

New Program Code Modify Program Code

Date: 12/9/2019

REQUESTOR CONTACT INFORMATION

Name Qimei Chen Campus Mānoa, UH
 Title Associate Dean for Academic Affairs Email qimei@hawaii.edu
 Office/Dept Office of the Dean Phone 956-8377

NEW PROGRAM CODE TO CREATE

Institution MAN - University of Hawaii at Manoa Campus MAN - University of Hawaii at Manoa
 Level GR - Graduate Effective Term Fall 2020

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>20</u>	<u>College of Business Admin.</u>	<input type="checkbox"/> See Banner form STVCOLL
Department	(4) <u>FEI</u>	<u>Financial Economics & Institns</u>	<input type="checkbox"/> See Banner form STVDEPT
Degree/Certificate	(6) <u>MS</u>	<u>Master of Science</u>	<input type="checkbox"/> See Banner form STVDEGC
Major	(4) <u>FIN</u>	<u>Finance</u>	<input type="checkbox"/> See Banner form STVMAJR
Concentration	(4) <u>n/a</u>		<input type="checkbox"/> See Banner form STVMAJR
Minor	(4) <u>n/a</u>		<input type="checkbox"/> See Banner form STVMAJR

If a similar major/concentration code exists in Banner, please list the code: _____

Justification to warrant a new major/concentration code similar to an existing major/concentration code: _____

If new major, please list the BOR's approved Classification of Instructional Programs (CIP) Code: _____

Is this major/concentration code being used the same way at the other UH campuses? Yes No
 Should this program be available for applicants to select as their planned course of study on the online application? *If yes, student may select the code as their only program of study.* Yes No

RULES PERTAINING TO FINANCIAL AID AND 150% DIRECT SUBSIDIZED LOAN LIMIT LEGISLATION

Is 50% or greater of the classes in this program offered at a location other than the Home Campus? Yes No
 Is this program/major/certificate financial aid eligible? Yes No
 Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate program)? Yes No

See <http://www.ifap.ed.gov/GainfulEmploymentInfo/index.html>

Program Length

In academic years; decimals are acceptable. The length of the program should match what is published by the campus in any online and/or written publication.

2 Years

Special Program Designations

See *Special Program Designations Code Definitions on IRAO Program Code Request webpage*

A B N P T U

Required Terms of Enrollment: Fall Spring Summer Extended

IRAO USE ONLY: DATE RECEIVED

ADDITIONAL COMMENTS (for modifying existing program codes, specify the term to turn on/off the online application, the recruitment/admission term, and the general student/history/degree term.)

Banner Program Code: FIN-MS
Program Name: MS in Finance
CIP Code: 52.0801
Online Application Indicator: N (Off)

ATTACHMENTS

BOR Approved: Sole-credential Certificates, Associate (excluding ATS), Bachelor and Graduate Degrees, and sole credential certificates

- BOR Meeting Minutes & Supporting Documents Curriculum

Chancellor Approved: Concentrations, Certificates and Associate in Technical Studies (ATS) Degree

- Memo from Chancellor to notify Vice President for Academic Planning and Policy regarding program action.
 Curriculum

CERTIFICATES ONLY: Please check one (1) statement. This certificate is a...


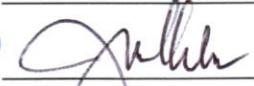
BOR approved certificate. BOR Meeting/Approval Date: _____

Chancellor approved within an authorized BOR program. BOR Program: _____

Chancellor approved CO in accordance with UHCCP 5.203, Section IV.B.10.

VERIFICATIONS

By signing below, I verify that I have reviewed and confirm the above information that is pertinent to my position.

Registrar (Print Name)	Financial Aid Officer (Print Name)	For Community Colleges, verification of consultation with OVPC Academic Affairs:
Stephanie Malin	Jodie Kuba	Tammi Oyadomari-Chun
 1/7/2020	 1/13/2020	
Signature Date	Signature Date	Signature Date

December 17, 2019

MEMORANDUM

TO: Laura Lyons
Interim Associate Vice Chancellor for Academic Affairs

VIA: V. Vance Roley *V. Vance Roley*
Dean and First Hawaiian Bank Chair of Leadership and Management

FROM: Hua Chen *Wei Huang for*
First Insurance Company of Hawaii Distinguished Professor
and Faculty Director of the Master of Science in Finance Program

SUBJECT: Master of Science in Finance Proposed 4+1 Pathway

SPECIFIC ACTION REQUESTED:

It is requested that the Provost approve the proposed 4+1 combined degree pathway for the Bachelor of Business Administration in Finance and the Master of Science in Finance. The Finance department respectfully requests:

1) BUS 314: Business Finance (3 credits) be used as the Gateway Course, requiring a grade of B or higher in order to be considered for the pathway.

2) The courses designated as double counting for the BBA and MSF degrees be:

a. One 400-level course from the following list

FIN 412 Options and Other Derivatives (3)
FIN 415 Security Analysis and Portfolio Management (3)
FIN 450 Enterprise Risk Management (3)

Note: Students take FIN 412 can be waived for FIN 654 in the MSF curriculum; students take FIN 415 can be waived for FIN 653 in the MSF curriculum; students take FIN 450 can be waived for FIN 656 in the MSF curriculum.

b. Two 600-level courses from the following list

FIN 625 Global Financial Markets (3) (Spring semester)
FIN 633 Problems in Business Finance (3) (Fall semester)
FIN 634 Investment Analysis and Management (3) (Fall semester)
FIN 639 International Banking (3) (Spring semester)

RECOMMENDED EFFECTIVE DATE:

January 13, 2020

ADDITIONAL COST:

There are no additional costs anticipated by this proposal.

PURPOSE:

To provide a 4+1 degree pathway for Finance undergraduates entering the MSF program.

BACKGROUND:

The Master of Science in Finance program in the Finance Department of the Shidler College of Business was approved by the Board of Regents on March 28th, 2019. The MSF degree was designed with the anticipation of a 4+1 pathway. The designated gateway course, BUS 314: Business Finance (3) is a course that is taken on or before the Fall semester of the 3rd year and is indicative of a student's ability to do graduate level work. We are requesting approval for BUS 314 to serve as the gateway course, requiring a B or higher for consideration to enter the pathway.

Furthermore, we have provided a list of 400-level courses and 600-level courses that fits into the MSF program. Students can choose one 400-level course and two 600-level courses from the list, totaling 9 credit hours, for double counting towards the BBA and MSF degrees respectively.

ACTION RECOMMENDED:

It is recommended that the "Provost" approve the 4+1 pathway for the BBA in Finance and MSF degrees.

