

How and when to best implement blockchain into the accounting curriculum

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Background

- What is blockchain?
- Why is blockchain important to accounting?
- Should we integrate it into the accounting curriculum?
- How do we integrate it into the accounting curriculum?

Blockchain explained



Survey Breakdown- 201 total responses



Students (167 responses)

	Never heard of it				Very familiar
How familiar are you with Blockchain?	46.71% 78	19.76% 33	20.96% 35	8.98% 15	3.59% 6
How familiar are you with Crypto-Currencies? (i.e. Bitcoin)	5.99% 10	22.16% 37	35.93% 60	22.75% 38	13.17% 22

How familiar are you with blockchain?

	Never heard of it				Very familiar
Business Professional	23.81% 5	19.05% 4	38.10% 8	9.52% 2	9.52% 2
Professor	15.38% 2	23.08% 3	46.15% 6	15.38% 2	

Professors (12 responses)

	Easy			Extremely Difficult	
How difficult would it be to add blockchain to your current accounting graduate curriculum?	8.33% 1	25.00% 3	33.33% 4	25.00% 3	8.33% 1
How difficult would it be to add blockchain to your current accounting undergraduate curriculum?	8.33% 1	16.67% 2	16.67% 2	33.33% 4	25.00% 3

Students (165 Responses)

	Not Important			Extremely Important	
How important is it for accounting professionals to understand blockchain?	6.67% 11	11.52% 19	43.03% 71	25.45% 42	13.33% 22

How Important do you feel blockchain is to the future of accounting?

	Not Important			Extremely Important		
Business Professional	9.52% 2	4.76% 1	42.86% 9	33.33% 7	9.52% 2	
Graduate student	5.26% 2	15.79% 6	26.32% 10	28.95% 11	23.68% 9	
Professor	8.33% 1	8.33% 1	8.33% 1	50.00% 6	25.00% 3	
Undergraduate student	3.15% 4	16.54% 21	33.07% 42	30.71% 39	16.54% 21	

Students: Would you like to know more about blockchain?

Would you like to learn about blockchain?

Yes
55.09%
92

Would you like to learn about blockchain?

Maybe
35.33%
59

Would you like to learn about blockchain?

No
9.58%
16

Graduate Student Responses (39 Responses)

	Yes	No	Depends on degree	Maybe
Do you think employers expect you to have a basic understanding of blockchain when you graduate?	33.33% 13	41.03% 16	25.64% 10	
Do you think having advanced knowledge of blockchain will give you an advantage in the workplace?	76.32% 29	23.68% 9		
Do you think having basic knowledge of blockchain will give you an advantage in the workplace?	64.10% 25	5.13% 2		30.77% 12

Undergraduate Responses (127 Responses)

	Yes	No	Depends on degree	Maybe
Do you think employers expect you to have a basic understanding of blockchain when you graduate?	22.05% 28	24.41% 31	53.54% 68	
Do you think having advanced knowledge of blockchain will give you an advantage in the workplace?	76.38% 97	23.62% 30		
Do you think having basic knowledge of blockchain will give you an advantage in the workplace?	58.27% 74	7.87% 10		33.86% 43

Business Professional Responses (21 Total)

