



USF St. Petersburg Faculty Senate Committee: General Education: Meetings USF St. Petersburg Faculty Senate Committee: General Education

12-12-2014

General Education Committee Meeting : 2014 : 12 : 12

General Education Committee

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GENERAL EDUCATION COMMITTEE

Agenda

Minutes of meeting held Friday 12 December 2014

12:00 – 2:00PM

General Education Committee Meeting:

Members: Morgan Gresham (Chair)
 Kathy Carvalho-Knighton (Arts and Sciences)
 Anthony Stamatoplos (Library)
 David John (Arts and Sciences)
 Adrian O'Connor (Arts and Sciences)
 Rick Smith (Business)
 Hugh LaFollette (Arts and Sciences)
 Deanna Michael (Education)
 Paul Wang (Arts and Sciences)

Invited Guest: Cynthia Collins

Attachments Included:

- GEC Meeting Minutes
14 November 2014
- QMB 2100 Application
- Gen Ed Course List
Document

Meeting Agenda

1. Approve Minutes from 14 November 2014 Meeting
2. Review QMB 2100 Application (Economic and Business Statistics I)
3. Set application deadline for next round of USFSP-specific course applications
4. Update the General Education course list with all approvals
5. Reminder about assessments
 - a. Assessments are due 16 December 2014

GENERAL EDUCATION COMMITTEE

Agenda

Minutes of meeting held Friday 14 November 2014

12:00 – 2:00PM

General Education Committee Meeting:

In attendance: Morgan Gresham (Chair)
Kathy Carvalho-Knighton (Arts and Sciences)
Anthony Stamatoplos (Library)
David John (Arts and Sciences)
Adrian O'Connor (Arts and Sciences)
Rick Smith (Business)

Absent with
Apologies: Hugh LaFollette (Arts and Sciences)
Deanna Michael (Education)
Paul Wang (Arts and Sciences)

12:00 PM – Review of minutes from previous meeting (17 October 2014). Minutes approved by majority vote.

12:05 PM – Old-New Gen Ed Crosswalk

- Updated table on anticipated needs of each GE course area was presented.
- Morgan indicated course offerings would allow students enrolled the last two or three years to meet GE requirements.
- Morgan also indicated that discussions are taking place about the protocol for fulfilling GE requirements across the USF system.
- There was a discussion about the timing of when new GE courses will be recognized by the state (i.e. in Tallahassee) and how that might affect course offerings in the fall 2015 semester and the formal instruction given to department chairs by the GEC in October.

12:25 PM – UGC Council Update

- Proposed courses to the GE curriculum (PHI 2630 and CPO 2002) were reviewed and found needing revision in the syllabi to include standard language required of all syllabi.
- Other GE course proposals (for EVR 2217, WHO 2030, and MMC 3602) will be reviewed at next UGC meeting, tentatively scheduled for late November.
- Adrian O'Connor recommended all proposals (whether already reviewed or waiting review by UGC) have the necessary changes to the syllabi prior to the next UGC meeting.
- There was a discussion about the need for GEC staff (e.g. student assistant, Liz Southard) to have access to the GE email account when formally corresponding with faculty and others on behalf of the GEC. Morgan indicated she will talk with Jeff Reisberg to address the issue.

12:55 PM – New USFSP GE Course Applications (ARH 2050 and QMB 2100)

- Committee discussed the proposals for these courses, each seeking recertification for GE curriculum.
- ARH 2050 was unanimously approved.
- QMB 2100 was tabled until next meeting in order to allow input from absent members.

GENERAL EDUCATION COMMITTEE
Agenda

1:55 PM – meeting adjourned.

Next Meeting: 12/12/14, 12 – 2 p.m.



Undergraduate and General Education Course Application Form

Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

Instructions:

Department Chairs should submit to the Dean of their College the following materials:

- a signed copy of this completed form
- a sample syllabus a hard copy and an electronic copy to appropriate committees
- a revised copy of all the USFSP Catalog text related to the proposed course

Once the course application is submitted to the Dean it will proceed through 1 of the 2 following routes:

