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# The Faculty Senate of Liberty University

Moderator	Moderator Elect	Secretary	Past Moderator	Exec. Comm. At Large	Chaplain	Parliamentarian
<i>Ed Barker</i>	<i>Don Love</i>	<i>Gabriel Etzel</i>	<i>Ben Gutierrez</i>	<i>Dan Henrich Ed Martin</i>	<i>Dave Beck</i>	<i>Clay Peters</i>

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## Senate Agenda

**Thursday, April 26, 2007, 3:20, DH 1104**

Call to Order – *E. Barker*

Invocation – *D. Beck*

Administrative Comments – *B. Rist*

Presentation of Minutes – *G. Etzel*

Elections Committee – *H. Schoffstall*

Reports – For Information Only

Undergraduate Curriculum Committee

1. **CMIS 210 will no longer be offered, thus should be deleted from the catalog.**
2. **Prerequisite and title changes to EDUC, EDSP courses:**

**EDSP 363 *Learning and Behavior Problems* 2 hours**

Prerequisite: EDUC 220 or PSYC 345 (non licensure)

**EDSP 373 *Intervention for Students with Mental Retardation* 2 hours**

Prerequisite: EDUC 220 or PSYC 345 (non licensure)

**EDSP 413 *Instructional Adaptation for Special Education* 2 hours**

Prerequisite: EDUC 220 or PSYC 345 (non licensure) and EDSP 363 mild and moderate disabilities.

**EDSP 423 *Current Trends in Special Education* 2 hours**

Prerequisite: EDUC 220 or PSYC 345 (non licensure) and EDSP 363

**EDUC 126 *Computer Applications Practicum for Educators* 1 hour**

**EDUC 220 *Differentiated Teaching and Learning* (Elementary) 2 hours**

**EDUC 221 *Content Area Reading & Differentiated Teaching and Learning (Secondary)* 2 hours**

**EDUC 317 *Elementary Reading and Language Arts Practicum* 2 hours**

Prerequisite: EDUC 225/226, Admission to Teacher Licensure Program, To be taken concurrently with EDUC 318/319

**EDUC 322 *Teaching Elementary Social Sciences*** 2 hours  
Prerequisites: EDUC 317, 318, 319, 6 hours Social Science credit in General Education Requirement.

**EDUC 323 *Teaching Elementary Mathematics*** 2 hours  
Prerequisites: EDUC 317, 318, 319, MATH 117 and MATH 217 or MATH 131 and MATH 132

**EDUC 324 *Teaching Elementary Science*** 2 hours  
Prerequisites: EDUC 317, 318, 319, BIOL 101 or 102 and PHSC 210 or PHYS 101, one lab (BIOL 103 or 104 or PHYS 103 or PHSC 210).

**EDUC 411 *Elementary School Curriculum Practicum*** 2 hours  
Prerequisite: EDUC 317, 318, 319, 323; to be taken concurrently with EDUC 410.

**EDUC 412 *Middle School Curriculum and Instruction*** 2 hours  
Prerequisites: Admission to Teacher Licensure Program; EDUC 317, 318, 319, 322, 323, 324

**EDUC 415 *Diagnostic Measurement and Evaluation*** 2 hours  
Prerequisites: Admission to Teacher Licensure Program, EDUC 317, 318, 319, 323 To be taken concurrently with EDUC 416.

**EDUC 416 *Diagnostic Measurement and Evaluation Practicum*** 1 hour  
Prerequisites: Admission to Teacher Licensure Program. EDUC 317, 318, 319, 323. To be taken concurrently with EDUC 415.

**EDUC 420 *Secondary Teaching Methods Practicum*** 1 hour  
(Offered fall semester only)  
Prerequisite: To be taken concurrently with EDUC 419 Admission to Teacher Licensure Program, EDUC 235/236.

**EDUC 425 *Secondary Measurement and Evaluation*** 3 hours  
Prerequisite: Admission to Teacher Licensure Program, EDUC 235/236.

