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## Educational Policies Committee Program Proposal, Jon M. Huntsman School of Business, May 17, 2019

Utah State University

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**Utah System of Higher Education  
New Academic Program Proposal  
Cover/Signature Page - Abbreviated Template**

**Institution Submitting Request:** Utah State University  
**Proposed or Current Program Title:** BA/BS Degree in Finance  
**Sponsoring School, College, or Division:** Huntsman School of Business  
**Sponsoring Academic Department(s) or Unit(s):** Department of Economics and Finance  
**Classification of Instructional Program Code<sup>1</sup> :**  
**Min/Max Credit Hours Required of Full Program:** 69 / 75  
**Proposed Beginning Term<sup>2</sup>:** Spring 2020  
**Institutional Board of Trustees' Approval Date:**

<input type="checkbox"/>	Certificate of Proficiency	<input type="checkbox"/>	Entry-level CTE CP	<input type="checkbox"/>	Mid-level CP
<input type="checkbox"/>	Certificate of Completion				
<input type="checkbox"/>	Minor				
<input type="checkbox"/>	Graduate Certificate				
<input type="checkbox"/>	K-12 Endorsement Program				
<input checked="" type="checkbox"/>	<b>NEW</b> Emphasis for Regent-Approved Program				
	<i>Current Program BOR Approval Date:</i>				
	<i>Proposed Emphasis Title</i>	Quantitative Finance			
	<i>Credit Hours for NEW Emphasis Only:</i>	18	/	18	
	Propose a NEW Emphasis				
<input type="checkbox"/>	Out of Service Area Delivery Program				

**Chief Academic Officer (or Designee) Signature:**

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Please type your first and last name \_\_\_\_\_ Date: \_\_\_\_\_

I understand that checking this box constitutes my legal signature.

<sup>1</sup> For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

<sup>2</sup> "Proposed Beginning Term" refers to first term after Regent approval that students may declare this program.

**Utah System of Higher Education  
Program Description - Abbreviated Template**

**Section I: The Request**

Utah State University requests approval to offer the following Degree: BA/BS Degree in Finance with emphases effective Spring 2020. This program was approved by the institutional Board of Trustees on .

**Section II: Program Proposal/Needs Assessment**

**Program Description/Rationale**

*Present a brief program description. Describe the institutional procedures used to arrive at a decision to offer the program. Briefly indicate why such a program should be initiated. State how the institution and the USHE benefit by offering the proposed program. Provide evidence of student interest and demand that supports potential program enrollment.*

It is proposed that the existing BA/BS degree in Finance include an emphasis for Quantitative Finance. The objective of this emphasis will be to allow students to differentiate themselves within the broader finance curriculum.

The current degree in Finance requires 2 courses and then allows students to select from numerous electives to cater the degree toward their needs and the needs of employers. Having a separate Quantitative Finance emphasis will create a path that students can follow to differentiate themselves from other Finance majors.

The new emphasis will have 2 additional required courses and then allow students to select 6 elective courses from a subset of the broader finance electives.

Benefits of the proposed change will include (1) differentiated skill sets (2) positioning for employment opportunities (3) better coordination with career development staff (4) increased transparency for employers and prospective students.

**Labor Market Demand**

*Provide local, state, and/or national labor market data that speak to the need for this program. Occupational demand, wage, and number of annual openings information may be found at sources such as Utah DWS Occupation Information Data Viewer ([jobs.utah.gov/jsp/wi/utalmis/gotoOccinfo.do](http://jobs.utah.gov/jsp/wi/utalmis/gotoOccinfo.do)) and the Occupation Outlook Handbook ([www.bls.gov/oco](http://www.bls.gov/oco)).*

Graduates in Quantitative Finance have filled a variety of openings but tend to land in finance and mathematical related positions. Utah DWS lists the expected occupational demand for finance related positions at 3.5% and computer and mathematical positions at 4.4%. Utah DWS lists more than 2,000 expected annual openings in each of those areas. Forbes.com lists a Finance degree in the top 10 with respect to starting salary and quantitative finance positions generally pay more than non-quantitative positions.

**Consistency with Institutional Mission/Impact on Other USHE Institutions**

*Explain how the program is consistent with the institution's Regents-approved mission, roles, and goals. Institutional mission and roles may be found at [higheredutah.org/policies/policyr312/](http://higheredutah.org/policies/policyr312/). Indicate if the program will be delivered outside of designated service area; provide justification. Service areas are defined in [higheredutah.org/policies/policyr315/](http://higheredutah.org/policies/policyr315/).*

The proposed change is consistent with USU's mission of providing a student centered experience that prepares them to serve the public. Students will be more effectively positioned to compete for employment opportunities and will be able to differentiate themselves from their peers. The program will be offered in the same areas as the existing degree program. No faculty or staff structures will be affected by the changes.

**Finances**

*What costs or savings are anticipated in implementing the proposed program? If new funds are required, indicate expected sources of funds. Describe any budgetary impact on other programs or units within the institution.*

Since all of the courses within the proposed emphasis are already being offered, no additional resources are needed to implement the change.

### Section III: Curriculum

#### Program Curriculum

List all courses, including new courses, to be offered in the proposed program by prefix, number, title, and credit hours (or credit equivalences). Indicate new courses with an X in the appropriate columns. The total number of credit hours should reflect the number of credits required to receive the award. **For NEW Emphases, skip to emphases tables below.**

For variable credits, please enter the minimum value in the table below for credit hours. To explain variable credit in detail as well as any additional information, use the narrative box below.