1. **New* and Changed Undergraduate Courses that are NOT General Education Courses**
 - will NOT go to the General Education Committee (GEC) and will NOT require the GEC recommendation to move forward or the GEC chair signature.
 - Non-GE courses WILL proceed from the Dean directly to the either the CAS APC, COB UCC, or COE CPC committee for approval and chair signature.
 - The application will then proceed to the USFSP Undergraduate Council and the USFSP Regional Vice Chancellor of Academic Affairs for approval and signatures.
 - Finally, this application will go to the USFSP Registration and Records office.
2. **New* and Changed Undergraduate General Education Courses will proceed directly from the Dean to the General Education Committee (GEC)**
 - New* GE courses and any courses being proposed as GE courses that currently exist in the USFSP Catalogue as non-GE courses will be reviewed by the GE committee, the relevant College Committee, and the Undergraduate Council.
 - The General Education Committee will first indicate on this application whether to forward the application or not. If forwarding is recommended the application will proceed directly to the either the CAS APC, COB UCC, or COE CPC committee for approval and chair signature.
 - The application will then proceed to the USFSP Undergraduate Council and then return to the GEC for final approval and chair signature.
 - The application will then be forwarded to the USFSP Regional Vice Chancellor of Academic Affairs for approval and signature.
 - Finally, this application will go to the USFSP Registration and Records office.



Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

* Note that New courses refer to all courses not listed currently in the USFSP Catalogue. All previously taught courses that are being submitted on this application with a new Course prefix, number, and title will be considered new courses.

APPROVAL SIGNATURES

Department/Discipline Approval

Department/Discipline Name Economics

Discipline/program chair signature acceptable only in the absence of a Department chair

Chair/Coordinator's Signature [Signature] date 11/12/2014

Chair/Coordinator's email cartert@usfsp.edu Phone # 873- 4893

Name of individual proposing course Tom Carter email cartert@usfsp.edu Phone # 873- 4893

College Dean Approval

Circle one College of Arts and Sciences [] Business [x] Education []

Dean's Signature [Signature] date 11-12-2014

Budgetary Accessory Account # (from Dean):

General Education Committee Recommendation (only for GE courses)

Committee recommends forwarding the application date

College Committee Approval

Circle one CAS APC [] COB UCC [] COE CPC []

Chair's Signature date

USFSP Undergraduate Council Approval

Chair's Signature date

General Education Committee Approval (only for GE courses)

Chair's Signature date

USFSP Regional Vice Chancellor of Academic Affairs Approval

Signature date

USFSP Registration and Records Office



Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

COURSE INFORMATION

Select either GEC or NGECE then only boxes under that Category that apply:

General Education Course **Non-General Education Course**

Currently Listed SCNS Course Yes No Currently Listed SCNS Course Yes No

Currently Listed as USF Course Yes No Currently Listed as USF Course Yes No

Currently Listed as USFSP Course Yes No Currently Listed as USFSP Course Yes No

New USFSP GE Course Yes No Change in a current USFSP Course Yes No

GE Course Type: State Mandated Core (SMC)
USFSP Specific Course (USC)

GE Subject Area or Liberal Arts requirement:

Communication Humanities
Mathematics Natural Sciences
Social Sciences

Exit Major works and Major Issues
Exit Literature and Writing (Gordon Rule)
Gordon Rule Writing
Gordon Rule Computation

Currently Listed SCNS Course Yes No

Currently Listed as USF Course Yes No

Currently Listed as USFSP Course Yes No

Change in a current USFSP Course Yes No

All Courses:

Taught under Previous name and number QMB 2100

Previous Enrollment ¹⁸⁵ Eliminate this previous course in catalogue Yes No

How often is it expected that the course will be offered: Every semester

Proposed number of sections: fall² spring² summer¹ Expected Enrollment ¹⁸⁵

Minimum qualifications of instructor A master's or professional degree and 18 graduate credit hours in the appropriate discipline

Required for (circle one) : Major Minor Neither Major/Minor title COB business core

Credit hours: ³ Semester Contact Hours: Fixed Hours or Variable Hours range

Section Type (select one): Class Lecture Laboratory

Delivery Method (select one): Face-to-face Online Both

Is course necessary for accreditation or certification Yes No

Prerequisites: None Yes MAC 1105

Co-requisites: None Yes

Permit Required: No Yes Registration Restrictions: No Yes

If Yes, indicate appropriate include/exclude variables beside each applicable restriction category:

	Include Original	Exclude Original	Include Change/New	Exclude Change/New
College (AP, BP, EP, SP)				
Major				
Class (FR, SO, JR, SR)				
Level (Undergrad, Grad, Non-degree)				
Campus (SP, SM, T, L)				

(e.g. Include all AP College Code—only gives access to CAS majors. Questions: Contact Registrar 873-4143)



Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

ALL COURSES MUST COMPLETE THE FOLLOWING QUESTIONS pp. 4-5:

State Course Profile Description for all currently existing courses (see following website:
http://scns.fldoe.org/scns/public/pb_index.jsp)

1. DESCRIPTIVE STATISTICS 2. PROBABILITY THEORY 3. STATISTICAL INFERENCE 4.
STATISTICAL RESEARCH METHODS 5. APPLICATIONS * CREDITS: 2-4 SEMESTER HOURS

New Course title (must be no more than 30 characters for USFT/SCNS standards)

USF/USFSP Course Description: (contact Director of Academic Affairs: Cynthia Collins for clarification on
campus ownership of course)

Description must be no more than 255 characters.

