From Fact Book to Dashboard at the University of North Carolina at Greensboro

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University of North Carolina at Greensboro Office of Institutional Research (UNCG-IR)

Why did we transform the Fact Book to the Dashboard?

- Chancellor and provost
- State and national trends
- Calls for increased transparency and accountability
- Calls to demonstrate productivity, efficiency, and impact
- Increases in requests from internal and external constituents for more data
- Desire to streamline and automate office operations

UNCG

UNCG Annual Fact Book for Faculty Data

HOME | UNIVERSITY METRICS▾ | FACTBOOK▾ | REPORTS▾

Fact Book 2015-16

Click on the menu headings below to see available reports.
Open all levels of the menu by clicking here.
Close all levels of the menu by clicking here.

Pages will be made available as they are produced.

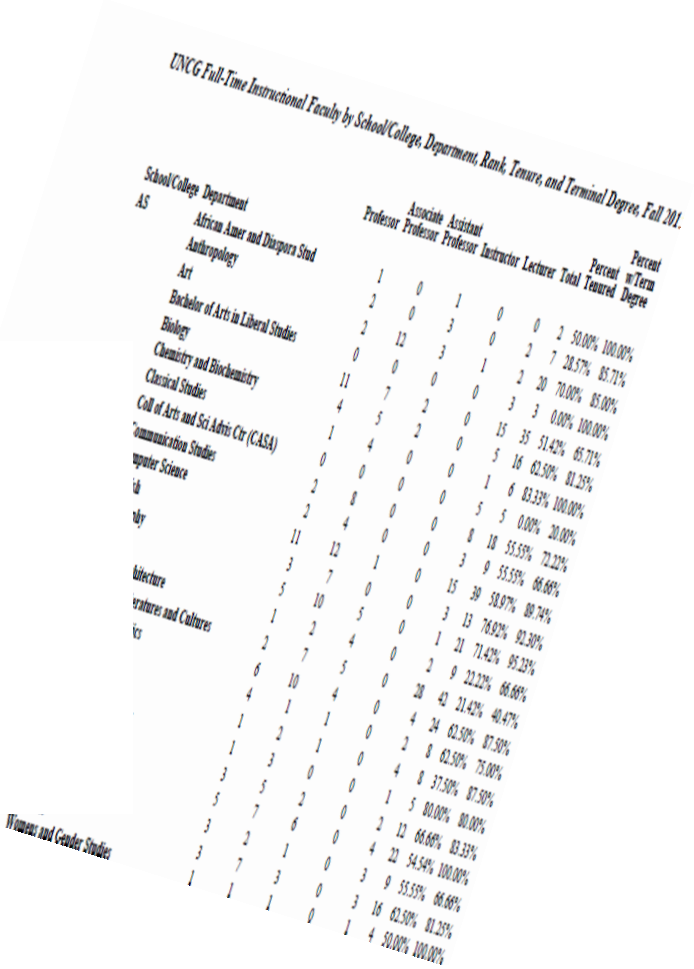
- UNCG Single Page Institutional Profiles
- History
- Faculty Tables
  - by Full-Time & Part-Time
  - Full-Time by Tenure
  - Full-Time by Rank, Tenure, & Terminal De
  - Full-Time by Years of Service
  - Full-Time by Age
  - Full-Time by Ethnicity
  - Full-Time by Rank, Gender, & Ethnicity
- EPA/SPA Staff Tables
- Degrees Awarded

UNCG Instructional Faculty by School/College, Department, and Full-Time/Part-Time Status, Fall 201.