Attachments:

1. Master of Science in Finance Approved Proposal (see page 10 for degree requirement)
2. Bachelor of Business Administration in Finance's Degree Requirements from <http://www.manoa.hawaii.edu/ovcaa/programsheets/>
3. Proposed combined degree pathway requirements.

Approved/Disapproved:



Laura Lyons
Interim Associate Vice Chancellor for
Academic Affairs



Date

PROPOSAL
Master of Science in Finance

I. Program Purpose and Outcomes

A. Describe the purpose of the proposed program in terms of meeting student, community or State needs

The proposed Master of Science in Finance (MSF) is a full-time, one-year, non-thesis, Plan B finance graduate degree program that requires 30 credits to complete. Developed and operated by the Shidler College of Business Department of Financial Economics and Institutions (FEI) in cooperation with the Executive Education unit within the College, the program will provide students in-depth knowledge in the principles and practices of finance and broaden their opportunities to work in finance-related careers.

The financial industry has become increasingly complex in its operations and regulatory requirements. In order to succeed, finance professionals are often required to use large sum of data in conjunction with sophisticated financial processes to analyze and solve problems for organizations in rapidly changing environments. While a BBA in finance represents a useful entry-level degree for many positions in the field, the complexity of contemporary financial and risk management requires systemic and in-depth training on financial theory and practice beyond what is possible within the undergraduate study. As a result, a master degree in finance often becomes a necessary level of academic training for specialized financial careers beyond the entry level.

The financial industry is one of the largest industries in the State of Hawaii and has been growing rapidly. The proposed master in finance program will rigorously recruit students from the Shidler College and the local community and offer them expert training tailored for future global financial markets. These talented individuals will in turn serve in the local real estate, financial services and energy sectors, hence promoting the growth of local economy. In the long run they will also help enhance the economic competitiveness of the State of Hawaii.

B. Identify the program outcomes, what the student will know and be able to do at the completion of the program

The proposed MSF program builds on the knowledge students develop in an undergraduate finance or related degree program. Upon completion of the MSF program, graduates will be able to achieve the following outcomes.

1. Students will be able to learn advanced theories and best practices in the financial industry in areas such as corporate financial management, banking, investment management, wealth management, and risk management and insurance.
2. Students will learn comprehensive knowledge necessary for obtaining the CFA (Chartered Financial Analyst®), the FRM (Financial Risk Manager™), and/or the CFP (Certified Financial Planner®) certifications that have become golden standards in the

financial industry. These credentials should significantly broaden career opportunities for students in finance-related fields such as Commercial Banking, Financial Planning, Insurance, Investment Banking, Financial Analysis, etc., and they are often the prerequisite for higher paying positions in these industries. Due to the level of difficulties of those exams and the amount of time required for preparation, it is almost impossible for most of BBA students to pass the certification exams prior to graduation.

3. Students will master in-depth knowledge for conducting practical research in the areas of equity valuation, portfolio management, and risk management and insurance.
4. Students will obtain solid foundation in financial management that will be valuable if they pursue further graduate studies such as PhD program in finance.

C. Describe the fit of the proposed program with system/campus mission and state need

1) Alignment with the UH System mission and academic master plan as well as campus mission and academic plan

The proposed MSF program has its objectives consistent with the mission and strategic plan and outcomes of the University of Hawaii. “The primary mission of the University of Hawaii is to provide environments in which faculty and students can discover, examine critically, preserve and transmit the knowledge, wisdom and values that will help ensure the survival of the present and future generations with improvement in the quality of life.”

The proposed MSF program is aligned with: 1) the Hawai‘i Graduation Initiative (HGI) Goal (increase the educational capital of the state by increasing the participation and completion of students, particularly Native Hawaiians, low-income students, and those from underserved regions and populations and preparing them for success in the workforce and their communities); 2) the HGI Action Strategy 3 (anticipate and align curricula with community and workforce needs).

The proposed MSF program will also align with of the University’s six-year strategic direction. “Hawai‘i Innovation Initiative (HI2) Goal is to create more high-quality jobs and diversify Hawai‘i’s economy by ...innovation, research, education and training enterprise that addresses the challenges and opportunities faced by Hawai‘i and the world...” (University of Hawai‘i Strategic Directions, 2015–2021). The proposed MSF program aims to provide our students with knowledge of cutting-edge finance theory and skills that will help address the contemporary challenges in the financial industry of Hawai‘i.

The proposed program is aligned with the Integrated Academic and Facilities Master Plan. “UH Mānoa must also continue to meet the professional workforce needs of Hawai‘i in areas such as education, medicine, nursing, law, business, social work and engineering,” (page 4). Finally, you will find that through planned coordination with our undergraduate programs, the proposed degree addresses the implications for UH Mānoa’s graduate enrollment management as well. “Graduate enrollment management should focus particularly on attracting the best students to UH Mānoa graduate and professional programs defined as strategic. UH Mānoa can also do more to recruit UH undergraduates into some of its graduate programs, particularly master’s degree programs, (page 5).

2) Provides evidence of continuing need for the program, projections of the number of graduates, of career and graduate education opportunities for those completing the proposed program, etc.

Shidler College of Business currently has a full-time MBA program. It is a general degree and does not have distinctive functional concentrations. However, demand for specialized programs focusing on functional areas such as accounting, finance, information technology, marketing, and management has increased significantly in recent years. Unlike the MBA program, the specialized MSF program requires little or no work experience and thus can attract new undergraduate students who wish to obtain broader and in-depth knowledge in finance and to be more competitive in the job market. The MSF program is also appropriate for industry practitioners who want to obtain deeper understanding of theories or up-to-date knowledge in finance.

The MSF program is expected to graduate approximately 20 students per cohort. In addition to industry opportunities in the finance sector, students in the MSF program will also have the option to apply for admission to a PhD program with a specialty in finance at the Shidler College of Business or other universities.

3) Market analysis of the need of the program by addressing the professional, economic, social and workforce needs of the State of Hawai'i

Hawaii State has a diverse economy. The service industry, which includes hotels, finance, real estate, and private healthcare, is ranked among the top five industries in the State. As an environmentally friendly industry, the finance sector, especially wealth management, real estate, funds investment, and risk management, has thrived in recent years in Hawaii. In 2015, the employment in the sector of finance, insurance, real estate, rental, and leasing is 46133, accounts for 6.8% of the total employment. (Table 12.14 of the State of Hawaii Data Book, 2016, <http://dbedt.hawaii.gov/>) The trend has been increasing. Financial companies such as Bank of Hawaii, First Hawaiian Bank, American Savings Bank, are among the state's top 25 employers.