New Changed (provide original and new description) Currently in USFSP Catalogue

PR: MAC 1105. Data description; exploratory data analysis; introduction to probability; binomial and normal distributions; sampling distributions; estimation with confidence intervals; tests of hypotheses; control charts for quality improvement.



Undergraduate and General Education Course Application Form

Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

What specific knowledge does this course offer that is not covered by courses currently listed? And how will it strengthen the associated program?

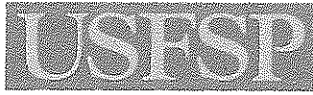
Undergraduate [] General Education [x] Liberal Arts Requirement []

QMB 2100 covers many of the same topics as STA 2023, but there are important differences, as one can see from the syllabi. One is that QMB 2100 covers Statistical Process Control, which involves using statistical methods in quality control (or process control). X-bar and R charting is part of the general topic. Although Statistical Process Control was originally used exclusively in manufacturing, it now has more general applications, including health care. QMB 2100 also differs in emphasis, focusing much more on business applications. From the syllabus, STA 2023 covers chi-square and F distributions. QMB 2100 does not; those topics are left for QMB 3200, a required course for all business and economics majors. Given that QMB 2100 is similar to, but also has important difference with, STA 2023, its inclusion improves the General Education program by giving students, especially students with an interest in business or economics, the ability to tailor their program to their own needs. While not being specific to any one major, it expands the diversity of disciplines offered in the General Education program by being just the second General Education course from the COB.

Exclusion of QMB 2100 from the General Education program would require either redundant coursework by business and economics students, or require changes in the business program and changes in specific courses. Currently, QMB 2100 is a degree requirement for business majors as well as a prerequisite for QMB 3200, another requirement. Under these rules, if QMB 2100 is not a General Education course, business students can take, as required courses, two math classes (including College Algebra), QMB 2100, and QMB 3200, and still need one more course for their math GE requirement. This seems to run counter to the goal of streamlining courses to prevent excess hours, which have negative implications for both the student and the institution. The alternative is for the business faculty to change their program by removing QMB 2100 as a prerequisite and degree requirement. This would also necessitate changes in QMB 3200 to make it "fit" with STA 2023 (for example, adding Statistical Process Control to QMB 3200 where it is an inferior fit, and rearranging topics related to chi-squared and F distributions).

What effect would this course's inclusion have on the use of department/program resources? Please be specific regarding the ability to regularly offer and staff this course in a quality manner.

Because the course is already being offered in the same manner and capacity as in the future, there will be no impact on department or college resources. The course is currently offered by a mix of adjunct and permanent faculty.



Undergraduate and General Education Course Application Form

Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

If changes are being made to a course that already exists, please justify those changes and provide details concerning what the changes will be: Applicable Not Applicable

QMB 2100 is already offered as a General Education course at USFSP. The course will be modified to accommodate the new General Education SLOs. For example, SLOs M1 and M2 emphasize problem-solving skills, from determining the appropriate model and method (M1) to applying the same (M2). These, of course, are already covered to an extent in QMB 2100, but they will receive heavier emphasis in class and especially in homework and tests. Much of the new SLOs M3 and M4 were already part of QMB 2100 in that they were covered in the old SLOs, especially B1 and B2. But still, there are some differences and there will be a shift in emphasis as a result.

If changes are being made, what will be the student impact of the change?

The student will gain more experience in problem solving and have a better grasp of the material in the SLOs, especially M1 and M2.



**Undergraduate and General Education
Course Application Form**

Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

Answer the following only if this is a New State Course or a Changed Course: Applicable
Not Applicable

List Major Topics

List Student Learning Outcomes (Course SLOs NOT GE SLOs)

List Recommended Textbooks

Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

GENERAL EDUCATION COURSES ONLY pp. 8-9.

How will your course satisfy (a) the state mandated and (b) USFSP-specific Student Learning Outcomes? How will the course assignments demonstrate that students have met the SLOS. Be specific. Your course MUST demonstrate assessment of ALL state and ALL USFSP SLOs. (There may be some overlap in your answers).

GE State mandated SLO's

[insert subject area state-mandated SLO's here.]