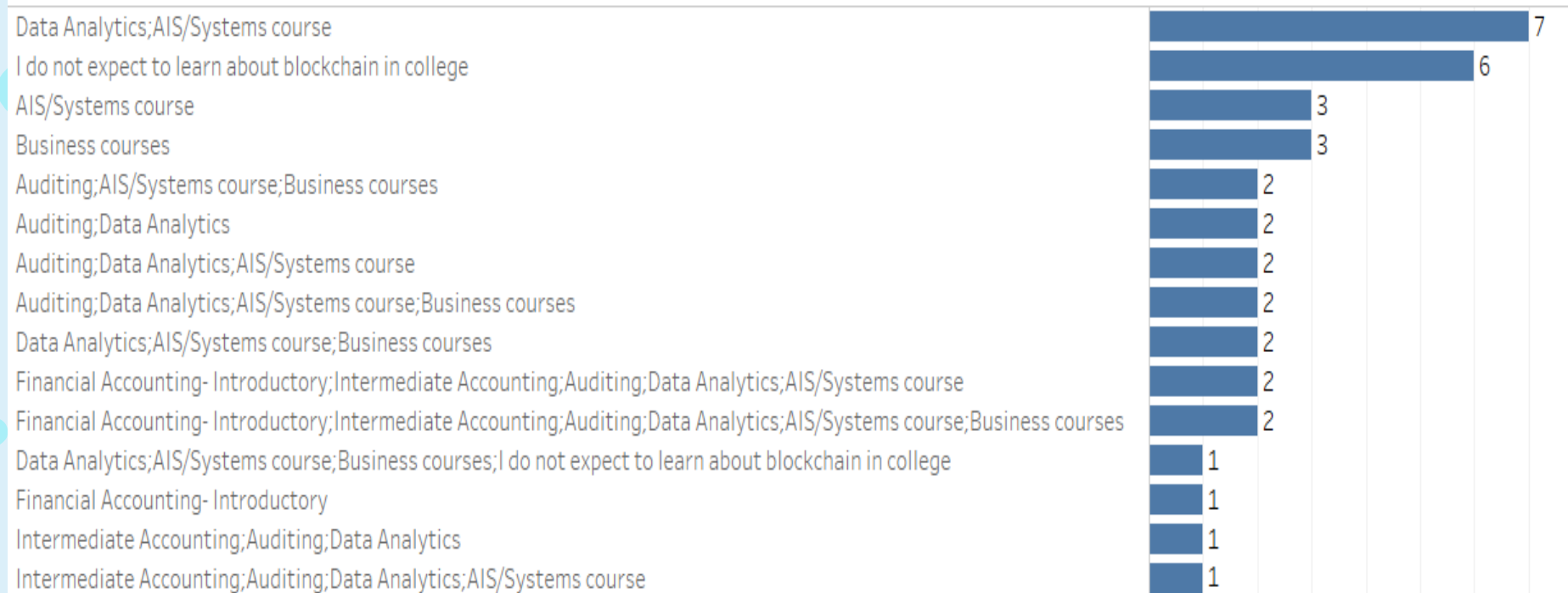
	Yes	No	Depends on the position
Do you expect that accounting students should be graduating with a basic knowledge of blockchain?	76.19% 16	23.81% 5	
Do you expect that accounting students should be graduating with an advanced knowledge of blockchain?	28.57% 6	71.43% 15	
Do you expect that business students should be graduating with a basic knowledge of blockchain?	85.71% 18	14.29% 3	
Would a student have an advantage obtaining or retaining a position at your institution if they had advanced knowledge of blockchain?	28.57% 6	28.57% 6	42.86% 9
Would a student have an advantage obtaining or retaining a position at your institution if they had basic knowledge of blockchain?	19.05% 4	28.57% 6	52.38% 11

Professors (13 Responses)

	Yes	No	Maybe
Do you expect that accounting students should be graduating with a basic knowledge of blockchain?	84.62% 11	15.38% 2	
Do you expect that accounting students should be graduating with an advanced knowledge of blockchain?	7.69% 1	92.31% 12	
Do you expect that business students should be graduating with a basic knowledge of blockchain?	84.62% 11	15.38% 2	
Do you think having advanced knowledge of blockchain will give students an advantage in the workplace?	38.46% 5		61.54% 8
Do you think having basic knowledge of blockchain will give students an advantage in the workplace?	46.15% 6		53.85% 7