As the flagship campus of the University of Hawaii system, UH Manoa has been the main driving force in the supply of local labor force with advanced education. Shidler College of Business has been providing the state with high quality graduates in all business areas. We expect that the proposed MSF program will have a significant impact over time on satisfying our state's workforce need and stimulating economic growth.

4) Demonstrates how the proposed program responds to national and international needs where Hawai'i and the University have unique or outstanding resources to respond with quality

The proposed MSF program will further enhance the reputation of UH Manoa in supplying high quality graduate students in financial management areas to State of Hawaii, Asia-Pacific countries and the U.S. mainland. There is no current graduate program that focuses on finance at UH Manoa. UHM's location and exposure to both Asian and American culture provides a unique

environment for students to learn about American and Asian economies and financial markets, providing them with a competitive advantage in today's job market.

International students graduating from the MSF program will see greater employment opportunities, especially in East and Southeast Asian countries where investment and portfolio management as well as risk management are increasingly in demand as their financial markets grow. UH Manoa has many foreign university partners and the proposed MSF program will offer a unique opportunity for students from partner universities to enroll in the master degree program after their senior year at UHM.

5) Meets the basic education needs for which there is a demand by Hawai'i residents

The enrollment of undergraduate students at the Shidler College has been large and steadily growing. The College also has a successful Direct Admit Program (DAP), in which top-tier high school graduating students mostly from Hawaii are directly enrolled in the business program. Many of these undergraduate students are planning to continue their study towards a master degree upon graduation. The proposed MSF program will certainly address their demand.

In addition, undergraduate students from other units in the UH system, such as economics, mathematics and other related majors, will also greatly benefit from attending the MSF program. They will learn theoretical and practical knowledge in financial management. They will obtain the skills that should enhance their marketability in the financial industry.

II. Program Organization

A. Provides a description of curriculum organization, total credits to complete the program including all prerequisites requirements, admission policies, advising, and other aspects of the program, with reference to its goals/outcomes.

The proposed MSF program is a full-time, one-year, non-thesis, Plan B finance graduate degree program that requires a minimum of 30-credits to complete. The program will provide students in-depth knowledge in the principles and practices of finance and broaden their opportunities to work in finance-related careers, in areas such as corporate financial management, banking and investment, wealth management, and risk management and insurance. The courses include the foundation courses and functional area courses. The courses will help students to pass the CFA (Chartered Financial Analyst®) exams. In addition, the courses will also help students to prepare for the FRM (Financial Risk Manager™), and/or the CFP (Certified Financial Planner®) certifications. In order to satisfy the requirement of a "culminating experience" for Plan B master's program set by the general Office of Graduate Education, students will complete a research project during the program. Appendix A provides a list of proposed MSF foundation courses and courses in functional areas.

There are two foundation courses that provide essential financial concepts and skills in corporate finance and investment. In addition, there are eight courses in two functional areas. The first functional area is "financial analysis, securities investments and portfolio management," whereas

the second functional area is “banking, insurance and risk management.” Career training will be provided through a series of workshops and internship that will guide and prepare students for taking the necessary steps to transition out of school and into their careers. The workshops will be done during the first semester and they will assist students with focusing their career paths and understanding what is needed to be competitive in their respective industry of choice.

The proposed Master of Science in Finance (MSF) is a full-time one-year non-thesis, Plan B marketing graduate degree program that requires 30 credits to complete. Up to 9 credit hours of finance-related coursework (including one 400-level and two 600-level courses) taken as an undergraduate within the Shidler College of Business in the final two semesters (or summer sessions) at UH Manoa will be allowed to be used toward the 30 credit hour requirement, provided a minimum of 141 credits total for both bachelor’s and master’s degree with a minimum of 21 hours of master’s coursework (inclusive of thesis or capstone hours) not double counted. Details of the potential pathway under Manoa’s combined bachelor’s/master’s programs guidelines will be discussed and potentially approved by the Department of Financial Economics and Institutions and the Office of the Vice Chancellor for Academic Affairs at a later date, assuming approval of the overall program by the campus and Board of Regents. Upon Departmental and Dean’s office approval, MSF students may take up to 9 credit hours of related graduate courses in other areas such as information technology, economics, and mathematics, etc.

The admission requires standard test scores such as GMAT or GRE. International students whose first language is not English are required to submit their official TOEFL test scores. The minimum scores for those standardized tests should be comparable to other Shidler graduate programs such as MBA program. Admission requirement also includes an undergraduate cumulative GPA of at least 3.0 at the time of application. The prerequisites for the program are college level mathematics and statistics. Students with deficiency in prerequisites will be directed to take relevant courses in the first semester of the program. Applicants who do not meet the requirements may be considered under special circumstances by the MSF Admissions Committee.

An MSF faculty director will oversee admissions, in conjunction with the Shidler College of Business Graduate Student Office and an admissions sub-committee of MKT Faculty. The faculty director will advise newly admitted students in course selection and progression through the program. The faculty instructor for the Capstone class in spring/summer will oversee the student capstone experience.

III. Student Demand

A. Profile of students who will likely enroll in the program, including a discussion on the likelihood of the program attracting new students to the campus or existing students

The target student pool will mainly come from three fronts:

First, Shidler College undergraduate students in their senior year, particularly the students in the

DAP program (Direct Admit Program). We expect a 4+1 program to be attractive to outstanding Shidler undergraduate students who wish to obtain extensive training in finance subject.

Second, international students, especially those from East and Southeast Asia where investment and portfolio management as well as risk management are increasingly in demand as their financial markets grow.

Third, undergraduate students from the UH system or other U.S. universities in economics, mathematics and other related majors who have solid quantitative training will benefit from attending a one-year MSF program to obtain thorough knowledge in finance and to make them more marketable in the financial industry.

Fourth, UHM's foreign university partners in the 3+2 program, whose students can enroll in the MSF program after their senior year.

B. Provides evidence of student interest (i.e. needs assessment)

As Bloomberg Business reported¹, a major asset of a MSF degree is the length of completion time. While MBA programs take two-to-three years, students can earn a Master's in Finance in just one year. That means it is more affordable. Furthermore, financial positions are changing and many professionals with MBAs are going back to school to get a Master's in Finance as well to hedge their bets. The types of jobs available with a Master's in Finance are usually in financial management including Commercial Banking, Financial Planning, Insurance Specialists, Investment Banking, Financial Analysis, and Brokers, among others.

The financial crisis in 2008 has demonstrated a much greater need for measuring and managing risks in finance and corporations. Today's financial industry has a big demand for training in risk management, compliance, asset management and financial modeling using Big Data. The job market is hot for graduates of Master of Science in Finance programs. For example, in 2015, 78 percent of employers planned to match or exceed their hiring of finance graduates compared to 2014, and demand is expected to remain strong, according to a study by the Graduate Management Admission Council². The major financial media have reported that the financial crisis have led to more interests in specialized financial training³.