M1. Students will determine appropriate mathematical and computational models and methods in problem solving, and demonstrate an understanding of mathematical concepts.

M2. Students will apply appropriate mathematical and computational methods in problem solving.

Much of the course is concerned with these issues. Determining appropriate models and methods, and using them correctly, will be emphasized heavily throughout, from basic probability to interval estimation to hypothesis testing. Many test and homework questions with this emphasis will present data within a one or two paragraph description of a problem. Lectures, tests, homework, and class discussion will be used to achieve these SLOs.

For assessment, multi-part questions on tests and/or homework will be used. The subject matter of the problems will change from term to term. Questions related to M1 might ask the student to determine which statistical test would be appropriate given a situation and a particular hypothesis. M2 might involve the actual performance of the test. The number of students scoring 70% or more on the question aligned with the specific SLO will be reported to reflect student achievement of the corresponding SLO.

GE USFSP amplification of the state-mandated SLOs

[insert subject area USFSP specific SLOs here]

M3. Students will demonstrate the ability to accurately calculate and solve arithmetic algebra, geometry, and statistical problems.

M4. Students will demonstrate the ability to represent, comprehend, and evaluate quantitative problems numerically, graphically, symbolically, in a tabular way and/or in a written argument.

These topics also receive significant emphasis in QMB 2100. M3 is emphasized throughout the course. For example, early in the term, means, variances, medians, and so forth are presented. Problems related to them are solved in various ways. Textbooks in common use have many examples of statistical data presented numerically, graphically, symbolically, in tables, and in written form. These various methods are also, of course, used in class, homework, and tests. Statistical process control, as presented in this course, leans toward numerical, graphical, and tabular presentations.

For assessment, multi-part questions on tests and/or homework will again be used. The subject matter of the problems will change from term to term. Questions related to M3 might, in part, ask students to determine means, medians, or variances. Questions related to M4 might ask students to put numerical data in graphical form, or interpret the data from a graph or table. The number of students scoring 70% or more on the question aligned with the specific SLO will be reported to reflect student achievement of the corresponding SLO.



Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

Philosophy of General Education

How would this course promote the aims of the General Education program? Please be specific in describing how this course would help students to develop the skills and attributes described in the excerpt from the Philosophy of the General Education program quoted below. If applicable, particular emphasis should be placed upon ways it might do so across General Education content fields and/or across academic disciplines.

“it instills and refines quantitative literacy and reading, understanding, reasoning, and communication skills, and it develops and strengthens essential intellectual virtues: curiosity, a healthy skepticism, intellectual honesty, the imagination to understand and fairly consider the perspectives of others, and the willingness and ability to constructively evaluate their own ideas and arguments. We further encourage faculty to incorporate, where appropriate, discussion of diverse cultural perspectives and significant ethical debates into their respective discipline’s general education courses.”

QMB 2100 enhances quantitative literacy, understanding, and reasoning. Basic statistics can be essential to the understanding of crucial issues. For example, understanding the difference between mean and median can yield a greater appreciation for issues such as income distribution. The knowledge of probabilities greatly contributes to rational decision making on issues ranging from insurance purchases to lottery participation. In addition, the unique component of QMB 2100, statistical process control, introduces students to methods of visually representing and understanding statistical measures (e.g., mean and variance).

Hypothesis testing, the ability to conceive, set up, execute, and especially, evaluate the results of a test, can be crucial in contributing to many of the qualities in the quotation above. If one can understand the results of hypothesis testing, one may be forced to reevaluate one's own ideas and arguments, when those appear to conflict with statistical results. Curiosity can be aroused as one seeks to understand what caused the result that seems to conflict. Likely, this would also involve greater understanding of the ideas of others. One would likely develop a healthy skepticism, especially of those who make assertions that conflict with statistical results.



Undergraduate and General Education Course Application Form

Course Prefix QMB Number 2100 and Title Economic and Business Statistics I

EXIT and Gordon Rule Courses are under the review of the General Education Committee

Exit Course : Major works and Major Issues Literature and Writing (Gordon Rule)

How will the course meet these objectives

Gordon Rule Course Circle one: Writing Computation

How will the course meet these objectives

Passing this course provides three credit hours toward the mathematics Gordon Rule requirements.
QMB 2100 is coursework beyond College Algebra, which itself is a prerequisite for QMB 2100.

QMB 2100 – 601
Business & Economic Statistics I
Fall 2015

INSTRUCTOR:
e-mail:
Phone:

Office:
Office Hours:
Classroom:

COURSE DESCRIPTION:

Data description; exploratory data analysis; introduction to probability; binomial and normal distributions; sampling distributions; estimation with confidence intervals; tests of hypotheses; control charts for quality improvement.

