

May 2021 Undergraduate Future Plans Survey

College of Sciences

Summary Report

This report presents summary results from the May 2021 Undergraduate Future Plans Survey for departments in the College of Sciences, followed by summary information on employment and further education for the college as a whole.

Highlights for the College of Sciences

- 49% of seniors in COS graduating in spring 2021 responded to the survey
- 27% of respondents in COS said they had obtained a full-time position by graduation
- COS graduates with full-time employment (excluding internships) reported an average starting salary of \$43,977 (median = \$41,250)
- 63% of COS graduates with full-time employment said they would be working in North Carolina (55% in the Research Triangle Area)
- 50% of respondents in COS indicated they were planning to go to graduate/professional school in the year after graduation
- 66% of COS graduates with definite plans for graduate/professional school said they would be attending a school in North Carolina

Department Summaries

The following table provides summary statistics for May 2021 graduates in each of the College of Sciences departments. It includes the number of students in the department who graduated in May 2021 and the number of those students who submitted the Undergraduate Future Plans Survey. It also includes the number of students who indicated that at the time of the survey they had already accepted a full-time position (including military and volunteer work [e.g., Peace Corps]), and the number who indicated they were either attending or planning on attending graduate or professional school in the coming year. Finally, it includes summary statistics on the self-reported salaries of those who have accepted full-time employment.

Table 1: Department Summaries

Department	Survey Population	Survey Respondents	Response Rate	N Full Time Job	N Grad/Prof School*	25th Percentile Salary	Median Salary	75th Percentile Salary	Average Salary	N Reporting Salary
Biological Sciences	353	157	44.5%	45	77	30,000	38,750	46,250	38,264	36
Chemistry	28	12	42.9%	1	9	**	**	**	**	1
Marine, Earth and Atmospheric Sciences	23	14	60.9%	6	6	23,750	41,250	61,250	42,500	4
Mathematics	47	33	70.2%	9	14	43,750	58,750	76,250	58,750	7
Physics	20	12	60.0%	3	6	**	**	**	**	3
Statistics	45	23	51.1%	5	14	66,250	67,500	75,000	70,625	4
COS Overall	516	251	48.6%	69	126	31,250	41,250	56,250	43,977	55

*Includes all students planning on going to graduate/professional school in the coming year, including those who have been accepted to graduate/professional school and know where they will be going as well as those who have been accepted to at least one school but have not yet finalized their plans, those who have applied but have not yet been accepted, and those who have not yet applied but plan to do so.

**Statistics on salary information for those departments with fewer than 4 respondents reporting their salary have been excluded from the table.

Full-Time Employment (college overall)

Table 2: Name of Company/Organization

	N
AmeriCorps - Match Corps	1
Animal Emergency Hospital and Urgent Care	1
Aquity Solutions	1
Armadale Animal Hospital	1
Atlantic Casualty Insurance Company	1
Atlantic Reproductive Medicine Specialists	1
Beth Israel Deaconess Medical Center	1
CARE Plastic Surgery	1
CarMax	1
Cloudbeds	1
Cook Medical	1
Covance	2
Credit Suisse	1
Crescent Family Practice	1
DC Energy	1
Dauntless Discovery	1
Deloitte	1
Dogtopia	1
Duke University Human Vaccine Institute	1
Early Alert	1
FIS	1
Freedom Boat Club	1
Fulcrum Environmental Consulting	1
HANDS Center for Autism	1
Hampton Dermatology	1

Table 2: Name of Company/Organization, *continued*

	N
Hudson Law Group	1
IBM	1
ICON	1
IQVIA	2
Iowa Department of Natural Resources	1
KLKN-TV	1
Knightdale High School	1
Kymanox	1
LabCorp	2
MAKO Medical	1
Marathon TS	1
Merck	1
NC State University	2
New England Wildlife Center	1
North American Language and Culture Assistants Program	1
PPD	1
Pfizer	1
Raleigh Skin Surgery Center	1
Results Physiotherapy	1
SS&C Eze	1
Southpoint Pediatric Dentistry	1
Target Corporation	1
The Eye Institute	1
The Wistar Institute	1
UNC School of Medicine	1
United States Air Force	2
United States Army	1

Table 2: Name of Company/Organization, *continued*

	N
United States Environmental Protection Agency (EPA)	1
United States Marine Corps	1
United States Navy	2
University of Florida Health	1
University of Virginia Medical Center	1
Zocdoc	1
ZooTampa at Lowry Park	1

Table 3: Location of Company (state)