The Department of Financial Economics and Institutions conducted a MSF interest survey among all Shidler undergraduate students taking "finance", "real estate", and "insurance" classes in fall 2017. There are 196 students who completed the survey. Of them, 89 (or 45% of the

¹ <http://www.gradschoolhub.com/faqs/types-jobs-masters-finance/>

² <http://www.washingtonpost.com/sf/brand-connect/grad-guide-finance-heats-up/>

³ For example, see Financial Times, June 19, 2016, "Experiences of 2008 crisis have led to more interests in financial training." According to the article, "new regulations, new methods of delivery or alternative business models enabled by new technology have been good news for those providing financial training degree courses. A masters in finance is seen as more attractive to graduates because they can get a "deeper dive" into the subject and at a lower cost than with an MBA."

respondents) indicated that they were interested in the proposed MSF program. Among those students who are interested in MSF, 54 (or 61%) are from Hawaii. Furthermore, 58 (or 65%) said they planned to work in Hawaii. These survey data suggest that there is a potential demand for the MSF program among Hawaii students currently enrolled at Shidler. In the meantime, a majority of those students who are interested in the MSF program intend to work in Hawaii, implying that the proposed MSF program will potentially make positive contribution to the quality of local labor force in the financial industry.

Appendix B provides some online information about the demand and compensation for professionals with Master’s level finance knowledge and skills. Appendix C provides a partial list of MSF programs in major US universities. Appendix D is MSF interest survey and the summary results.

C. Includes an estimated number of majors per year with an explanation on how this number was determined.

	Previous Year	Current Year	Projected Years			
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
ENROLLMENT (Fall Headcount)						
Projected: MS in Finance		n/a	20	25	25	25
BBA in Finance	181	199	190	190	190	190
MBA, PhD Business Admin	260	220	220	220	220	220
COMPLETION (Annual)						
Projected: MS in Finance		n/a	n/a	20	25	25
BBA in Finance	127	127	127	127	127	127
MBA, PhD Business Admin	147	130	130	130	130	130

The MSF program is expected to graduate approximately 20 students per cohort. Full-time student cohorts will run from mid-August to early mid-August of the following year (12 –month program, 30 credit hours in total, 9 to 12 credit hours in fall semester; 9-12 credit hours in spring semester; 3-6 credit hours in summer 1; 3-6 credit hours in summer 2). The estimated number of students is based on the interest survey of Shidler undergraduate students and estimated enrollment of students from U.S. mainland and international universities.

IV. Program Resources and Efficiency

A. Describe resources required for program implementation and first cycle operation.

1) Number, source, and cost of faculty; library requirements; support personnel; estimated cost of supplies, equipment and CIP; facilities to be utilized.

- a. **Faculty (existing and new FTEs):** No additional FTE is needed if enrollment is 40 or less. Some of the elective courses will be taught by adjunct lecturers.

CURRENT ACADEMIC PERSONNEL	Current Year
Current Faculty FTE	15
Current Faculty Salaries (\$)	\$2,736,408.00

Current Lecturers (\$)	\$ 67,847.65
Current Graduate TAs	5

b. Library resources (estimate of current resources and additional resources required): The students in the proposed MSF program will use extensively existing Bloomberg terminals as well as other financial databases already available at the Shidler College and UH Manoa library.

c. Physical resources (space, equipment, etc.): The proposed MSF program will fully utilize the current facility and resources such as classrooms and financial databases. Any additional resources needed should be fully covered by the revenue generated by the program.

d. Other resources required (staff, graduate assistantships, etc.): It is expected that the proposed MSF program will share administrative staff with other Shidler graduate programs. The proposed MSF program will require one program director who will receive teaching reduction and/or compensation similar to other existing Shidler graduate programs.

B. Describe the expected sources of funds, including sources of reallocated funds.

The program will be funded by student tuition. No reallocation of funds is required.

TOTAL NEW PROGRAM RESOURCES (These expenses are shared across the 3 proposed Shidler Master's Degrees)					TOTAL: \$225,000
	2019-20	2020-21	2021-22	2022-23	
Promotional Expenses	\$20,000	\$15,000	\$10,000	\$8,000	
Executive Ed Staff Expenses	\$10,000	\$12,000	\$15,000	\$15,000	
Outreach Overhead	\$30,000	\$30,000	\$30,000	\$30,000	
Total New Resources Needed (for MSMM, MSF, MSIS programs)	\$60,000	\$57,000	\$55,000	\$53,000	

New Program Resources

(Total needed for proposed MS in Marketing Management, MS in Finance, and MS in Information Systems)

- Promotional Expenses: Includes advertising, brochures, fliers and promotional trips.
- Executive Education Staff Expenses: Includes books/lecture materials and computer, network expenses
- Outreach College Overhead: Outreach College administrative fees of \$40 per credit student effective through Summer 2017 (assuming same fees).

C. Compare anticipated cost per SSH, cost per major, SSH/faculty, average class size or other quantitative measure with other programs in the college.

COURSES, SECTIONS, SSH (Annual)	Previous Year	Current Year	Projected Years			
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Projected New Courses		0	0	0	0	0
Projected New Sections		0	0	0	0	0
Projected New Course SSH		0	0	0	0	0
Current Courses Offered	32	34	34	34	34	34
Current Sections Offered	36	41	41	41	41	41
Current Annual SSH	2,037	2,521	3,001	3,001	3,001	3,001

D. List similar programs at other UH campuses and describe how the proposed program differs or is similar to these programs. Provide rationale for the new program if there are similar existing program(s).

There are no similar programs offered in the UH System. The MBA degree offered by the Shidler College of Business is a generalist degree designed for individuals with work experiences but relatively little formal management education. The proposed MSF program will attract students who have less or no work experience but who have a strong interest in obtaining comprehensive and in-depth knowledge in finance, ideally completing one or more certifications in the financial management field. The master degree will help students obtain higher paying positions with additional responsibilities. Given that the program is a special area of graduate study, it is not possible to obtain similar levels of training within the MBA Program. Hence, there is a need for a specialized finance master program.