PREREQUISITE: College Algebra (MAC 1105)

OBJECTIVES: At the completion of this course you should be able to:

- 1) Understand the theory and application of probability (assigning probabilities, events and conditional probability).
- 2) Determine if a given problem is a discrete or continuous probability distribution and which specific distribution (binomial, poisson, normal, etc.) fits.
- 3) Develop the null and alternative hypothesis for one and two tailed hypothesis tests as well as manually calculating the appropriate answer.
- 4) Understand the basis for “statistical process control” and be able to develop X-bar and R charts.
- 5) Demonstrate the ability to place confidence intervals for population parameters.
- 6) Be able to make inferences about population variances.

TEXTBOOK:

Business Statistics: by Robert A. Donnelly, Plus MyStatLab -- Access Card Package

ISBN-10: 0132930439

ISBN-13: 9780132930437 ©2013 • Prentice Hall • with Access Card,

METHOD / COMPUTER REQUIREMENTS: This is a class lecture/discussion course or online class that uses Canvas , and is supported by the computer software MyStatLab.

GENERAL EDUCATION STUDENT LEARNING OBJECTIVES:

M1. Students will determine appropriate mathematical and computational models and methods in problem solving, and demonstrate an understanding of mathematical concepts.

Assessments: Test and homework questions

M2. Students will apply appropriate mathematical and computational methods in problem solving.

Assessments: Test and homework questions

M3. Students will demonstrate the ability to accurately calculate and solve arithmetic algebra, geometry, and statistical problems.

Assessments: Test and homework questions

M4. Students will demonstrate the ability to represent, comprehend, and evaluation quantitative problems numerically, graphically, symbolically, in a tabular way and/or in a written argument.

Assessments: Test and homework questions

BUSINESS PROGRAM LEARNING GOALS (Skills and Perspectives):

Program goals that are addressed in this course are listed below, with a 1 to 5 ranking ('1' meaning it is given light treatment and '5' being the highest degree of integration), with a brief explanation of how I will specifically address each skill during the semester.

Analytical and Critical Thinking Skills	Information Technology Skill	Ethical and Social Consciousness
5	3	2

BUSINESS PROGRAM LEARNING GOALS:

ANALYTICAL AND CRITICAL THINKING SKILLS

- Problem solving skills (from the “defining the problem” step to “implementation”)—test and homework questions
- Ability to evaluate, then choose, alternative strategies/courses of action, test questions
- Data analysis skills – test questions

INFORMATION TECHNOLOGY SKILLS

- Ability to use word processing, presentation, and spreadsheet software—(Most chapters), Test questions about Excel spreadsheet data, how to enter data, etc.

ETHICAL AND SOCIAL CONSCIOUSNESS

- Value systems – homework questions
- Personal conduct— homework questions

TESTING & GRADING POLICY:

All tests are multiple choice or subjective questions, and include definitions, theory, computations and interpretations.

The course has 3 parts for a total of 100 points.

Test 1	20 points	
Test 2	20 points	
Test 3	20 points	
Homework	20 points	From Mystatlab
Chapter post-tests	<u>20 points</u>	From Mystatlab
	100 points	

All homework and Chapter post-tests are to be done in Mystatlab.

Final letter grades will be determined based on the *total points earned* using the following scale:

A+: 100-97, A: 96-93, A-: 92-90, B+: 89-87, B: 86-83, B-: 82-80, C+: 79-77, C: 76-73, C-: 72-70, D+: 69-67, D: 66-63, D-: 62-60, F: 59 or less.

No extra credit or special individual grade needs will be considered in this course. Homework assignments and post-tests from Mystatlab are important and mandatory.

COURSE POLICIES:

HONOR SYSTEM: Under the USF Honor System, each student is expected to observe complete honesty in all academic matters. Violation of the Honor System will be referred to the Honor Council. Note: The following are violations of the Honor Code: Copying another student's homework, signing another student's name on the attendance roster, copying another group's disk or written work, using another student's computer disk to print out your assignment, copying another student's file onto your disk, and misrepresenting a reason for a missed exam. Punishment for academic dishonesty may result in an automatic "F" or "FF" in the course or action that may result in suspension or expulsion. See the USF Policy on Academic Dishonesty & Disruption of the Academic Process at <http://www.ugs.usf.edu/catalogs/0304/adadap.htm>

STUDENTS WITH DISABILITIES: Please notify your instructor by the second class meeting if you have a learning disability or require special assistance with this course. Confidential personal and learning assistance counseling are made available to students through the Division of Student Affairs. Contact R. Barry McDowell, St. Petersburg Campus: TER 200 (727) 873-4940, (mcdowell@stpt.usf.edu) for more information.