**EDUC 435 *Secondary Curriculum Fundamentals*** 2 hours  
Prerequisite: Admission to Teacher Licensure Program, EDUC 235/236. To be taken one semester prior to student teaching

**EDUC 436 *Secondary Curriculum Fundamentals Practicum*** 1 hour  
Prerequisite: Admission to Teacher Licensure Program, EDUC 235/236. To be taken concurrently with EDUC 435

**3. Prerequisite and title changes in CMIS program:**

**Change prerequisite requirement for CMIS 320 to allow Computer Science majors to take it as an upper level elective.**

Previous prerequisite: CMIS 210 and 211

New prerequisite: CMIS 211

**Change prerequisite requirement for CMIS 330 to allow Computer Science majors to take it as an upper level elective.**

Previous prerequisite: CMIS 210 and 211

New prerequisite: CMIS 211

**Change prerequisite requirement for CMIS 450.**

Previous prerequisite: CMIS 212 and Math 201

New prerequisite: CMIS 212 and CMIS 220.

**Change prerequisite requirement for CMIS 460**

Previous prerequisite: Senior status and CMIS201, CMIS351, ECNC213, and Math201

New prerequisite: Senior status, CMIS 220, CMIS351, and ECNC213.

**Change course name for CMIS 211 to “Application Programming” to better reflect the course contents.**

Previous prerequisite: CMIS 201

New prerequisite: CMIS 110

**Change name of CMIS 212 to “Object-Oriented Programming” to better reflect the course contents. Also, change its prerequisites to allow Computer Science majors to take it as an elective.**

Previous prerequisite: CSCI 110 and Math 121 or approval of instructor

New prerequisite: CMIS 211 or CSCI 111

**Change prerequisite requirement for CMIS 220**

Previous prerequisite: CMIS 201, Math 121, Math 201 or approval of instructor

New prerequisite: CMIS 110, Math 121

**Change prerequisite requirements for CMIS 310 to allow Computer Science majors to take it as an upper level elective.**

Previous prerequisite: CSCI 111, CMIS 211, CMIS 212, or approval of instructor

New prerequisite: CMIS 212

**Change course name for CMIS 312 to “Advanced Object-Oriented Programming” to better reflect the course contents.**

**Change course name for CMIS 211 to “Application Programming” to better reflect the course contents.**

Previous prerequisite: CMIS 201

New prerequisite: CMIS 110

**Change name of CMIS 212 to “Object-Oriented Programming” to better reflect the course contents. Also, change its prerequisites to allow Computer Science majors to take it as an elective.**

Previous prerequisite: CSCI 110 and Math 121 or approval of instructor

New prerequisite: CMIS 211 or CSCI 111

**Change prerequisite requirements for CMIS 310 due to the changes in #3 and to allow Computer Science majors to take it as an upper level elective.**

Previous prerequisite: CSCI 111, CMIS 211, CMIS 212, or approval of instructor

New prerequisite: CMIS 212

**Change course name for CMIS 312 to “Advanced Object-Oriented Programming” to better reflect the course contents.**

**Change prerequisite requirement for CMIS 320 to allow Computer Science majors to take it as an upper level elective.**

Previous prerequisite: CMIS 210 and 211

New prerequisite: CMIS 211

**Change prerequisite requirement for CMIS 330 to allow Computer Science majors to take it as an upper level elective.**

Previous prerequisite: CMIS 210 and 211

New prerequisite: CMIS 211 or CSCI 111

**Change prerequisite requirement for CMIS 450**

Previous prerequisite: CMIS 212 and Math 201

New prerequisite: CMIS 212 and CMIS 220.

**Change prerequisite requirement for CMIS 460.**

Previous prerequisite: Senior status and CMIS201, CMIS351, ECNC213, and Math201

New prerequisite: Senior status, CMIS 220, CMIS351, and ECNC213.