V. Program Effectiveness

A. Describe the plan for assessing the quality of student learning.

The proposed program will be assessed relative to the best MSF programs offered by academic institutions on the mainland. Graduating students will be surveyed to provide constant feedback on how to improve the programs content. The Shidler College of Business is an AACSB accredited business college. Therefore, the college is required to establish and employ systematic measurement of student learning that facilitates continuous improvement of pedagogy and course content to help ensure delivery of a high quality educational experience. The College maintains a standing Faculty committee, the Assurance of Learning Committee, that works with Department Chairs, Program Directors, and the College’s Curriculum and Programs Committee to develop and implement such measurement systems. The Department of Financial Economics and Institutions will work with the College Assurance of Learning Committee to develop a similar system for the MSF Program. The assessment is likely to include analysis of achievement of learning objectives within each of the core concentrations of the MSF program. Achievement indicators may include, for example, the number of students who pass the various certifications examinations. In addition, student evaluations for every course will be shared with the Faculty Director to enable improvements on the part of individual Faculty within the MSF Program.

B. Identify relevant program accreditation and plans to meet accreditation requirements.

The Shidler College of Business at the University of Hawai'i at Mānoa is accredited by the AACSB International. The MSF program will follow AACSB International requirements for accreditation as one of the programs offered by the College and will not adversely affect accreditation. If the program has been approved to start in Fall 2019, we will include the program to our next AACSB accreditation in Fall 2020.

Appendix A: Proposed Master of Science in Finance (MSF) Curriculum

(All courses listed below are existing courses in UHM catalog)

1. Foundation Courses in Corporate Finance and Investments

BUS 629: Managerial Finance
FIN 634: Investment Analysis and Management

2. Courses in Functional Areas (courses can be overlapping across functional areas)

Financial Analysis, Securities Investments and Portfolio Management

ACC 581: Financial Accounting I
FIN 633: Problems in Business Finance
FIN 653: Portfolio Optimization
FIN 654: Financial Derivatives
FIN 655: Financial Forecasting

Banking, Insurance and Risk Management

FIN 625: International Monetary Systems and Global Financial Markets
FIN 639: International Banking
FIN 656: Insurance and Risk Management

3. Culminating experience

Following the requirement of a “culminating experience” for Plan B master’s program set by the general Office of Graduate Education, students will complete a research project through consulting practicum, finance internship or other “culminating” experience, e.g., FIN 661 (Research Seminar – 3 credit hours required of all students)

Appendix B: Descriptive data about demand for Master of Science in Finance Program and Career information

- 1) The information below is from <http://www.worldwidelearn.com/online-education-guide/business/finance-major.htm>

Finance Salaries and Career Outlook Data

Career	Total Employment	Annual Mean Wage	Projected Job Growth Rate
Financial Analysts	268,360	\$95,320	11.7%
Financial Managers	531,120	\$134,330	6.8%
Loan Officers	303,870	\$75,170	8.1%
Personal Financial Advisors	197,580	\$118,050	29.6%
Securities, Commodities, and Financial Services Sales Agents	319,280	\$102,860	9.5%

Source: 2015 Occupational Employment Statistics and 2014-24 Employment Projections, Bureau of Labor Statistics, BLS.gov.

- 2) The information below is from: <http://www.bls.gov/careeroutlook/2015/article/should-i-get-a-masters-degree.htm#Business>

Selected business occupations in which workers with a master's degree earned a premium over workers with a bachelor's degree, 2013

Occupation	Employment with bachelor's degree	Percent with bachelor's degree	Employment with master's degree	Percent with master's degree	Median annual wage for bachelor's degree	Median annual wage for master's degree	Wage premium amount(1)	Wage premium percent
Securities, commodities, and financial services sales agents	113,110	54%	32,865	16%	\$90,000	\$170,000	\$80,000	89%
Financial managers	400,770	41	182,678	19	78,000	110,000	32,000	41
Property, real estate, and community association managers	92,579	27	23,380	7	56,000	76,000	20,000	36

Footnotes:

(1) The wage premium represents the wage increase for workers with a master's degree over that for workers with a bachelor's degree in the occupation.

Source: U.S. Census Bureau, American Community Survey

- 3) The information below is From: <http://www.master-of-finance.org/salary/>

The highest Master of Finance salary for Masters in Finance degree holders are vice president for finance positions with a median annual salary range of \$170,000. Finance directors and senior financial analysts

can also earn as much as \$154,000 and \$83,000 in median pay respectively. However, the demand for these top positions is quite narrow. The U.S. Bureau of Labor Statistics reports that jobs for financial managers are expected to grow by 8 percent from 2008 until 2018. This is because of increasing investment complexity, the changing regulatory environment and emerging global finance. Financial managers can earn as much as \$99,330 in median salary. Entry level financial analysts earn an average salary of \$74,350. These professionals work for banks and retirement funds. They also offer assistance for people who are buying stocks, commodities and bonds. Meanwhile, personal financial advisors earn a median salary of \$64,750. These professionals offer advice to help people with their financial and estate planning. High-end insurance underwriters can earn about \$126,000 yearly.

4) The information below is from:

[http://www.payscale.com/research/US/Degree=Master_of_Finance_\(MFin\)/Salary#by_Job](http://www.payscale.com/research/US/Degree=Master_of_Finance_(MFin)/Salary#by_Job)

Employees with a Master of Finance (MFin) Degree Median Salary by Job

Job	National Salary Data
Financial Analyst	\$61,076
Senior Financial Analyst	\$82,741
Chief Financial Officer (CFO)	\$140,000
Financial Controller	\$78,695
Finance Manager	\$89,004
Portfolio Manager	\$98,920
Vice President (VP), Finance	\$135,948
Country: United States, Currency: USD. Updated: 14 Jan 2017, Individuals Reporting: 428	

5) The article below provides description of the demand for MSF graduates. It is from Washington Post BrandStudio (<http://www.washingtonpost.com/sf/brand-connect/grad-guide-finance-heats-up/>)

The 2008 market meltdown brought big changes to the way banks, investment houses and other players operate in the finance industry. It's brought about a lowered tolerance for risk, along with stricter compliance regulations and accounting controls. The crisis's aftereffects aren't limited to Wall Street—it's changed how finance students prepare for their careers. Industry professionals say demand is strong worldwide for professionals in risk management, corporate finance and asset management.

"The financial crisis demonstrated a much greater need for measuring and managing risks in finance and corporations," said Michael Faulkender, associate professor and director of the Master of Finance program at the University of Maryland's Robert H. Smith School of Business. "Risk management is a hot topic."

Risk is just one subject that graduate finance students will need to conquer to be competitive in today's job market. Training in compliance, asset management and financial modeling using Big Data can also provide a big edge. "There are some pretty consistent skillsets that firms want today," said Allan Eberhart, finance professor and director of the Master of Science in Finance program at Georgetown University.

