

Memo

Date: October 10, 2019

To: Faculty Senate

RVB

From: University Curriculum Committee: Raj Boppana (Chair), Langston Clark, Debra Peña, Liang Tang, and John Zarco.

Subject: New Program, Certificate, Minor, or Concentration Proposals

The University Curriculum Committee (UCC) reviewed the following proposals for new degree program, certificate, and minor options and recommends with the following vote for Faculty Senate discussion and approval.

UCC Recommendation			Proposal
Yes	No	Abstain	
5	0	0	1. BBA in Business Analytics (new degree program)
5	0	0	2. BA in Environmental Studies (new degree program)
5	0	0	3. Certificate in Industrial and Manufacturing Engineering
4	0	1	4. Undergraduate Certificate in Healthcare Interpreting (Spanish/English)
5	0	0	5. Minor in Translation and Interpreting Studies (TIS)

UCC summaries of the proposals are given below.

1. BBA in Business Analytics

Proposed by the Department of Management Science and Statistics in College of Business.

UCC Recommendation		
Yes	No	Abstain
5	0	0

- This degree program is designed to provide students with a conceptual framework, analytical tools and business intelligence skills needed to aggregate, organize, understand, model, interpret, apply and visualize data in business decision making.
- Semester credit hours required: 120.
- The U.S. Bureau of Labor Statistics reports that there were 806,400 management-level analyst jobs in 2016, and the estimated growth rate for this job market is 14% through 2026.
- This degree expands on the current Business Analytics Track under the BBA in Management Science program.
- Enrollment projections:

	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
FTSE	20	35	50	75	110

- Resources: many of the courses that are currently offered for a related certificate program can be utilized for the new degree program.
- Dependency on courses (other than core courses) outside the college: none.

2. BA in Environmental Studies

Proposed by the Department of Environmental Science and Ecology in College of Sciences.

UCC Recommendation		
Yes	No	Abstain
5	0	0

- This degree will reinforce the crucial role of interdisciplinary approaches in environmental problem solving by emphasizing the sociocultural, historical, ethical, economic, and political dimensions of complex environmental issues.
- Semester credit hours required: 120.
- The proposal lists several job opportunities with more than a million jobs for graduates with this specialization.
- Complements the currently offered B.S. in Environmental Science degree by the same department.
- Enrollment projections:

Year	1	2	3	4	5
FTSE	30	60	120	150	180

- Resources: only one new course need to be added.
- Dependency on courses (other than core courses) outside the college: courses from College of Business (Economics), COLFA (Anthropology, Communication, English, History, Sociology, and Political Science and Geography), and COPP (Public Administration) will need to be taken by students in this degree program.

3. Certificate in Industrial and Manufacturing Engineering

Proposed by the Department of Mechanical Engineering in College of Engineering.

UCC Recommendation		
Yes	No	Abstain
5	0	0

- This certificate is designed to prepare degree seeking students or degree holders in mechanical engineering or related fields with the fundamental engineering knowledge necessary for successful careers in the manufacturing industry.
- Credit hour requirements: 15 hours; one required course and four elective courses from a selected list of courses.
- Overall 20% of total U.S. employment is attributed to direct and indirect manufacturing workforce. This certificate program is designed to provide mechanical engineering students a competitive advantage when applying for manufacturing jobs and securing initial employment.
- The certificate program overlaps with the current B.S. in Mechanical Engineering degree program and provides the students in the bachelor’s program the opportunity to pursue this specialization.
- Enrollment projections:

Year	1	2	3	4	5
FTSE	22	23	24	25	26

- Resources: Existing classes, technology, and resources will support this certificates delivery. However, the department will need additional faculty in the manufacturing area to routinely offer the electives in the frequent manner.
- Dependency on courses (other than core courses) outside the college: none.

4. Undergraduate Certificate in Healthcare Interpreting (Spanish/English)

Proposed by the Department of Modern Languages and Literatures in College of Liberal and Fine Arts.

UCC Recommendation		
Yes	No	Abstain
4	0	1

- This certificate focuses on basic concepts in translation and interpreting studies, Spanish-language training for healthcare contexts, and the theory and practice of medical interpreting.
- Credit hour requirements: 15 credit hours.
- The employment of interpreters and translators is projected to grow 18 percent from 2016 to 2026, according the Bureau of Labor Statistics.
- This certificate program is expected to act as an incubator for the existing Graduate Certificate in Translation and Interpreting Studies, helping to boost enrollment numbers in that program. This certificate would offer the students majoring in Modern Language Studies or in Spanish an attractive complement to their current course of study.
- Enrollment projections:

Year	1	2	3	4	5
FTSE	5	10	15	20	25

- Resources: The existing courses in the department and three new courses in Spanish and Translation and Interpreting Studies, which have been approved as electives for existing programs, will be used to meet the certificate requirements.
- Dependency on courses (other than core courses) outside the college: none.

5. Minor in Translation and Interpreting Studies

Proposed by the Department of Modern Languages and Literatures in College of Liberal and Fine Arts.

UCC Recommendation		
Yes	No	Abstain
5	0	0

- The minor is designed to provide students with an opportunity to develop awareness of both the theory and the practice of language mediation in various settings, including healthcare and legal settings.
- Credit hour requirements: 18 semester credit hours from selected lists of courses.
- The employment of interpreters and translators is projected to grow 18 percent from 2016 to 2026, according the Bureau of Labor Statistics.
- The propose minor is expected to act as an incubator for the existing Graduate Certificate in Translation and Interpreting Studies, helping to boost enrollment numbers in that program. This minor would offer the students majoring in Modern Language Studies or in Spanish an attractive complement to their current course of study.
- Enrollment projections:

Year	1	2	3	4	5
FTSE	5	8	12	15	20

- Resources: The existing courses in the department and five new courses in Spanish, Linguistics, and Translation and Interpreting Studies, which have been approved as electives for existing programs, will be used to meet the minor requirements.
- Dependency on courses (other than core courses) outside the college: none.