***Old Business***

**SB 1951 (Undergraduate Curriculum Committee)**

**Proposal for change in Chemistry minor**

The change in the Chemistry minor will include a new course: CHEM 221 Analytical Chemistry

**CHEM 221 Analytical Chemistry 4 cr**

An introduction to analytical chemistry. Evaluation of data, gravimetric and titrimetric analysis, and an introduction to instrumental methods. These include spectrophotometry, chromatography, and potentiometric methods. Prerequisite: CHEM 122

The minor will increase in requirements from 16 hours to 20 hours.

Current requirements;

CHEM 121 General Chemistry I 4 hr

CHEM 122 General Chemistry II 4 hr

CHEM 301 Organic Chemistry I 4 hr

CHEM 302 Organic Chemistry II 4 hr

Proposed requirements:

CHEM 121 General Chemistry I 4 hr

CHEM 122 General Chemistry II 4 hr

CHEM 301 Organic Chemistry I 4 hr

CHEM 302 Organic Chemistry II 4 hr

CHEM 221 Analytical Chemistry 4 hr

(2<sup>nd</sup> Read)

**SB 1952 (Undergraduate Curriculum Committee)**

**Proposal for a new course: AVIA**

**AVIA 250 Introduction to Space Flight 3 hr**

This course will provide the student a study of space carrier flight operations systems from the viewpoints of the ground based dispatcher, operations specialists, managers, and the cockpit flight crew. Topics include advanced flight planning, spacecraft performance and loading considerations, impact of weather conditions, and routing priorities.

(2<sup>nd</sup> Read)

**SB 1953** (*Undergraduate Curriculum Committee*)

**Proposal for a new course: AVIA**

**AVIA 350 Airline Operations 3 hr**

This course will provide the student a study of air carrier flight operations systems from the viewpoints of the ground-based dispatcher, operations specialists, managers, and the cockpit flight crew. Topics include advanced flight planning, aircraft performance and loading considerations, impact of weather conditions, and routing priorities. Prerequisite: AVIA 310, Advanced Flight Theory I

(2<sup>nd</sup> Read)

**SB 1954** (*Undergraduate Curriculum Committee*)

**Proposal for a new course: AVIA**

**AVIA 360 Corporate and Business Aviation 3 hr**

This course is a study of the scope and function of the corporate organizational structure and the specific relationships of the operations department with those of marketing, maintenance, and safety. A study of corporate issues including the industry in general, market structure, certification FAR Part 95 and 135 regulations, economic issues, mergers, corporate culture, and international topics will be included. From an operations perspective, topics include flight operations employment policies, domiciles, operating specifications, types of services provided, training, passenger consideration, decision making, communications, and pertinent FARs.

(2<sup>nd</sup> Read)

**SB 1955** (*Undergraduate Curriculum Committee*)

**Proposal for a new course: AVIA**

**AVIA 465 Human Factors and Crew Resource Management 3 hrs**

This course will provide the basic understanding of the human factors concepts including psychological and physiological limitations of humans operating in complex environments. It will also provide an in-depth study of Crew Resource Management, which involves having a complete understanding of the flight deck environment and the proper utilization of all resources available to the aviator.

Prerequisite: AVIA 310: Instrument Flight Theory

(2<sup>nd</sup> Read)

**SB 1956** (*Undergraduate Curriculum Committee*)

**Proposal of change in the specialization of Aviation: Commercial/Corporate Specialization**

Drop the following courses:

AVIA 410 Certified Flight Instruction, Ground 3 hr

AVIA 420 Certified Flight Instruction, Flight 1 hr

CMIS 201 Intermediate Microcomputer Apps 3 hr

Proposed addition of the following courses:

\*AVIA 350 Airline Operations 3 hr

\*AVIA 360 Corporate and Business Aviation 3 hr

\**new course*

(2<sup>nd</sup> Read)

**SB 1957** (*Undergraduate Curriculum Committee*)

**Proposal for changes in the specialization of Aviation: Military Specialization.**

Drop the following courses:

GEOG 200 Intro to Geography 3 hr

PHED 101 Physical Education 2 hr

Proposed addition of the following courses:

\*AVIA 250 Intro to Space Flight 3 hr

AVIA 430 Multi-Engine Theory 3 hr

AVIA 455 Turbine Engines and Jet Transports 3 hr

\**new course*

(2<sup>nd</sup> Read)

**SB 1958** (*Undergraduate Curriculum Committee*)

**Proposal for new course: HITW 460, History of the Atlantic World 1492- 1825**

**HITW 460 History of the Atlantic World 1492 – 1825 3 hr**

This course examines the social, cultural, political, and economic interactions of the Atlantic World from *circa* 1492 to *circa* 1825. HIUS 221 and HIEU 202 are strongly recommended before taking this course.