Outside the Beltway, nationally ranked MS finance programs include Massachusetts Institute of Technology, Princeton, Vanderbilt, Washington University in St. Louis and the University of Southern California. And with business now truly global, institutions that offer world-class postgraduate finance programs can be found all over the map. Top-rated institutions outside the United States include the London Business School, the University of Cambridge and HEC Paris.

Finance jobs are on the rise

The job market is hot for graduates of master of finance and master of science in finance programs. Last year, 78 percent of employers planned to match or exceed their hiring of finance graduates compared to 2014, and demand is expected to remain strong, according to a study by the Graduate Management Admission Council.

Several factors are driving this trend. While Wall Street does not traditionally recruit from graduate programs, preferring instead to hire undergraduates for grueling internships, other sectors of the industry more than compensate for that.

Corporations are looking for individuals with advanced financial skills that complement many departments. One student in Georgetown's program is an Anchorage, Alaska-based engineer at a major oil company. He's taking advantage of the school's flexible online options to prepare for a role in the company's portfolio investment unit.

Tech startups are another growing destination for finance graduates. Ride and room-sharing companies and other app-based operations are seeing big growth, fueled by private funding. Currently, there are 147 privately held companies worth more than \$1 billion, so-called unicorns, compared to 83 just a year ago. "There's much more private equity and venture capital than there was 10 years ago," Faulkender said.

The unicorns also drive hiring indirectly. Founders and CEOs at those firms often position them for acquisition, and potential buyers need professionals with deep valuation skills. "Valuation is a huge area," Eberhart said. For example, students in Georgetown's MSF program are working with a major, international consulting company to help its executives arrive at a valuation for a tech startup it's considering acquiring.

Real-world experience attracts employers

With this kind of hands-on work experience, master in finance students are some of the most sought after postgraduates. "We're focused on experiential learning," Faulkender said. "Our students are working with real companies to solve the situations they're confronting."

Maryland's graduate finance students have worked with the World Bank on mortgage portfolio structuring and with private companies on capital budgeting. Georgetown students went to Africa to help a private bank value its various services across the continent. "These are not book reports where everybody claps politely," Eberhart said. "Our students built this incredibly complex model."

The numbers on paper

MF and MSF programs typically take about one to two years at between \$30,000 to \$50,000 per year for tuition and fees. But it's usually well worth it. The average salary increase for Georgetown students is 43 percent, with the median at 65 percent. But students need to be well prepared and have strong backgrounds in math and statistics. The average GMAT score for students entering the University of Maryland's program is 700. "We're able to be very selective," Faulkender said.

Many students have also completed, or will complete, the Chartered Financial Analyst program, which is seen as complementary to an MSF. "Our grads have significantly higher pass rates" on the CFA exam, Faulkender said.

Georgetown's McDonough School of Business also offers executive education and other programs that can be custom tailored for professionals and organizations. Executive MBAs and master's in international business and policy are available in full-time and evening MBA programs. MSB students graduate "global ready," said Chris Kormis, associate dean and chief marketing officer.

Looking ahead, demand for jobseekers with master in finance degrees is expected to remain strong for the foreseeable future, driven by globalization, regulatory reform and the increasing complexity of investment portfolios.

“All of our students were employed after graduation,” Eberhart said.

Appendix C: Examples of U.S. Universities with Master of Science in Finance Programs

Institutions	Program Type	Start Date	Duration	Total Tuition	Enrollment (2016)	Acceptance Rate
MIT	Master of Finance	2009	1 year; 18 months	\$75,850; \$100,350	114	14.6%
Boston College	MS in Finance		1 year	\$48,360	77	6%
New York University	MS in Global Finance (executive) (Joint with HKUST)	2007	1 year	\$70,800	NA	20%
UT – Austin	MS in Finance	2012	< 1 year	in/out state: \$43,000/48,000	50	29.7%
Univ. of Rochester	MS in Finance		11 months	\$75,000	NA	32.8%
Indiana Univ.	MS in Finance (online)	2002	18 months	\$38,100	NA	NA
Georgetown	MS in Finance (online)	2014	20 months	\$69,760	NA	NA
Notre Dame Univ.	MS in Finance	2015	1 year	\$57,100	NA	NA
Univ. of Illinois	MS in Finance	NA	15 months	\$59,364	NA	32.1%
Michigan State	MS in Finance	2002	1 year	in/out state: \$37,500/39,600	NA	NA
Texas A&M	MS Finance	NA	10-month	in/out state: \$31,500/44,600	50	NA
University of Utah	MS in Finance	NA	1-year	Resident / Full-Time: \$27,200 Resident / Part-time: \$31,000 Non-Resident/International, Full-Time: \$46,100	88	NA
USC	MS in Finance	NA	1 year	\$66,492	65	7.7%

Sources: *US News: Best Finance Programs (2015)* and *Poets&Quants (www.poetsandquants.com)*, supplemented by information from university websites and faculty in other universities with MS in finance program.

Appendix D: MSF Interest Survey Data Summary

FEI department conducted an in-class survey for Shidler undergraduate students who are taking “finance (FIN)”, “real estate (RE)” and “Insurance (INS)” classes in fall 2017 semester.

If a one-year MSF program is offered at Shidler College, would you be interested in applying?

	Number of Students	Percentages
Total students	196	100%
Students interested in MSF	89	45%
Students not interested in MSF	42	22%
Unsure	65	33%

Are you planning on attending graduate school?

Yes	115	59%
No	74	38%
Undecided	7	3%
If yes, attending		
1) immediately after Bachelor’s degree	26	23%
2) after 1-2 years of work	81	70%
3) undecided	8	7%

The following data are for those students who are interested in MSF (among those 89 students):

They are originally from:

	Number of Students	Percentages
Hawaii	56	63%
U.S. Mainland	18	20%
International	15	17%

Where they plan to work (some students wrote multiple places):

	Number of Students	Percentages
Hawaii	58	65%
Others	49	55%

The job areas they plan to work in (some student chose multiple areas):

	Number of Students	Percentages
Investment Management	53	60%
Wealth Management	30	34%
Insurance and Risk Management	21	24%
IT Related Finance	20	22%
Banking	2	2.2%
IB Finance	1	1.1%
Corporate Finance	2	2.2%
Investment Banking	1	1.1%
CFA	1	1.1%
Real Estate	5	5.6%
Data Analytics	2	2.2%

Product Management	1	1.1%
Marketing/Management	1	1.1%
Seeking multidisciplinary programs	1	1.1%
Sustainable Environment	1	1.1%

Gender:

	Number of Students	Percentages
Male	57	64%
Female	32	36%

What year they are in (One student did not answer this question):

	Number of Students	Percentages
Freshman	0	0
Sophomore	0	0
Junior	8	9%
Senior	80	90%

Major in (Some students wrote double majors):

	Number of Students	Percentages
Finance	76	85%
Others	34	38%

The document below is the interest survey distributed to students who are currently taking finance, real estate, and insurance classes in fall 2017.