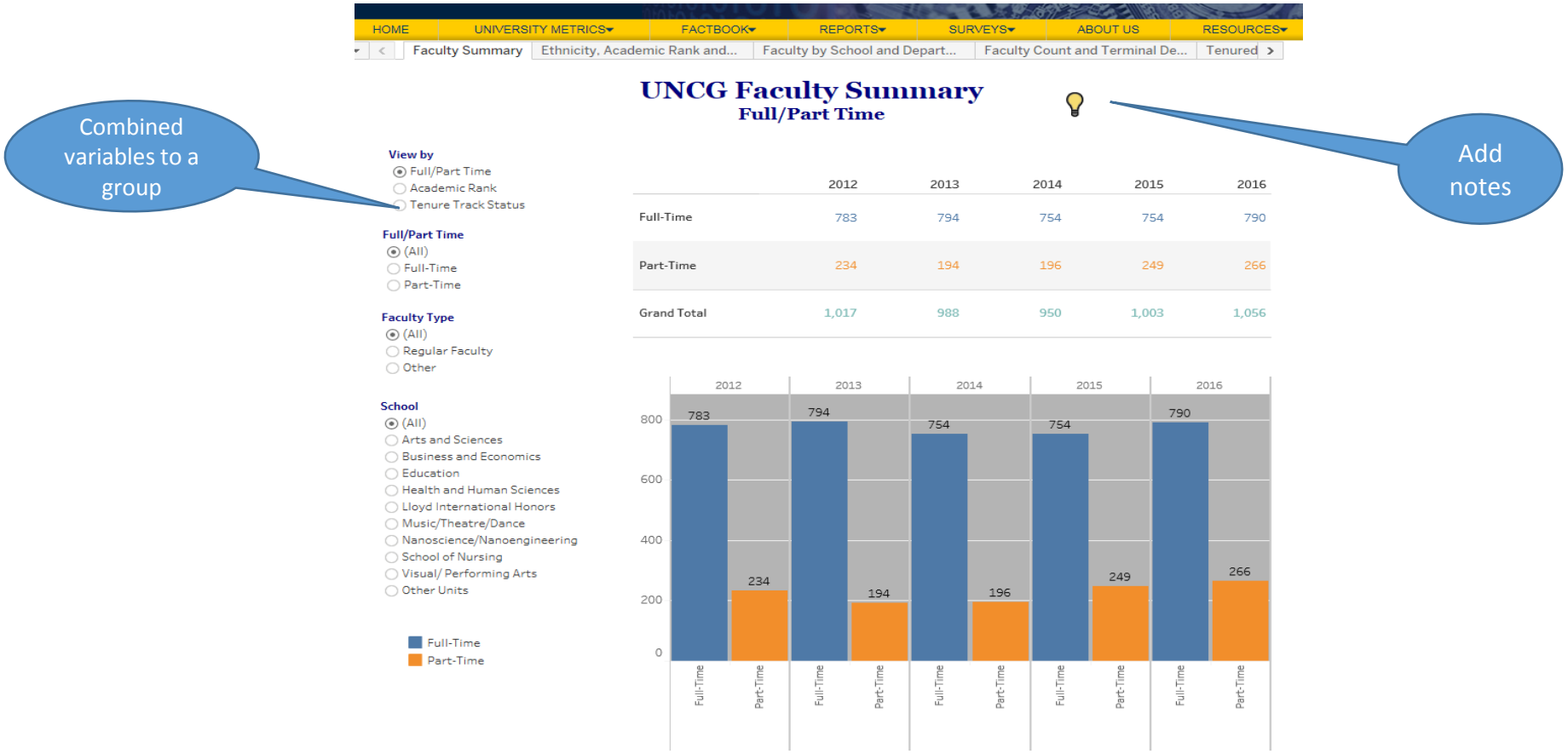
School/College	Department	Full-Time	Part-Time	Total
AS	African Amer and Diaspora Stud	2	3	5
	Anthropology	7	2	9
	Art	20	8	28
	Bachelor of Arts in Liberal Studies	3	6	9
	Biology	35	1	36
	Chemistry and Biochemistry	16	6	22
	Classical Studies	6	2	8
	Coll of Arts and Sci Advis Ctr (CASA)	5	-	5
	Communication Studies	18	12	30
	Computer Science	9	-	9
	English	39	9	48
	Geography	13	2	15

UNCG Full-Time Instructional Faculty by School/College and Age, Fall 2015

	Age						
School/College	22-29	30-39	40-49	50-59	60-64	65+	Total
College of Arts and Sciences	10	87	105	74	37	40	353
School of Business and Economics	3	17	22	17	8	7	74
School of Education	-	20	16	19	8	6	69
School of Health and Human Sciences	1	22	31	29	26	14	123
School of Music/Theatre/Dance	2	7	26	20	12	4	71
Joint School of Nanosci/Nanoeng	-	-	2	1	2	-	5
School of Nursing	-	4	11	14	7	7	43
Other Units	-	-	-	-	1	-	1
Total	16	157	213	174	101	78	739
%	2.16%	21.24%	28.82%	23.54%	13.66%	10.55%	100.00%