RELIGIOUS OBSERVANCES: Students who anticipate the necessity of being absent from class due to the observance of a major religious holiday must provide notice of the date(s) to the instructor, in writing, by the second class meeting.

COPYRIGHTS: Students who wish to audiotape lectures can do so with direct permission from the professor, but tapes and lectures may not be sold. No videos or photos can be taken in the classroom!

INCOMPLETE GRADES: An “I” grade may be given to an undergraduate student only when a small portion of the student’s work (normally 30% or less) is incomplete due to circumstances beyond the control of the student and only when a student is otherwise earning a passing grade. “I” grades are to be used only in emergency situations and cannot to be used as a means of avoiding a poor grade. Normally these are only for medical emergencies and require a signed letter from a medical professional that the student was prevented from attending class. The student must petition the professor before the week of final exams for a grade of “I” to be given.

GRADE FORGIVENESS: Grade forgiveness is limited to three USFSP courses with no more than one repeat per course. Accounting majors can use the forgiveness only once in upper level accounting courses.

WITHDRAWAL: No “W” grades can be obtained after the official drop or withdrawal date (indicate date for each semester). All students enrolled as of the withdrawal date (indicate date for each semester), will receive a letter grade of A, B+, B, C, C+, C, D+, D or F.

EMERGENCY PREPAREDNESS: In the event of an emergency, it may be necessary for USF to suspend normal operations. During this time, USF may opt to continue delivery of instruction through methods that include but are not limited to: Canvas, Elluminate, Skype, and email messaging and/or an alternate schedule. It is the responsibility of the student to monitor Blackboard site for each class for course specific communication, and the main USF, College, and department websites, emails, and MoBull messages for important general information.

BOMB THREAT OR OTHER DISRUPTION: All scheduled classes will be held in an alternate room in the case of a bomb scare, fire alarm or other disruption. Students will gather outside of the classroom building at a designated area in the parking lot so that an alternative room may be announced.

S/U GRADES: This course can be taken on an S/U basis.

PROFESSIONAL BEHAVIOR: Professional behavior is expected at all times. During class meetings, all cell phones, pagers, and electronic devices must be turned off or muted. Should an emergency situation arise where a call must be answered, quietly exit the room and conduct the call in the hallway. Disruptive behaviors will not be tolerated and includes excessive talking and repeatedly arriving/leaving early. A warning will be given for the first offense.

ATTENDANCE: Although attendance will be recorded, no direct influence will be placed on your final grade due to attendance. Missed material will be your responsibility to retrieve. It should be noted that it will be to your advantage to attend class regularly, since the bulk of the test material will be derived from classroom lectures

TIPS FOR SUCCESS AND GETTING HELP:

1. Read the text book sections before every class session.
2. Get to know and help each other.
3. Attempt your homework problems before seeking help
4. Self-test exercises are available in each chapter of the text

5. The Academic Success Center, located in DAV 107 is a resource center to get additional help. It is open Monday to Friday. Please check with the center for the opening times and type of assistance they provide.

6. Meet with your instructor outside of class. If the regular office hours are inconvenient, use e-mail or the time just before or after class to arrange an alternative meeting time.

TIME CONFLICTS WITH THE SCHEDULED FINAL EXAM TIME:

1. Students who normally work during the scheduled time of the final exam are expected to make arrangements with their employer to get time off.

2. Students who have another common final exam scheduled during this same time period will be permitted to take a makeup. You must submit proof that a conflict exists.

3. Students who miss the final exam for any other reason should *not* expect to be given a makeup exam.

*****Calendar: Subject to be modified as needed.*****

<u>Date</u>	<u>Chapter</u>	<u>Topic</u>	<u>Homework & Due date</u>
Aug.27	1	Introduction, Data and Statistics	Mystatlab: HW Ch 1 & Ch 1 post test Sep.1
Sep. 3	2	Displaying Descriptive Statistics:	Mystatlab: HW Ch 2 & Ch 2 post test Sep.8
Sep.10	3	Calculating Descriptive Statistics	Mystatlab: HW Ch 3 & Ch 3 post test Sep. 15
Sep.17	4	Introduction to Probability HW problems & Review	Mystatlab: HW Ch 4 & Ch 4 post test Sep.22
Sep.24	Ch. 1 - 4	(Chas. 1-4) Test # 1 (20 points) In class during class time	Sep.29 Oct. 1 ###
Oct. 1	Ch. 1 - 4		
Oct. 8	5	Discrete Probability Distribution	Mystatlab: HW Ch 5 & Ch 5 post test Oct. 13
Oct. 15	6	Continuous Probability Distribution	Mystatlab: HW Ch 6 & Ch 6 post test Oct. 20