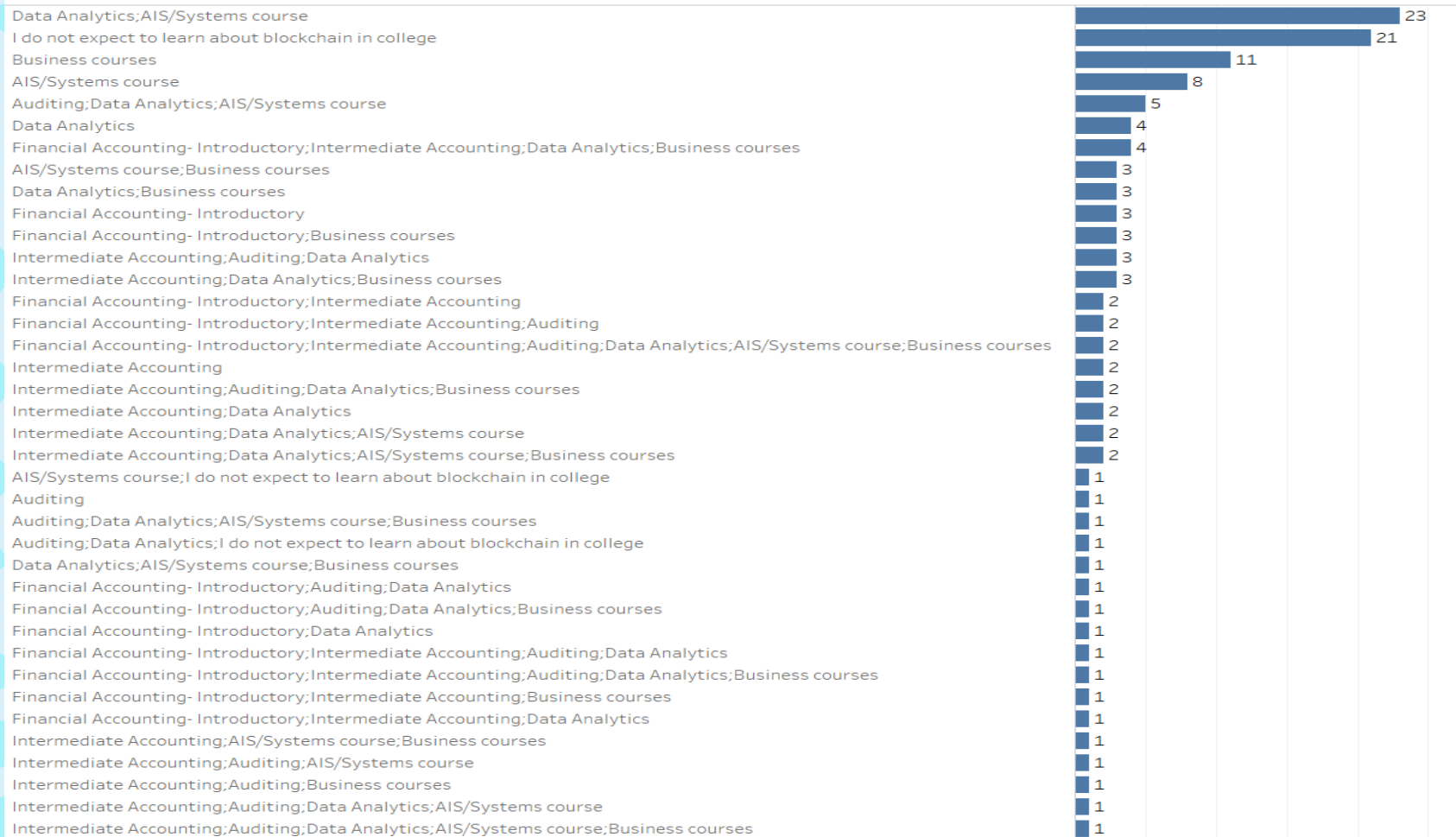
Graduate Students (39 responses)