Master of Science in Finance Interest Survey

Please take a few minutes to fill out the following survey. By doing so you will be helping us find out if a Master of Science in Finance is something of interest to you.

The name of the class you are taking now: _____ (Note: if you completed this survey in another class, you do not need to fill out this survey again. Thank you for your time!)

Background Information

GENDER: MALE FEMALE

What year are you in:

Freshman Sophomore Junior Senior

I was originally from:

Hawaii U.S. Mainland

International (*Please specify country*) _____

Academic

Your major (If you have not decided, you can write "undecided") _____

Are you planning on attending graduate school?

Yes No

If so, when do you plan to attending? (Please see the other side)

Immediately after my Bachelor's degree

After I work for one or more years

If a one-year Master of Science in Finance (MSF) program is offered at Shidler, would you be interested in applying?

(For your information, the MSF is a one-year non-thesis master degree program with 10 courses that focus on advanced corporate finance, accounting, investment and wealth management, insurance, and IT related finance. The MSF program will help students prepare for CFA (Charter Financial Analyst), CFP (Certified Financial Planner), and FRM (Financial Risk Manager) and other certifications that are gold standard credentials in financial industry. The MSF degree will provide you with broad and in-depth knowledge and skills that you need to work in the financial industry beyond the entry level.)

Yes No Unsure

If yes, check next to which area you plan to work in?

- Investment Management
- Wealth Management
- Insurance and Risk Management
- IT related Finance
- Other (please specify) _____

Professional

Where do you plan on getting a job (e.g., Hawaii, U.S. mainland, foreign countries, etc.)?

What industry do you plan on working in when you graduate?

Thank you for your time! If you are interested or curious in our Master of Science in Finance program, please include your name and email below. (You may leave them blank)

NAME _____

EMAIL _____

Bachelor of Business Administration (BBA) - Finance

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
3	3	3	3	3	3	3	3
ECON 130 (DS)		ACC 200		BUS 310		BUS 312/313	
PSY 100 or SOC 100 (DS)		Computer Competency		BUS 311		FIN Elective 300+	
3		4		BUS 314		FIN Elective 300+	
COMG 151 or 251 (DA)		DB (or DP)		Non-BUS Elective 300+		Non-BUS / Non-major	
3		3		HSL 201 or Culture		Elective 300+ (BUS 395	
FW		HSL 101 or Culture				recommended)	
3		3				Elective	
FG (A/B/C)		Elective				3	
3		3					
15	15	16	16	15	15	15	15
Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits
3	3	3	3	3	3	3	3
ECON 131 (DS)		Submit Application by Deadline		BUS 312/313		BUS 345	
Calculus (FQ)		ACC 201		BUS 315		FIN Elective 300+	
3		3		FIN 311		IB Elective	
FG (A/B/C)		BLAW 200		FIN Elective 300+		Non-BUS / Non-major	
3		3		HSL 202 or Culture		Elective 300+	
DH/DL		BUS Communication				Elective	
3		HSL 102 or Culture				3	
DP (or DB)		Elective				1	
3		3					
DY							
1							
16	16	15	15	15	15	15	13
Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits
Summer	Summer	Summer	Summer	Summer	Summer	Summer	Summer
0	0	0	0	0	0	0	0
Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits
31	31	62	62	92	92	120	120
Total Credits	Total Credits	Total Credits	Total Credits	Total Credits	Total Credits	Total Credits	Total Credits

Notes:

Students may have to take a placement exam to be able to register for Calculus.
 Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.
 Check with your academic advisor for assistance with appropriate course selections and to discuss requirements for double majors.
 Minimum 45 upper division (300+ course) credits are required.

University of Hawaii at Mānoa – 5-Year Academic Plan for BBA Finance and MSF program 4+1 Pathway

Shidler College of Business

BBA Finance and MSF Program 4+1 Pathway

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4		Year 5	
Fall	ECON 130 (DS) PSY 100 or SOC 100 (DS) COMG 151 or 251 (DA) FW FG (A/B/C)	Fall	ACC 200 Computer Competency DB (or DP) HSL 101 or Culture Elective	Fall	BUS 310 BUS 311 BUS 314* Non-BUS/ Non-major Elective HSL 201 or Culture	Fall	BUS312/313 FIN Elective 300+ FIN Elective 300+ Non-BUS/ Non-major Elective 300+ FIN Elective 400+***	Fall	FIN 600+**** FIN 600+**** FIN 600+****
Credits	15	Credits	14	Credits	15	Credits	15	Credits	9
Spring	ECON 131 (DS) Calculus (FQ) FG (A/B/C) DH/DL DP (or DB) DY	Spring	Submit Application by Deadline ACC 201 BLAW 200 BUS Communication HSL 102 or Culture Non-BUS/Non-major Elective 300+	Spring	BUS 312/313 BUS 315 FIN 311 FIN Elective 300+ HSL 202 or Culture	Spring	BUS 345 FIN Elective 300+ IB Elective FIN Elective 600+**** FIN Elective 600+****	Spring	FIN 600+**** FIN 600+**** FIN 600+****
Credits	16	Credits	15	Credits	15	Credits	15	Credits	9
Summer		Summer		Summer		Summer		Summer	FIN 661
Credits	0	Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	31	Total Credits	60	Total Credits	90	Total Credits	120	Total Credits	141

Notes:

- Students may have to take a placement exam to be able to register for Calculus.
- Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.
- Check with your academic advisor for assistance with appropriate course selections and to discuss requirements for double majors.
- Minimum 45 upper division (300+ course) credits are required.
- *BUS 314 is the gateway course. Students need to get a B or higher grade in order to apply for the MSF program.
- ** FIN elective 400+ can be any courses from the following list: FIN 412, FIN 415, FIN 430
- *** FIN elective 600+ can be any course from the following list: FIN 635, FIN 633, FIN 634, FIN 639
- **** FIN 600+ are remaining courses in the MSF curriculum.

MINUTES
BOARD OF REGENTS MEETING

MARCH 28, 2019

I. CALL TO ORDER

Chair Lee Putnam called the meeting to order at 10:03 a.m. on Thursday, March 28, 2019, at Kapi'olani Community College, Ka 'Ikena Room, 'Ōhelo Building, 4303 Diamond Head Road, Honolulu, Hawai'i 96816.