(2<sup>nd</sup> Read)

**SB 1959** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 380 Introduction to Intelligence 3 hr**

An upper division introduction to the field of intelligence and the Intelligence Community, and their interaction within the framework of the Department of Homeland Security.

(2<sup>nd</sup> Read)

**SB 1960** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 381 Intelligence Analysis 3 hr**

An upper division introductory course in the field of intelligence analysis to give students a basic understanding of what it takes to be an analyst within the Intelligence Community. The course looks at key intelligence failures and successes.

(2<sup>nd</sup> Read)

**SB 1961** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 382 History of Intelligence 3 hr**

Offered spring semester, even number years)

A study of intelligence from the earliest biblical times up through the modern period. The development of American intelligence is covered in detail.

(2<sup>nd</sup> Read)

**SB 1962** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 385/386 NDU/NIS Symposia I & II 3 hr**

Five-day seminar in Washington D.C. during which students attend the relevant symposium hosted by the National Defense University or attend the National Intelligence Symposium hosted by the Association of Former Intelligence Officers. Academic requirements include a major paper on one of the topics covered during the symposium. Prerequisites: GOVT 425 or GOVT 480 or an upper level intelligence course.

(2<sup>nd</sup> Read)

**SB 1963** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 483 Military Intelligence 3 hr**

An upper division introductory look at tactical military intelligence and the related military branch intelligence agencies as well as the Defense Intelligence Agency.

(2<sup>nd</sup> Read)

**SB 1964** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 484 Strategic Intelligence 3 hr**

An upper division introduction for the student to the concept of Strategic Intelligence, including the concept of *fourth generation warfare*, from the standpoint of the various intelligence agencies, the Department of State, and the Department of Defense.

(2<sup>nd</sup> Read)

**SB 1965** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 485/486 NDU/NIS Symposia III & IV 3 hr**

Five-day seminar in Washington D.C. during which students attend the relevant symposium hosted by the National Defense University or attend the National Intelligence Symposium hosted by the Association of Former Intelligence Officers. Academic requirements include a major paper on one of the topics covered during the symposium. Prerequisites: Upper division standing

(2<sup>nd</sup> Read)



**SB 1966** (*Undergraduate Curriculum Committee*)

**Proposal for new course in GOVT**

**GOVT 333 Post-Communist Politics 3 hr**

An examination of key issues of the transformation of the former Soviet Union and its East European allies. The impact of the communist system on current regimes is evaluated with an emphasis on the role of the party structure, religion, and the security apparatus.

(2<sup>nd</sup> Read)

**SB 1968** (*Undergraduate Curriculum Committee*)

**Proposal for new major: B.A. International Relations**

It is proposed that the new B.A. in International Relations have two specializations; International Politics and Policy and Strategic and Intelligence Studies.

**Present Government Degree Core (18 hours)**

GOVT 220 American Government  
GOVT 340 International Relations  
GOVT 345 Jurisprudence  
GOVT 349 Political Theory  
GOVT 350 Political Economy and Public Policy  
GOVT 425 American Foreign Policy

**Proposed International Relations Degree Core (24 hours)**

GOVT 210 Introduction to Political Science  
GOVT 220 American Government  
GOVT 340 International Relations  
GOVT 350 Political Economy and Public Policy  
GOVT 421 American Constitutional History  
GOVT 440 Political Geography  
GOVT 480 Terrorism  
GOVT 490 Political Theory (formerly GOVT 349) (or GOVT 302)

(2<sup>nd</sup> Read)

**SB 1969** (*Undergraduate Curriculum Committee*)

**Proposal for a new specialization in B.A. International Relations; International Politics and Policy**

**Proposed specialization in International Politics and Policy (21 hours)**

Required Courses:

GOVT 330 Comparative Politics  
GOVT 405 Political and Economic Development  
GOVT 425 American Foreign Policy  
GOVT 445 International Law

Students will choose at least one area studies course in GOVT, HIEU, HITW, or LANG from each of two or more areas, which include Latin America, Europe, the Middle East and North Africa, and Asia.

