Yale University -

Area Studies 3, Ecology 8, Cell Biology 2, Microbiology 4, Biomedical Psychology 7, Multi/Interdisciplinary Studies 2, Architecture 3, Architecture Related Services 5, Natural Resources 1, Fine Art 10, Music 7, Visual Performing 15, Social Science 1, Political Science 1, Economics 2, Sociology 2, History 1, General English 1, English literature 1, Neurobiology 5, Computer Information Science 3, Computer Information System 2, Anthropology 1, Area Ethnic Studies 3, Ethnic studies 1, Pharmacology 7, Microbiology 5, Genetics 2, Physiology 5. Psychology 2. Economics and Quantitative Studies 2, Registered Nursing 1

1~10: 31
11~20: 1

Top-ranked: 9

Total: 32