	N	%
North Carolina	40	63.5
Virginia	3	4.8
Massachusetts	2	3.2
New York	2	3.2
Florida	2	3.2
Texas	1	1.6
Colorado	1	1.6
Georgia	1	1.6
Washington	1	1.6
Iowa	1	1.6
Nebraska	1	1.6
Pennsylvania	1	1.6
Arizona	1	1.6
California	1	1.6
Not applicable - Working remotely	2	3.2
Not applicable - Other	1	1.6
Not sure	2	3.2

Table 4: Region of Company (inside/outside NC Triangle)

	N	%
Triangle	33	55.0
Outside NC	20	33.3
Other NC	7	11.7

Table 5: Job Title*

	N
Andrologist	2
Animal Care Technician	1
Associate Programming Analyst	1
Behavior Technician	1
Business Analyst	1
Business Analyst 1	1
Cell Line Laboratory Support	1
Chemistry Patent Classifier	1
Clinical Laboratory Scientist 2	1
Clinical Trial Assistant	1
Commission Officer	1
Cytogenetic technologist trainee	1
Data Engineer	1
Data Services Programmer	1
Dock Master	1
Dog Daycare attendant	1
Environmental monitoring analyst	1
Flow Cytometry Technologist Trainee	1
Front Desk Medical Associate and Operating Room Assistant	1
Genetic Counseling Assistant	1
Industrial Health Consultant	1

Table 5: Job Title*, *continued*

	N
Intern	1
Laboratory Associate	1
Language and Cultural Assistant	1
Legal Writing Specialist	1
Marine Aviator	1
Medical Assistant	2
Medical Scribe	1
Meteorologist	1
Molecular Scientist	1
Operation Manager Intern	1
Operations Technician	1
Optometric Technician	1
Ordnance Officer	1
Paid Intern / Dental Assistant	1
Physical Therapy Technician	1
Primate Department Intern	1
Product Management Intern	1
Project Coordinator 1	1
Project coordinator	1
Quality Data Analyst	1
Quality assurance associate	1
Research Assistant	1
Research Technician	2
Research Technician II	1
Sales Analyst	1
Sales Development Representative	2
Seasonal Fisheries Technician	1

Table 5: Job Title*, *continued*

	N
Software Developer	1
Statistical Programmer	1
Statistical Programmer I	1
Strategy Analyst	1
Surface Warfare Officer	2
Surgical Assistant	1
Teacher	1
Technical Analyst	1
UNC Maternal-Fetal Medicine Research Assistant	1
Veterinary Assistant	1
Weather and Environmental Sciences Officer	1
Weekend Meteorologist	1

*Responses are provided exactly as written by respondents.

Table 6: Resources Used to Help Get/Locate Job*

	N	%
LinkedIn	23	33.3
Family/friends/classmates/co-workers	18	26.1
Internship/externship	12	17.4
Internet: Other	10	14.5
Personal connection(s) within the company	9	13.0
Campus or college career center	7	10.1
Career fair at NC State	7	10.1
Applied for job via ePack	6	8.7
Consultation with NC State Career Counselor/Coach	5	7.2
Volunteer work	4	5.8
Faculty member or found job listing in an NC State dept	3	4.3
Professional society	3	4.3
Staffing agency	2	2.9
Employer found resume on ePack	1	1.4
On-campus interviewing	1	1.4
Career fair off campus	1	1.4
Employer info session on campus	1	1.4
Co-op experience	1	1.4
Student teaching experience	1	1.4
Other	6	8.7

*Respondents could select more than one resource.

Further Education (college overall)

Table 7: Status for Graduate/Professional School Attendance (among those planning to attend)

	N	%
Have been accepted and know where I'm going	97	78.9
Have been accepted but undecided	4	3.3
Have applied, but not yet been accepted	4	3.3
Have not applied but plan to do so within the next year	18	14.6

Information provided in the tables below is collected and reported only for respondents who indicated that at the time of the survey they had been accepted to graduate/professional school and knew where they would be going.

Table 8: Name of Graduate/Professional School Students will be Attending

	N
Augusta University	1
Boston University	1
California Institute of Technology	1
Columbia University	1
Cornell University	1
Duke University	9
ECPI university	1
East Carolina University	1
East Carolina University - Brody School of Medicine	2
Harvard University	1
Johns Hopkins University	1
Lake Erie College of Osteopathic Medicine	1
Leiden University	1
Liberty University College of Osteopathic Medicine	1
Lincoln Memorial University	1
Meredith College	1
Methodist University	1

Table 8: Name of Graduate/Professional School Students will be Attending, *continued*

