

Dec 2019 Undergraduate Future Plans Survey College of Sciences Summary Report

This report presents summary results from the Dec 2019 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 fall 2019 responded to the survey
- 31% 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 \$46,080 (median = \$42,500)
- 75% of COS graduates with full-time employment said they would be working in North Carolina (56% in the Research Triangle Area)
- 36% of respondents in COS indicated they were planning to go to graduate/professional school in the year after graduation
- 100% 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 Dec 2019 graduates in each of the College of Sciences departments. It includes the number of students in the department who graduated in Dec 2019 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 having 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	100	48	48.0%	16	19	18,750	26,250	46,250	34,904	13
Chemistry	12	6	50.0%	2	2	**	**	**	**	2
Marine, Earth and Atmospheric Sciences	9	5	55.6%	1	3	**	**	**	**	1
Mathematics	20	8	40.0%	4	.	60,000	71,250	90,625	75,313	4
Physics	11	6	54.5%	.	3	**	**	**	**	.
Statistics	13	7	53.8%	2	2	**	**	**	**	2
COS Overall	165	80	48.5%	25	29	26,250	42,500	63,750	46,080	22

*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
A Country Veterinary Clinic	1
Advance Auto Parts	1
American Conservation Experience	1
Aruza Marketing	1
Banfield Pet Hospital	1
Blaize, Inc.	1
Burleson Research Technologies Inc.	1
Credit Suisse	1
Hoke County EMS	1
Hormone Wellness MD	1
NC State University	1
North Carolina Museum of Natural Sciences	2
Nutrien	1
Personal Care, Inc.	1
SAS Institute	1
Static Control Components, Inc.	1
The Center for Strategic and International Studies	1
UNC Hospitals	1
United States Air Force	2
United States Army	3
Wake County Government	1

Table 3: Location of Company (state)

	N	%
North Carolina	18	75.0
Not applicable - Multiple states	2	8.3
Texas	2	8.3
District of Columbia	1	4.2
Oklahoma	1	4.2

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

	N	%
Triangle	14	56.0
Outside NC	7	28.0
Other NC	4	16.0

Table 5: Job Title

	N
ACE Conservation Corps Crew Member	1
Assistant Curator	1
Associate Technical Consultant	1
Caregiver	1
Curator	1
Data Analyst	1
Force Support Officer	1
IT Project Manager	1
Machine Learning Engineer	1
Medical Scribe	1
Office Assistant	1
Ordnance Officer	1
Paramedic	1
R&D Chemist	1
Research Assistant	1
Research Intern	1
Research Technician	1
Second Lieutenant	2
Supply Chain Analyst	1
Team Leader	1
Veterinarian Assistant	1
Veterinarian Assistant/Pharmacy Technician	1
Weather Officer	1

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

	N	%
Internship/externship	7	28.0
Family/friends/classmates/co-workers	7	28.0
Personal connection(s) within the company	6	24.0
Volunteer work	5	20.0
Career fair at NC State	4	16.0
Campus or college career center	3	12.0
LinkedIn	3	12.0
Internet: Other	3	12.0
Applied for job via ePack	2	8.0
Consultation with NC State Career Counselor/Coach	1	4.0
Career fair off campus	1	4.0
Professional society	1	4.0
Other	2	8.0

*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	6	20.7
Have been accepted but undecided	4	13.8
Have applied, but not yet been accepted	6	20.7
Have not applied but plan to do so within the next year	13	44.8

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
East Carolina University	1
Elon University	1
NC State University	2
University of North Carolina - Chapel Hill	2

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

	N	%
North Carolina	6	100.0

Table 10: Type of Degree Pursuing*

	N	%
Master's	3	50.0
Professional	1	16.7
Other	2	33.3

*Respondents could select more than one degree.

Table 11: Master's Degree

	N
MBA	1
MS	2

Table 12: Doctoral Degree

Table 13: Professional Degree

	N
PharmD	1

Table 14: Other Degree

	N
BSN	1
Graduate Certificate in Geospatial Information Science and Technology	1

Table 15: Academic Program*

	N
Geography	1
Geospatial Information Science and Technology	1
MBA	1
Nursing	1
PharmD Program	1
Physiology	1

*Academic program has not been cleaned. Responses are verbatim.

For more information on the Undergraduate Future Plans Survey contact:

Hannah McQueen, Assistant Director for Survey Research

Office of Institutional Research and Planning

NCSU Box 7002

Phone: (919) 515-6438

Email: hmmcquee@ncsu.edu