(2<sup>nd</sup> Read)

**SB 1970** (*Undergraduate Curriculum Committee*)

**Proposal for a new specialization in B.A. International Relations; Strategic Intelligence Studies**

**Proposed specialization in Strategic Intelligence Studies (21 hours)**

GOVT 380 Introduction to Intelligence

GOVT 381 Intelligence Analysis

GOVT 382 History of Intelligence

GOVT 483 Military Intelligence

GOVT 484 Strategic Intelligence

Any 2 of the following:

GOVT 385/386 NDU/NIS Symposia I and II

GOVT 485/486 NDU/NIS Symposia III and IV

(2<sup>nd</sup> Read)

**SB 1971** (*Undergraduate Curriculum Committee*)

**Proposal for Change in major: Athletic Training**

Delete the following courses from the major:

SMGT 400 Sports Psychology 3 hr

ATTR 401 Therapeutic Exercise Lab 1 hr

ATTR 311 Therapeutic Modalities Lab 1 hr

Add the following courses in the major: Athletic Training

**ATTR 402 Practical Applications in Therapeutic Exercise and Rehabilitation 3 hr**

In-depth study of theories and principles used to rehabilitate injuries to the physically active, as well as physiological and psychological factors affecting the rehabilitation function.

Prerequisites: ATTR 200, 210, 300, 302, 305, 310; BIOL 211, 212; PSYC 101

**ATTR 440 Senior Seminar in Athletic Training 2 hr**

A capstone course which will focus on reviewing the acquired knowledge and experiences of the athletic state licensure, continuing education, decision-making accountability and conflict management. The NATA professional code of practice and standards of practice will be reviewed. Preparation for the BOC certification will be included.

Prerequisites: ATTR 200, 210, 220, 221, 300, 302, 305, 310, 320, 321, 400, 402, The changes in the major and the new courses were approved as presented.

(2<sup>nd</sup> Read)

**SB 1972** (*Undergraduate Curriculum Committee*)

**Proposal for offering alternatives to PLED 421 and PLED 422.**

The School of Religion proposes that the following courses serve as optional alternatives for any female student required to fulfill PLED 421 and PLED 422.

CHMN 387 Methods of Teaching Bible and Religion for PLED 421, Homiletics I

CHMN 403 Professional Orientation of Women in Ministry for PLED, Homiletics II

(2<sup>nd</sup> Read)

**SB 1973** (*Undergraduate Curriculum Committee*)  
**Proposal for new major in B.S. in Youth Ministries**

**CURRENT SPECIALIZATION:**

Core:

<u>Course:</u>	<u>hrs.</u>
BIBL 350	3
BIBL 425	3
BIBL _____	3
CHHI 301 or 302	3
CCST 200	3
THEO 250	3
CHMN 201	3
YOUT 201	3

Specialization:      hrs.

PLED 350 or *CHMN 320	3
YOUT 301	3
YOUT 350	3
YOUT 403 or *CHMN 330	3
YOUT 447	3
YOUT 448	3
YOUT 460	3
YOUT 499	3-6

\*Women Only

**PROPOSED MAJOR:**

<u>Course</u>	<u>hrs.</u>
BIBL 324	3
BIBL 350	3
BIBL 424 or	
CHHI 301/302	3
BIBL 425	3
CHMN 201/	
ICST 461	3
CHMN 387	3
*PLED 350	3
THEO 250	3
YOUT 201	3
YOUT 202	3
YOUT 340	3
YOUT 350	3
YOUT 360/370	3
YOUT 447	3
YOUT 448	3
YOUT 450	3