In what courses do you expect blockchain to be taught? Check all that apply



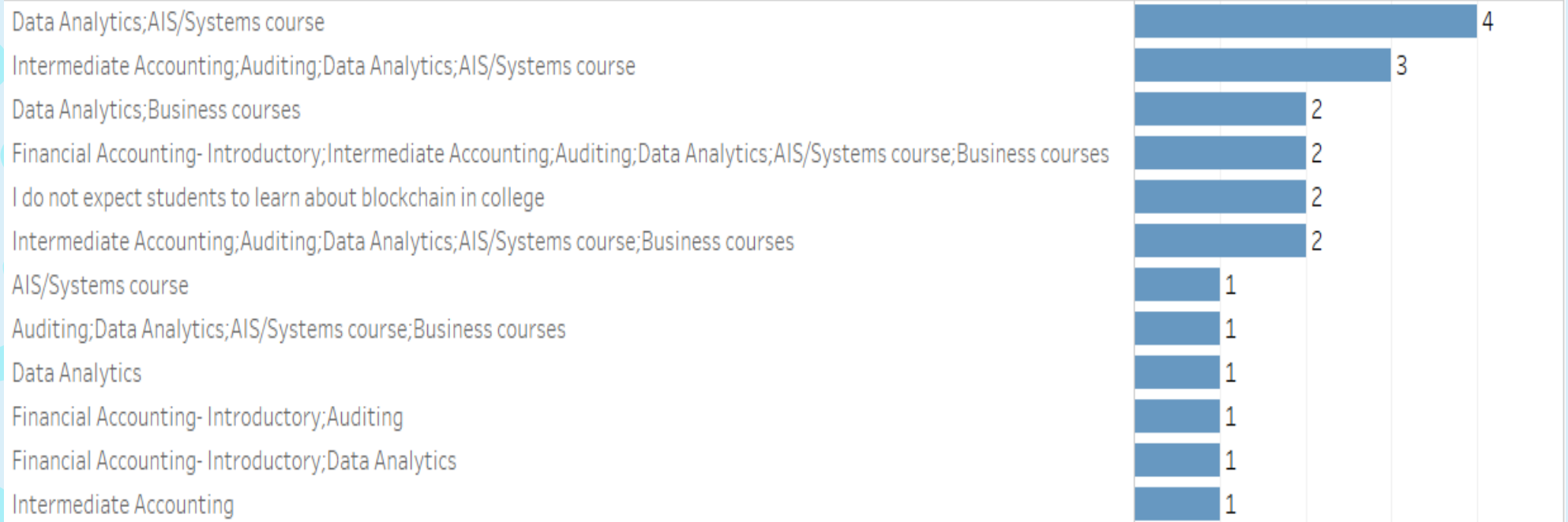
Undergraduate Students (127 responses)

In what courses do you expect blockchain to be taught? Check all that apply



Business Professionals (21 Responses)

In what courses do you expect blockchain to be taught? Check all that apply



Professors (13 responses)

	In what courses is blockchain currently being taught?	In what courses would you like to see blockchain taught?
I do not expect blockchain to be taught in college	4	2
Business courses	2	2
AIS/Systems course	1	1
Auditing	1	1
Data Analytics	2	
Data Analytics;AIS/Systems course	1	1
Auditing;Data Analytics		1
Auditing;Data Analytics;AIS/Systems course		1
Data Analytics;AIS/Systems course;Business courses		1
Data Analytics;Business courses		1
Intermediate Accounting		1
Intermediate Accounting;Auditing		1

Conclusions

- Almost half of the students have never heard of blockchain although most are somewhat familiar with crypto-currencies
- Accounting professionals are expecting students to be graduating with a basic knowledge of blockchain
- Majority of students want to know more about blockchain
- Professors seem to be the most optimistic about the future of blockchain
- Appears to be easier to add to the graduate curriculum
- Most expect to gain exposure in AIS/Data Analytics course

Conclusion

- Discussion and Q & A