Oct. 22	7	Sampling & Sampling Distribution	Mystatlab: HW Ch 7 & Ch 7 post test Oct. 27 Nov. 3
Oct 29	Ch. 5-7	HW problems & Review (Chas. 5-7)	
Nov.5	Chas. 5 - 7	Test # 2 (20 points) In class during class time	Nov. 5 ###
Nov.12	8	Confidence Intervals	Mystatlab: HW Ch 8 & Ch 8 post test Nov. 17
Nov.19	9	Hypothesis Testing for a Single Population	Mystatlab: HW Ch 9 & Ch 9 post test Nov. 24
Nov.26	10	Hypothesis Testing Comparing Two Populations	Mystatlab: HW Ch 10 & Ch 10 post test Dec 1
Dec. 3		No class	
Dec.10	Chas. 8-10	Test # 3 (20 points) In class during class time	Dec. 10 ###

All homework and Chapter post-tests are to be done in Mystatlab.

**USF - UNIVERSITY OF SOUTH
FLORIDA
QMB 2100 - ECONOMIC & BUSINESS
STATISTICS I**


[Browse Institution
Courses](#) 

Institution Course	
Discipline	111 QUANTITATIVE METHODS IN BUSINESS
Prefix	QMB
Level	2
Statewide Course	<u>QMB 100</u> - BASIC BUSINESS STATISTICS
Lab Code	
Honors Course	NO
Add Date	
Effective Date	06/14/2004
Discontinue Date	
Date SCNS Approved	06/17/2004
Term Type	SEMESTER
Course Credits	3.0
Type of Credit	COLLEGE CREDIT
Clock Hours	
Course Status	ACTIVE
General Education Requirements	‣ Mathematics
Gordon Rule	YES
Gordon Rule Writing	NO
Degree Type	‣ Baccalaureate
Prerequisites	MAC 1105
Corequisites	NONE
Course Description	DATA DESCRIPTION; EXPLORATORY DATA ANALYSIS; INTRODUCTION TO PROBABILITY; BINOMIAL AND NORMAL DISTRIBUTIONS; SAMPLING DISTRIBUTIONS; ESTIMATION WITH CONFIDENCE INTERVALS; TESTS OF HYPOTHESES; CONTROL CHARTS FOR QUALITY IMPROVEMENT.
Objectives/Learning Outcome(s)/Major Topics	THE OBJECTIVE IS TO BUILD A STRONG STATISTICAL FOUNDATION. THE EMPHASIS WILL BE UPON STATISTICAL PROCEDURES APPLIED IN A BUSINESS ENVIRONMENT. A THOROUGH UNDERSTANDING OF THE METHODS AND CONCEPTS WILL BE STRESSED.

Textbook(s)	NONE
Transfer Status	GUARANTEED TRANSFER TO INSTITUTION OFFERING SAME COURSE.
Transaction Type	CHANGE

QMB 100 - BASIC BUSINESS STATISTICS

[Institutions](#) [Statewide Course Detail](#)

[Locate Statewide Course](#) 

Statewide Course Detail

Discipline	111
Discipline Title	QUANTITATIVE METHODS IN BUSINESS
Discipline Definition	NONE
Prefix	QMB
Prefix Title	QUANTITATIVE METHODS IN BUSINESS
Prefix Definition	COURSES WITH THIS PREFIX DEAL WITH THE APPLICATIONS OF MATHEMATICAL, STATISTICAL, AND RESEARCH CONCEPTS TO BUSINESS, ECONOMICS, FINANCE, AND MANAGEMENT PROBLEMS. COURSES INCLUDE STATISTICAL APPLICATIONS IN BUSINESS; ECONOMETRICS; BUSINESS RESEARCH; OPERATIONS RESEARCH; MANAGEMENT SCIENCE; AND MATHEMATICAL PROGRAMMING FOR RESEARCH.
Century	100-199
Century Title	BASIC BUSINESS STATISTICS
Decade	100-109
Decade Title	BASIC BUSINESS STATISTICS
Statewide Course	100
Statewide Course Title	BASIC BUSINESS STATISTICS
Status	ACTIVE
Transfer	GUARANTEED TRANSFER TO INSTITUTION OFFERING SAME COURSE.
Course Intent	LOWER
Prerequisites	NONE
Corequisites	NONE
Profile Description	1. DESCRIPTIVE STATISTICS 2. PROBABILITY THEORY 3. STATISTICAL INFERENCE 4. STATISTICAL RESEARCH METHODS 5. APPLICATIONS * CREDITS: 2-4 SEMESTER HOURS

DRAFT USFSP Course List for 2015 Program
General Education Faculty Committee

Underlined needs SCNS approval prior to our offering it

BOLD Needs further USFSP approval by APC, UGC, then SCNS (We may teach it, but it lacks GE standing/GE standing in the particular subject area in most cases.)