	N
NC State University	32
National University of Health Sciences	1
Rutgers University	1
The Ohio State University	1
The Pennsylvania State University	2
The University of Texas at Austin	1
Thomas Jefferson University	1
Tufts University School of Dental Medicine	1
University of Alabama School of Optometry	1
University of Cambridge	1
University of Central Florida	1
University of Georgia	1
University of Minnesota - Twin Cities	1
University of North Carolina - Chapel Hill	9
University of North Carolina - Chapel Hill Gillings School of Global Public Health	1
University of North Carolina - Greensboro	1
University of North Carolina - Wilmington	2
University of Oxford	1
University of South Carolina	1
University of South Florida	1
University of Tennessee	1
University of Virginia	1
University of Washington	2
University of Wisconsin-Madison	1
Wake Forest School of Medicine	1
Wake Forest University	1
Western Carolina University	1

Table 9: Location of Graduate/Professional School Students will be Attending

	N	%
North Carolina	63	66.3
Pennsylvania	4	4.2
Massachusetts	3	3.2
Outside United States	3	3.2
Florida	3	3.2
Georgia	2	2.1
New York	2	2.1
Virginia	2	2.1
Tennessee	2	2.1
Washington	2	2.1
California	1	1.1
Maryland	1	1.1
New Jersey	1	1.1
Ohio	1	1.1
Texas	1	1.1
Alabama	1	1.1
Minnesota	1	1.1
South Carolina	1	1.1
Wisconsin	1	1.1

Table 10: Type of Degree Pursuing*

	N	%
Master's	62	63.9
Doctoral	18	18.6
Professional	15	15.5
Other	2	2.1

*Respondents could select more than one degree.

Table 11: Master's Degree

	N
MA	1
MAC	2
MAEd	3
ME	2
MHS	2
MMB	3
MPH	8
MR	6
MS	34

Table 12: Doctoral Degree

	N
PhD	17

Table 13: Professional Degree

	N
DDS	1
DO	3
DPT	2
DVM	1
MD	3
OD	1
PharmD	3

Table 14: Other Degree

	N
DC (Doctor of Chiropractor)	1
Medical Assistant Program	1
Post Bachelor Certificate Program in GIS	1
Registered Dietician	1

Table 15: Academic Program*

	N
Accounting	1
Analytics	3
Applied Mathematics	2
Biochemistry, Molecular and Microbial Biology	1
Bioinformatics	1
Biomedical Engineering	2
Biostatistics	1
Chemistry	4
Chemistry PhD Program	1
Chiropractic Medicine	1
Clinical Research	1
Coastal Environmental Management	1
College of Osteopathic Medicine	1
College of Veterinary Medicine	1
Comparative Blomedical Sciences at the CVM	1
Computational Science, Engineering, and Mathematics	1
Computer Science	1
DMD	1
Data Science	1
Data analytics	1

Table 15: Academic Program*, *continued*

	N
Doctor of Medicine	1
Doctor of Optometry program	1
Doctor of osteopathic medicine	1
Doctorate of Physical Therapy	1
Education Policy Analysis	1
Environmental Health Solutions	1
Environmental Science and Engineering	1
Evolutionary Anthropology	1
Financial Engineering	1
Financial Math	1
Financial Mathematics	1
Geology	1
M. Ed Applied Behavior Analysis	1
M. Ed secondary education	1
M.Ed. Higher Education Administration	1
M.S Biological and Agricultural Engineering - Systems Analysis	1
M.S. in Analytics at the Institute for Advanced Analytics	1
M.S. in Statistics	1
MD	1
MMB	1
MS Biology	1
MSc in Statistical Science	1
Machine Learning	1
Master of Public Health	1
Master of Public Health/ Registered Dietitian Concentration	1
Master of Science in Analytics	1
Master of Science in Genetic Counseling	1

Table 15: Academic Program*, continued

	N
Master's in Public Health	1
Masters in Earth and Space Science: Applied Geosciences	1
Masters in Genetic Counseling	1
Masters of Accounting Program	1
Masters of Analytics	1
Masters of Microbial Biotechnology	2
Masters of Physiology (MR)	1
Masters of Physiology Program	1
Masters of Public Health	1
Masters of Science in Analytics	1
Masters of physiology	1
Mathematics	2
Medical Assistant	1
Medical School	1
Microbiology	1
Nutrition	1
Occupational therapy doctorate	1
Pathologists' Assistant program	1
Pathologist's Assistant	1
PhD in Biochemistry and Molecular Biology	1
PhD in Biomedical Sciences	1
PharmD (Doctor of Pharmacy)	1
Pharmacy	1
Pharmacy School	1
Phd in Genetics	1
Physician Assistant Program	1
Physics	2

Table 15: Academic Program*, *continued*

	N
Physiology	1
Post Bachelor Certificate Program in GIS	1
Public Health	2
School Psychology	1
Science	1
Statistics	4
bme	1

*Responses are provided exactly as written by respondents.

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