YOUT 460	3
YOUT 470	3
YOUT 499	3-6

\*Female Students CHMN 330

Proposed new courses:

**YOUT 340 Current Issues in Youth Ministry 3 hr**

This course will engage students in a comprehensive examination of contemporary issues related to Youth Ministry. Areas of emphasis will include: behavioral issues among adolescents; current models and trends in youth ministry; vocational issues among youth ministers/workers; and technological resources that enhance ministry. Prerequisites: YOUT 201, YOUT 301

**YOUT 360 Camping Ministry 3 hr**

This course will investigate specific elements and issues that are building blocks for camping ministry. Element and issues to be addressed include: starting your own camp; programming; recreation; staffing; budgeting; legal issues; promotional methods; camp counseling; camping options; and management principles. The course includes a full day to Masters Inn, to experience a significant hands-on look and feel of the ministry of camping. Prerequisites: YOUT 201, YOUT 301

**YOUT 370 Managing the Christian Youth Organization 3 hr**

This course will examine key areas of leadership in managing Christian youth organizations. An initial look at the biblical basis for Christian youth organizations and the relationship to the local church will be presented. Once the biblical foundation has been established, pragmatic applications to effectively direct/manage a Christian youth organization will be examined.

(2<sup>nd</sup> Read)

*New Business*

**SB 1950** (*General Education Committee*)

**Approval of new General Education Course**

**BUSI 223 Personal Finance 3 credit hours**

Budgets, borrowing funds, stock ownership, savings, real estate as investments, and related tax matters are among the topics covered.

(1<sup>st</sup> Read)

**SB 1977** (*Undergraduate Curriculum Committee*)

**Proposal for a new major: Bachelor of Science in Biblical Studies**

**MAJOR: BIBLICAL STUDIES** (48 hours)

**CORE:** (33 hours)

BIBL	350	3
BIBL	372/373	3
BIBL	410	3
BIBL	424	3
BIBL	425	3

BIBL	380	3
BIBL Elective		6
CHHI	301 or 302	3
CCST	200	3
THEO	250	3

**SPECIALIZATIONS:**

**BIBLICAL INTERPRETATION (15 hours)**

BIBL	elective	3
BIBL (OT)		3
BIBL (NT)		3
BIBL	372/373/471	3
CHMN	387	3

**BIBLICAL LANGUAGES (15 hours)**

GREK	301	3
GREK	302	3
GREK	401	3
HBRW	201	3
HBRW	202	3

**GREEK (15 hours)**

GREK	201	3
GREK	202	3
GREK	301	3
GREK	302	3
GREK	401	3

(1<sup>st</sup> Read)

**SB 1978** (*Undergraduate Curriculum Committee*)

**Proposal for a new course**

**HIUS 341 American Political Parties to 1896 3 hr**

This course will focus on American politics from the earliest days of the republic until 1896. The course will explore the origin and development of American political parties, placing special emphasis on U.S. presidential elections. The course will also highlight the contributions of Christians in the American political process to 1896. Prerequisites: HIUS 221 or 222.

(1<sup>st</sup> Read)

**SB 1979** (*Undergraduate Curriculum Committee*)

**Proposal for a new course**

**HIUS 342 American Political Parties Since 1896 3 hr**

This course focus on American politics from the “critical election” of 1896 to the present. The course will explore the stages of party development in the United States since 1896, including examinations of the impact of television and the internet on campaigning. The course will also highlight the contributions of Christians in the American political process since 1896 and place special emphasis will be on U.S. presidential elections. Prerequisites: HIUS 221 or 222

(1<sup>st</sup> Read)

**SB 1980** (*Undergraduate Curriculum Committee*)

**Proposal for new course**

**GERM 101 Elementary German I                    3 hr**

This course is designed to teach the student to understand, speak, read, and write idiomatic German at the elementary level. Extensive aural/oral practice will occur in the classroom and in the language laboratory.