State Statute 1007.25(3) requires *Starting in the Fall Term, 2015, and thereafter, prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students at a Florida College System institution must complete at least one course in each of the general education subject areas. The remainder of the 36-hour general education requirement is at the discretion of the postsecondary institution.*

GE committee approved students to take 1 course in each subject area for USFSP (15 hours) on Friday, 17 October 2014.

**COMMUNICATION
STATE**

USFSP

ENC 1101 English Composition I (recertified)

ENC 1102 English Composition II (certified)

MMC 3602 Mass Comm & Society (sent to VCAA 5/8/14)(approved APC 10/5/14)

11/25/14- UGC tabled the application and requested the applicant attend their next meeting for clarification

FIL 2XXX International Cinema (application withdrawn by Society, Culture, and Language Department since FIL 2XXX course is listed in the State database as a MMC course; SCL will revise and resubmit)

HUMANITIES

ARH 2000 Art Appreciation-TAMP **Effective date 3/1/2014; SCNS Approval 9/30/2014** (certified)

ARH 2051 History of Visual Arts II (recertified)

ARH 2050 History of Visual Arts I (approved GEC 11/14/14)

HUM 1020 Intro. to Humanities (recertified)

PHI 2630 Contemp Moral Issues-TAMPA (approved APC 10/5/14)(UGC approved 11/25/14)

LIT 2000 Intro. to Literature (recertified)

WOH 2030 World History since 1815 (approved APC 10/5/14)(UGC approved 11/25/14)

MUL 2010 Music Appreciation-SAR-- **Effective Date 3/1/2014; SCNS Approval 9/30/2014** (new)

THE 2000 Theater Appreciation-SAR **SCNS approved 3/1/2014; SCNS Approval 5/23/2014; Gordon rule** (certified)

PHI 2010 Introduction to Philosophy (GEC Approved)(APC Approved)(UGC Approved 11/25/14)

MATHEMATICS

MAC 1105 College Algebra (recertified)

MAC 2311 Calculus I (recertified)

MGF 1106 Liberal Arts Math I (recertified)

MGF 1107 Liberal Arts Math II (recertified)

STA 2023 Statistical Methods (recertified)

DRAFT USFSP Course List for 2015 Program
General Education Faculty Committee

**NATURAL SCIENCES
STATE**

USFSP

BSC 1005 General Biology
BSC 2010 General Biology (recertified)
BSC 2085 Anatomy and Physiology I sent to VCAA 5/22/14

ANT 2511 Biological Anthropology (recertified)

GEO 2000 Intro Physical Geography (recertified)
EVR 2217 Energy, Enviro & Sustain (approved APC 10/05/14)(UGC Revisions requested 11/25/14)

CHM 2020 Chemistry for Liberal Studies ST.PETE sent to VCAA 5/14/14
needs to go to SCNS; SCNS approval 10/21/2014;
Effective date 8/01/2014

CHM 2045 General Chemistry I (recertified)

ESC 2000 Intro Earth Science-TAMP sent to VCAA 5/22/14; SCNS Approval 10/2/2014
Effective date 8/1/2014

EVR 2001 Intro to Environmental Science STPETE sent to VCAA 5/14/14 needs to go to SCNS
Effective date 8/1/2014; SCNS Approval Date as 2/20/2006

PHY 2053 General Physics (recertified)

SOCIAL SCIENCES

AMH 2020 Intro. Survey Since 1877 (recertified)

ANT 2000 Intro. Anthropology (recertified)

ANT 2410 Cultural Anthropology (recertified)

CPO 2002 Intro to Comparative Politics (approved APC 10/5/14)(UGC Approved 11/25/14)

ECO 2013 Prin. Of Macroeconomics (recertified)

POS 2041 American Government-TAMPA- (GEC Approved 11/21/14)

PSY 2012 Intro. to Psychology (recertified)

SYG 2000 Principles of Sociology (recertified)

GEA 2000 World Geography (recertified)