UNCG Fact Book Dashboard for Faculty



Annual Fact Book for Credit hours

Fact Book 2015-16

Click on the menu headings below to see available reports.
Open all levels of the menu by clicking here.
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- UNCG Single Page Institutional Profiles
- History
- Faculty Tables
- EPA/SPA Staff Tables
- Degrees Awarded
- Fall Undergraduate Headcount & FTE
- Fall Graduate Headcount & FTE
- Fall Combined Headcount & FTE
- Spring Undergraduate Headcount & FTE
- Spring Graduate Headcount & FTE
- Credit Hours
  - by Level of Instruction & Dept, Fall
  - by Level of Instruction & Dept, Spring
  - by Level of Instruction, w/ Distance, & Dept, Fall
  - by Level of Instruction, w/ Distance, & Dept, Spring
  - by Level of Instruction, Extension, & Dept, Academic Year

Fact Book Archiv

- 2016-17
- 2015-16
- 2014-15
- 2013-14
- 2012-13
- 2011-12
- 2010-11
- 2009-10
- 2008-09
- 2007-08
- 2006-07
- 2005-06
- 2004-05

UNCG Fundable Credit Hours by Course School, Course Department, Course Subject, and Course Level, Combined Regular Term and Distance Fall 2015

School	Department	Subject	Lower Division Undergraduate	Upper Division Undergraduate	Total Master's	Doctoral Degree--Research Scholarship	Total
AS	African Amer and Diaspora Stud	African American Studies	1,587	358	60	.	2,005
Department Total			*1,587*	*358*	*60*	.	*2,005*
	Anthropology	Anthropology	3,003	1,011	105	.	4,119
Department Total			*3,003*	*1,011*	*105*	.	*4,119*
	Art	Art	2,994	1,343	176	.	4,513
		Art Education	.	89	.	.	89
		Art History	1,419	258	42	.	1,719
Department Total			*4,413*	*1,690*	*218*	.	*6,321*
	BLS Program	Liberal Studies	.	1,545	.	.	1,545
Department Total			.	*1,545*	.	.	*1,545*
	Biology	Biology	9,520	3,245	479	134	13,378
Department Total			*9,520*	*3,245*	*479*	*134*	*13,378*
	Chemistry & Biochemistry	Chemistry	5,386	2,657	439	86	8,568
Department Total			*5,386*	*2,657*	*439*	*86*	*8,568*
	Classical Studies	Classical Civilization	2,946	258	3	.	3,207
		Greek	81	3	3	.	87
		Latin	325	39	.	.	364
Department Total			*3,352*	*300*	*6*	.	*3,658*
	Communication Studies	Communication Studies	4,986	2,025	192	.	7,203
Department Total			*4,986*	*2,025*	*192*	.	*7,203*
	Computer Science	Computer Science	954	543	779	.	2,276
Department Total			*954*	*543*	*779*	.	*2,276*
	Deans Office - Coll of A and S	Integrated Science	57	.	.	.	57
Department Total			*57*	.	.	.	*57*
	English	English	9,039	2,103	317	473	11,931
Department Total			*9,039*	*2,103*	*317*	*473*	*11,931*
	Geography	Geography	2,759	430	243	93	3,525

Enrollment as Reported to UNC General Administration on Census Date Corresponding to Term