Can students complete this degree without emphases? <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No					
		Course Number	NEW Course	Course Title	Credit Hours
General Education Courses (list specific courses if recommended for this program on Degree Map)					
					<b>General Education Credit Hour Sub-Total</b>
Required Courses					
+	-	ACCT 2010		Financial Accounting Principles	3
+	-	ACCT 2020		Managerial Accounting Principles	3
+	-	ECN 1500		Introduction to Economic Institutions	3
+	-	ECN 2010		Introduction to Microeconomics	3
+	-	FIN 3200		Financial Management	3
+	-	FIN 3400		Corporate Finance	3
+	-	MGT 1050		Foundations of Business Leadership	3
+	-	MGT 2050		Business Law	2
+	-	MGT 3700		Operations Management	2
+	-	MIS 2100		Principles of Management Information Systems	3
+	-	MIS 3200		Business Communication	3
+	-	MIS 3300		Big Data Analytics	3
+	-	MSLE 3500		Fundamentals of Marketing	3
+	-	MSLE 3800		Leadership	2
+	-	MSLE 3890		Systems Strategy and Problem Solving	2
+	-	STAT 2300		Business Statistics	4
Choose 2 of the following courses:					
+	-	FIN 4410		Financial Institutions	3
+	-	FIN 4460		Investments	3
+	-				
+	-				
					<b>Required Course Credit Hour Sub-Total</b>
					51
Elective Courses					
+	-				
					<b>Elective Credit Hour Sub-Total</b>
					<b>Core Curriculum Credit Hour Sub-Total</b>
					51

	Course Number	NEW Course	Course Title	Credit Hours
	Name of Emphasis:		Quantitative Finance	
+ -	ECN 4330		Introduction to Econometrics	3
Choose _____ of the following courses:				
+ -				
+ -				
+ -				
+ -				
+ -				
<b>Emphasis Credit Hour Sub-Total</b>				3
<b>Total Number of Credits to Complete Program</b>				54
Remove this emphasis				

Propose a NEW Emphasis to an existing Regent approved program

**Program Curriculum Narrative**

*Describe any variable credits. You may also include additional curriculum information, as needed.*

The first set of 16 courses are the business school acumen required of all business students. The second set of 2 courses are the required courses for a finance major. The quantitative finance emphasis then has 2 more required courses ECN 4330 and (ECN 3010 or ECN 4010). Students then choose 4 of the 10 electives to complete the emphasis. The additional required courses and all of the electives are currently electives for a finance major.

## Degree Map

*Degree maps pertain to undergraduate programs ONLY. Provide a degree map for proposed program. Degree Maps were approved by the State Board of Regents on July 17, 2014 as a degree completion measure. Degree maps or graduation plans are a suggested semester-by-semester class schedule that includes prefix, number, title, and semester hours. For more details see <http://higheredutah.org/pdf/agendas/201407/TAB%20A%202014-7-18.pdf> (Item #3).*

*Please cut-and-paste the degree map or manually enter the degree map in the table below*

<b>First Year Fall</b>	<b>Cr. Hr.</b>	<b>First Year Spring</b>	<b>Cr. Hr.</b>
ENG 1010 Intro to Writing (CL1)	3	ENG 2010 Intro to Writing (CL1)	3
ECN 1500 Intro to Economics (BAI)	3	ECN 2010 Intro to Microeconomics (BSS)	3
MATH 1050 College Algebra (QL)	4	STAT 2300 Business Statistics (QL)	4
ECN 1050 Economic History	3	Breadth Humanities (BHU)	3
USU 1010 University Connections	1	Breadth Physical Sciences (BPS)	3
<b>Total</b>	14	<b>Total</b>	16
<b>Second Year Fall</b>	<b>Cr. Hr.</b>	<b>Second Year Spring</b>	<b>Cr. Hr.</b>
Breadth Creative Arts (BCA)	3	Depth Humanities (DHA)	3
Breadth Life Science (BLS)	3	Depth Science (DSC)	3
ACCT 2010 Financial Accounting	3	FIN 3200 Financial Management	3
MIS 2100 Principles of MIS	3	ACCT 2020 Managerial Accounting	3
MGT 2050 Business Law	2	MIS 3200 Business Communication (CI)	3
Elective	1		
<b>Total</b>	15	<b>Total</b>	15
<b>Third Year Fall</b>	<b>Cr. Hr.</b>	<b>Third Year Spring</b>	<b>Cr. Hr.</b>
FIN 3400 Corporate Finance (QI)	3	ECN 4330 Introduction to Econometrics (QI)	3
ECN 3010 Managerial Economics (DSS)	3	MIS 3300 Big Data Analytics (CI)	3
FIN 4410 Financial Institutions	3	FIN 4460 Investments	3
MSLE 3500 Fundamentals of Marketing	3	MGT 3700 Operations Management	3
Communications Intensive (CI)	3	Elective	3
<b>Total</b>	15	<b>Total</b>	15
<b>Fourth Year Fall</b>	<b>Cr. Hr.</b>	<b>Fourth Year Spring</b>	<b>Cr. Hr.</b>
MSLE 3800 Leadership	2	MSLE 3890 Systems and Strategy	2
Finance Electives	6	Finance Electives	6
Electives	7	Electives	7
<b>Total</b>	15	<b>Total</b>	15