Quorum (15): Chair Lee Putnam; Vice Chair Jeffrey Portnoy; Vice Chair Wayne Higaki; Regent Simeon Acoba; Regent Kelli Acopan; Regent Eugene Bal; Regent Ben Kudo; Regent Michael McEnerney; Regent Randy Moore; Regent Alapaki Nahale-a; Regent Jan Sullivan; Regent Michelle Tagorda; Regent Robert Westerman; Regent Ernest Wilson Jr.; and Regent Stanford Yuen.

Others in attendance: President/UH-Mānoa (UHM) Chancellor David Lassner; Vice President for Administration Jan Gouveia; Vice President for Community Colleges John Morton; Vice President for Legal Affairs/University General Counsel Carrie Okinaga; Vice President for Academic Planning and Policy Donald Straney; Vice President for Research and Innovation Vassilis Syrmos; Vice President for Information Technology/Chief Information Officer Garret Yoshimi; Vice President for Budget and Finance/Chief Financial Officer Kalbert Young; Vice President for Advancement/UHF Chief Executive Officer (CEO) Tim Dolan; UHM Vice Chancellor for Research/Interim Vice Chancellor for Academic Affairs Michael Bruno; Interim UH-Hilo (UHH) Chancellor Marcia Sakai; UH-West O'ahu (UHWO) Chancellor Maenette Benham; University of Hawai'i Maui College (UHMC) Chancellor Lui Hokoana; Kapi'olani Community College (KapCC) Chancellor Louise Pagotto; Executive Administrator and Secretary of the Board of Regents (Board Secretary) Kendra Oishi; and others as noted.

II. APPROVAL OF MINUTES OF THE FEBRUARY 28, 2019, MEETING

Vice Chair Higaki moved to approve the minutes of the February 28, 2019, meeting, seconded by Regent Acopan, and the motion carried unanimously.

III. PUBLIC COMMENT PERIOD

Board Secretary Oishi announced that written testimony received by the Board Office from the following for the February 28, 2019, meeting relating to the proposed UHM reorganization and associated implementation actions was included in today's testimony packet:

- Tom Apple, in support of the consolidation of the president and chancellor positions.
- Brian Powell, on behalf of the UHM Faculty Senate (UHMFS), transmitting a resolution opposing Phase 1 of the reorganization of the Mānoa management structure.

Committee Chair Portnoy summarized the written committee report.

C. Report from the Committee on Personnel Affairs and Board Governance

Committee Chair Bal summarized the written committee report.

D. Affiliate Reports

UH Student Caucus (UHSC): Regent Acopan reported that the UHSC met on March 9, 2019, at the Palamanui campus. Kumu Eric Flores, a protector, and Dr. Greg Chun of the Maunakea Management Board gave presentations on Maunakea.

Concerns were expressed regarding classes being cut which delayed graduation. Regent Acopan asked which campuses received formal versus anecdotal complaints, and multiple community colleges, UHM, and UHH all received formal complaints.

At the previous UHSC meeting concerns were expressed regarding whether the board and UHSC had a good and strong relationship. The UHSC clarified that questions and concerns were posed to students during their legislative visits that students were not holding the UH System and board accountable, regents are out of touch with students, and students should be holding regents as a whole accountable.

Concerns were also expressed about transparency, specifically why the UHM reorganization agenda item was scheduled for a meeting on Maui in February.

The next UHSC meeting is April 6 at UHMC and regents are welcome to attend.

VI. AGENDA ITEMS

A. For Action Consent Agenda

1. Approval to Change from Provisional to Established Status: Associate of Science in Business, Kauai Community College
2. Approval to Change from Provisional to Established Status: Associate of Science in Natural Science at the following campuses:
 - a. Hawai'i Community College
 - b. Honolulu Community College
 - c. Kaua'i Community College
 - d. University of Hawai'i Maui College
 - e. Windward Community College
3. Approval of the Establishment of a Provisional Bachelor of Science in Construction Engineering University of Hawai'i at Mānoa
4. Approval of the Establishment of a Provisional Master of Asian International Affairs, University of Hawai'i at Mānoa
5. Approval of the Establishment of the Following Provisional Programs:
 - a. Master of Science in Information Systems, University of Hawai'i at Mānoa

- b. **Master of Science in Marketing Management, University of Hawai'i at Mānoa**
- c. **Master of Science in Finance, University of Hawai'i at Mānoa**
- 6. **Approval of a Template of Indemnification Provision for Subawards Between the University of Hawai'i and the Space Telescope Science Institute (STScI)**

Regent Wilson moved to approve the consent agenda, seconded by Regent Moore.

Vice Chair Portnoy indicated he was abstaining from voting on the program proposals, agenda items VI.A.1. to VI.A.5. because he regards these actions as beyond the scope of the board's purview and expertise.

The motion was put to a vote and carried unanimously, with the exception of Regent Portnoy abstaining from agenda items VI.A.1. to VI.A.5.

B. Approval of Donor Recognition Naming of the Mamoru and Aiko Takitani Innovation Center at the Culinary Institute of the Pacific at Diamond Head

VP Morton and VP/UHF CEO Dolan requested the regents approve the naming of the new Innovation Center at the Culinary Institute of the Pacific (Culinary Institute) at Diamond Head in honor of Mamoru and Aiko Takitani in recognition of a new \$2.5 million gift from the Mamoru and Aiko Takitani Foundation (Takitani Foundation), Inc. that follows prior gifts for the Culinary Institute comprising \$1.1 million. VP Morton explained that the Legislature approved up to \$10 million in funding if UH could provide matching funds. The Takitani Foundation's cumulative \$3.6 million donation helps UH provide matching funds and is the largest local, private gift to the Culinary Institute. VP/UHF CEO Dolan added that not having a pre-fixed naming policy is a sensible strategy because it allows greater flexibility in considering such propositions.

Regent Moore moved to approve the donor recognition, seconded by Regent Yuen, and the motion carried unanimously.

C. Discussion of University of Hawai'i Administrative Costs: Comparison with Peers

VP Straney provided an overview of UH's administrative costs compared with peer institutions that included cost and comparison methodologies and the number of full-time equivalent (FTE) administrators and staff per FTE students in peers as identified by the Integrated Postsecondary Education Data System (IPEDS). He noted that overall, UH has significantly fewer FTE administrators per FTE students than peers. Regarding FTE staff per FTE students, the community colleges and UH Hilo are higher than peers mainly due to the decline in FTE students, and UHM and UHWO are much lower than peers.

VP Straney also presented the American Council of Trustees and Alumni (ACTA)'s cost analysis, ACTA recommended peer groups, and administrative cost/instructional cost ratios and administrative costs per FTE student for the four-year UH campuses. He noted that UH four-year campuses are spending much less on administrative costs