9/2016

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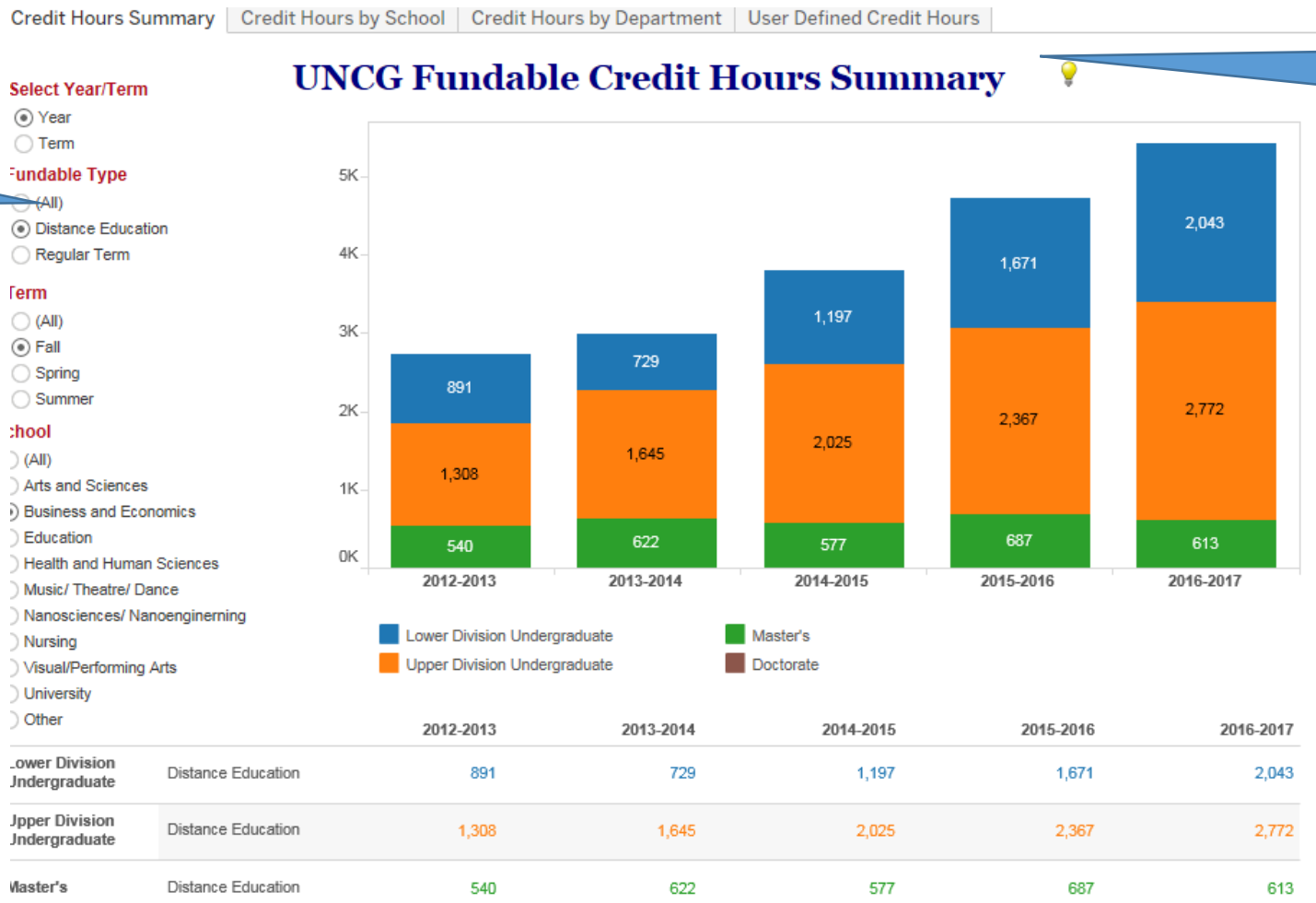
Fact Book Dashboard for Credit Hours

Using filter

Tabs for different reports



		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Lower Division Undergraduate	Distance Education	891	729	1,197	1,671	2,043
Upper Division Undergraduate	Distance Education	1,308	1,645	2,025	2,367	2,772
Master's	Distance Education	540	622	577	687	613

UNCG Annual Fact Book for Enrollment

- Faculty Tables
- EPA/SPA Staff Tables
- Degrees Awarded
- Fall Undergraduate Headcount & FTE
  - by 5 Year Trend & AOS Code
  - by Full-Time/Part-Time, FTE, & AOS Code
  - by Class & AOS Code
  - by Gender & AOS Code
  - by Ethnicity & AOS Code
  - by Admission Status & AOS Code
  - by 1st & 2nd Major, Class, & School
- Fall Graduate Headcount & FTE
  - by 5 Year Trend & AOS Code
  - by Full-Time/Part-Time, FTE, & AOS
  - by Gender & AOS Code
  - by Ethnicity & AOS Code
  - by Admission Status & AOS Code
- Fall Combined Headcount & FTE
  - by 5 Year Trend & AOS Code
- Spring Undergraduate Headcount
  - by Full-Time/Part-Time, FTE, &
  - by Class & AOS Code
  - by Gender & AOS Code
  - by Ethnicity & AOS Code
  - by Admission Status & AOS
- Spring Graduate Headcount
  - by Full-Time/Part-Time, FT
  - by Gender & AOS Code
  - by Ethnicity & AOS Code
  - by Admission Status & A

UNCG 5 Year Trend of Undergraduate Enrollment by School, Department, Major, and AOS Code, Fall 2011 to Fall 2015