(1<sup>st</sup> Read)

**SB 1981** (*Undergraduate Curriculum Committee*)

**Proposal for changes in B.S. Web Technology and Design major:**

Delete CMIS 215 from the degree requirements.

Add the following courses:

CMIS 312

CMIS 351

+CMIS 340

+CMIS 345

CMIS 450

CSCI 111

+ *New courses*

Delete the following courses:

CMIS 424

CSCI 415

CSCI 112

Delete MATH 132 from Directed Electives

Electives will be reduced from 13 to 9 hours

Computer language requirements will be CSCI 111, CMIS 212 and CMIS 312

**MAJOR: WEB TECHNOLOGY & DESIGN** (33 hours)

<u>Course</u>	<u>Hrs.</u>	<u>sem. taken</u>	<u>grade</u>
CSCI 111	3	_____	_____
CMIS 212	3	_____	_____
CMIS 310	3	_____	_____
CMIS 312	3	_____	_____
CMIS 330	3	_____	_____
+CSCI 340	3	_____	_____
CSCI 375	3	_____	_____
CMIS 351	3	_____	_____
CMIS 450	3	_____	_____
CMIS 470	3	_____	_____
*CMIS ____	3	_____	_____

\*Choose between CMIS 410 and 430.

GRAPHIC DESIGN (15 hours)

VCAR 332	3	_____	_____
VCAR 341	3	_____	_____
VCAR 351	3	_____	_____
VCAR 371	3	_____	_____
*VCAR 4__	3	_____	_____

\*Choose between VCAR 472, VCAR 473 and VCAR 497 (When taught as 3D Graphics)

DIRECTED ELECTIVES: (10 hours)

VCAR 222	3	_____	_____
MATH 131	4	_____	_____
+CSCI 345	3	_____	_____
+ <i>new courses</i>			

New Courses:

**CSCI 345 UNIX                      3 hr**

This course introduces students to the usage and administration of the UNIX Operating System. The course will emphasize end-user tools and commands for basic file manipulation, editing, compilation and debugging, as well as, special features of the UNIX shell environment. Basic system administration will also be covered. Students will learn through a combination of traditional lectures, hand-on laboratory sessions, and individual assignments.

**CMIS 340 Information Security    3 hr**

This course introduces the basic issues and principles of information system security such as: security policies, their mechanisms of implementation, how attackers attempt to circumvent these protections, and specifically how to defend against these attackers.

(1<sup>st</sup> Read)

**SB 1982** (*Undergraduate Curriculum Committee*)

**Changes to the CMIS major**

**Cross-list CMIS 110 and CSCI 110**

CMIS 110 introduces students of three majors (Management Information Systems, Computer Science and Web Technology) to information technology industry, ethics in computing, web technology, management information systems and computer science.

**Replace CMIS 201 with CMIS 110,**

CMIS 110 is designed to cover materials in CMIS 201 plus introducing students to information technology industry, and build foundations for MIS, Computer Science and Web Tech studies.

**Replace CMIS 210 with CMIS 312.**

CMIS 210 is eliminated due to much overlap between CMIS 110 and CMIS 210, and with the added requirement of CMIS 110, we no longer need CMIS 210, therefore, we request to replace CMIS 210 with CMIS 312 (Advanced Java). This change will provide students the opportunity to obtain a solid foundation of object-oriented programming and problem-solving skills needed for IT professional. CMIS 312 also train students to be Sun Certified Professional.

**Add CMIS 220 (Enterprise Data Analysis I) as a CMIS major requirement.**

Business and industries are using Data Analysis to connect the critical organization outcomes, profit, growth, market penetration and competitive edge to controllable resource factors that drive organizational success. Data analysis methods provide ways for organizations to get the most value with the least resource and it's essential to include such study in CMIS curriculum.

Previous prerequisite: CMIS 201, Math 121, Math 201 or approval of instructor

New prerequisite: CMIS 110, Math 121

(1<sup>st</sup> Read)

**Prayer**

**Adjournment**