School	Dept	Degree	AOS	Major	Description	2011	2012	2013	2014	2015
AS	AAD	BA	U803	AADS	African American Studies	27	22	19	14	20
AS	AAD	BA	U865	AADS	Afr Am Stdies: Cultural Arts	0	1	2	3	2
Department Total						*27*	*23*	*21*	*17*	*22*
AS	ANT	BA	U101	ANTH	Anthropology	112	110	92	90	83
AS	ANT	BA	U102	ANTH	Anthropology(SocStudies HSTch)	4	3		2	2
...tment Total						*116*			*92*	*85*
	ART	BA	U104	ART	Art Hist/Museum Stds				4	1
		BA	U105	ART	Studio Art				205	204
			U110	ART	Art History (BA)				16	14
			U107	ART	Art Ed I gen (K-12 Tch BFA)				0	0
				ART	Art Education (K-12 Tch ...				7	40
					Art Ed II studio(K ...					0
					...gn (BFA ...					23
										49
										23
										22
										19
										15
										1
									409	*411*

UNCG Graduate Enrollment by School, Department, Degree, Area of Study Code, Major, and Ethnicity, Fall 2015

Degree	AOS	Major	Description	American Indian or Alaskan Native	Asian	Black or African American	Hispanics of any race	Native Hawaiian or Other Pacific Islander	Non-Resident Alien	Two or more races	Unknown	White	Total
CERT	G827	AFST	PBCert:AfricanAmerican Studies	0	0	1	0	0	0	0	0	0	1
				0	*0*	*1*	*0*	*0*	*0*	*0*	*0*	*0*	*1*
MFA	G105	SART	Studio Arts(MFA Only)	0	0	2	1	0	2	1	1	8	15
				0	*0*	*2*	*1*	*0*	*2*	*1*	*1*	*8*	*15*
MS	G108	BIOL	Biology(MS Only)	0	1	0	1	0	2	0	1	17	21
PHD	G165	EHSC	Environmental Health Sci (PhD)	0	1	1	1	0	5	0	4	9	21
				0	*2*	*1*	*2*	*0*	*7*	*0*	*5*	*26*	*42*
MS	G111	CHEM	Chemistry(MS Only)	0	0	1	0	0	1	0	0	3	4
MS	G173	BCHE	Biochemistry, MS	0	1	0	0	0	1	0	1	8	13
PHD	G846	MEDB	Medicinal Biochemistry	0	0	1	0	0	6	0	2	8	19
				0	*1*	*2*	*0*	*0*	*8*	*0*	*3*	*19*	*36*
MED	G826	OLAT	Latin (M Lic-MED)	0	0	0	0	0	0	0	0	6	6
				0	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6*	*6*
MS	G167	CMPS	Computer Science	0	0	0	0	0	0	0	0	9	9
				0	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*9*	*9*
MA	G824	CMST	Communication Studies (MA)	0	5	0	0	0	23	0	0	9	37
				0	*5*	*0*	*0*	*0*	*23*	*0*	*0*	*9*	*37*
MA	G144	ENGL	English(MA Only)	0	0	5	1	0	0	0	0	12	18
MAPHD	G150	ENGL	English (MA/PHD)	0	0	5	1	0	0	0	0	12	18
				0	*0*	*10*	*2*	*0*	*0*	*0*	*0*	*24*	*36*
MFA	G154	CWTG	Creative Writing	0	1	0	0	0	1	0	1	14	18
PHD	G152	ENGL	English(PHD)	0	0	1	0	0	0	0	1	18	20
				0	*1*	*1*	*0*	*0*	*1*	*0*	*2*	*32*	*38*
				0	1	2	0	0	5	0	3	23	26
				0	*2*	*4*	*0*	*0*	*5*	*0*	*5*	*48*	*56*
				0	2	2	0	0	5	0	3	86	102

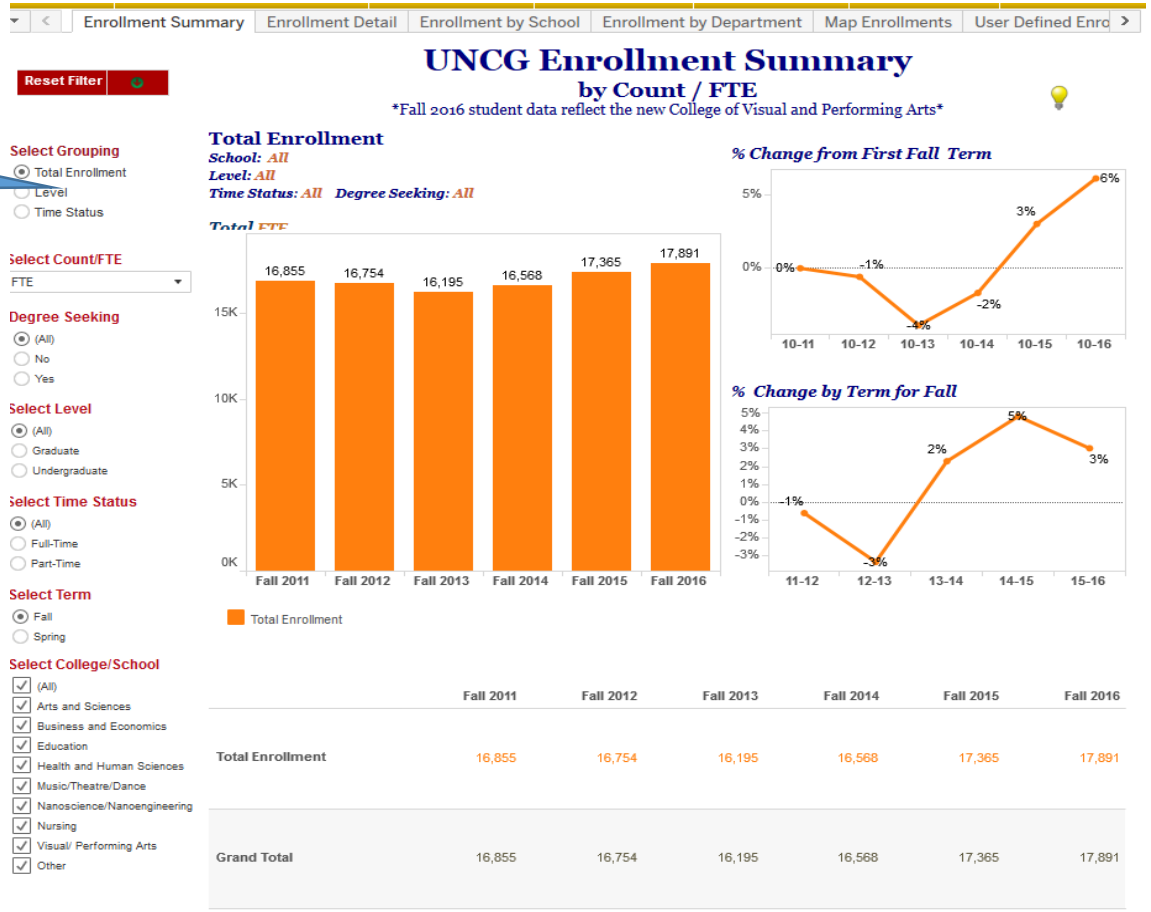
...by School, Department, Degree, Area of Study Code, Major, and Gender, Fall 2015

...OS	Major	Description	Female	Male	T...
G827	AFST	PBCert:AfricanAmericanStudies	1	0	
			1	*0*	
G105	SART	Studio Arts(MFA Only)	12	3	
			12	*3*	
G108	BIOL	Biology(MS Only)	11	10	
G165	EHSC	Environmental Health Sci (PhD)	14	7	
			25	*17*	
G111	CHEM	Chemistry(MS Only)	1		
G173	BCHE	Biochemistry, MS	6		
G846	MEDB	Medicinal Biochemistry	6		
			13		
			3		
			7		
			13		
			23		
MS					
MS					
PHD					

Current Fact Book Dashboard

Using filter

Tabs for different reports



An interactive tool to run data queries:

The department chair of Biology wanted to know how many Black, Male, Part-time Undergraduate students the department had in Fall 2016?

The provost wanted to know how many female full-time assistant professors were teaching classes in Fall 2015 in College of Arts and Sciences?

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Bumps that we ran over and you should be aware of in constructing your dashboard:

- Combine each years file to make five year file
- Collect ad hoc requests from all university
- Design the web page to make it look attractive
- Using Tableau to make the dashboard
- Check the data for accuracy and format for consistencey

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Collect and format data

- Clean data (each year the data set column name and data format are different)
- Combined 5 years files
- Select the variables that we need.

Design the dashboards

- Collect requests from all over the university
- Design each report layout
- Decide on the filters
- Make a note to describe the data source and explain special cases.

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Check data correction

- Check the data in the dashboard against other IR reports to make sure all are in line.

Future Plane

- Student profile dashboard
- Retention and graduation rates dashboard
- Employee dashboard
- …

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