September 22, 2021 Academic Excellence and Student Success Committee

Board of Trustees
Live Oak Center | Virtual Option
Sep 22, 2021 10:00 AM - 11:30 AM EDT

Table of Contents

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021 | 10 a.m. – 11:30 a.m.
Live Oak Center

Meeting Link: https://ucf.zoom.us/j/95194078035?pwd=L0MzTmwzUGJIREVJTW9HSzNrOFIUQT09
Webinar ID: 951 9407 8035 – Passcode: 286051
Join by Phone: 1-301-715-8592 – Meeting ID: 951 9407 8035

AGENDA

1. Call to Order and Welcome

Beverly Seay, *Chair, Academic Excellence and Student Success Committee*

2. Roll Call

Gwen Ransom, *Executive Assistant*

3. Minutes of the June 16, 2021 meeting

Chair Seay

4. Reports

Chair Seay

DISC – 1

Provost Update
Michael D. Johnson, *Interim Provost and Vice President for Academic Affairs*

DISC – 2

Student Government President Report
Meg Hall, *Student Government President*

DISC – 3

Faculty Senate Chair Report
Joseph Harrington, *Faculty Senate Chair*

5. Action

Chair Seay

AESC – 1

2021 SUS Textbook and Instructional Materials Affordability Report
Timothy D. Letzring, *Senior Associate Provost for Academic Affairs*

6. Discussion

DISC – 4

Academic Programs Update
Timothy D. Letzring

DISC – 5

Accountability Plan Review
M. Paige Borden, *Associate Provost and Chief Analytics Officer Division of Analytics and Integrated Planning*

7. Information

INFO – 1

FY22 Workplan and Charter Review
Chair Seay

INFO – 2

Legislation Implementation Updates
Michael D. Johnson

8. New Business   Chair Seay

9. Adjournment   Chair Seay

Board of Trustees
Educational Programs Committee
June 16, 2021
Virtual Meeting
MINUTES

CALL TO ORDER
Trustee Alex Martins, chair of the Educational Programs Committee, called the meeting to order at 9:15 a.m. Committee members present were Trustees Meg Hall, Joseph Harrington, and Caryl McAlpin. Board of Trustees Chair Beverly Seay and Trustees Tiffany Altizer, Jeff Condello, Joseph Conte, John Miklos, and Michael Okaty also attended.

MEETING MINUTES
The Educational Programs Committee unanimously approved the meeting minutes of April 14, 2021.

REPORTS
Provost Update
In his provost update, Interim Provost Michael Johnson welcomed two new trustees to the Educational Programs Committee, Trustees Danny Gaekwad and Meg Hall.

Johnson provided details on other topics, including:

Campus Operations – Summer and Fall Plans
With the rapid expansion of vaccine access, the UCF campus will move toward more normal campus operations. The pandemic impact is reduced but with lingering impacts. Half of UCF's student body this fall will be new to the on-campus experience, which is unprecedented. This includes sophomores and transfer students. Summer A course schedules were remote primarily because they were finalized before vaccines were widely available. Summer B, the final summer session, begins June 28 with additional on-campus sections. The fall semester will look like a regular pre-pandemic class schedule.

Returning to normal operations includes the return to campus of faculty and staff who are still working remotely. Some remote work will continue where it makes sense in accordance with university policy.

Student Performance – Student Outcomes
Interim Provost Johnson compared measures of student success for spring 2019 with spring 2020 and 2021. He reminded the committee that spring 2020 outcomes experienced a unique boost resulting from UCF's decision at the onset of the pandemic to allow students to select Satisfactory/Unsatisfactory grading and offered a later withdrawal deadline. These temporary changes helped students pass courses and boosted average GPAs. These changes did not continue into the 2020-21 academic year. Student outcomes for spring 2021 were about the same as for the pre-pandemic spring 2019 semester.

Johnson said student credit hours grew 3.3 percent this spring over spring 2020. This year's summer enrollment is similar to last summer. Enrollment for this fall is currently down nearly 4 percent over the same time the previous year.

<u>Budget</u>
UCF did not suffer substantial cuts in state funding as previously anticipated. Potential state cuts had prevented UCF from making investments from a strategic recurring investment fund the president had created in 2020 by pulling 3 percent from colleges and 6 percent from administrative areas. UCF is now able to move ahead in making investments from the fund. A request for proposals will go out soon to invest in strategic areas selected through a competitive process.

The federal COVID relief funding has been very beneficial. UCF received three rounds of funding, with half going to student aid. Efforts continue in identifying the most effective ways for applying the remaining funds.

<u>State Legislation Highlights</u>
Johnson said several new laws are important to Florida's state universities. Most become effective July 1, 2021 or at the start of the fall semester. UCF has teams working to ensure compliance with all new laws, which include:
- Limits to cultural agreements and grants or gifts from a foreign country of concern; UCF will be reviewing 18 existing academic agreements and is also checking to ensure no issues exist with research grants.
- There are new requirements for screening foreign applicants for research-related positions, which includes students. The legislation is complicated and will be a challenge for all SUS institutions, primarily because affected applicants will need to be screened before interviews, rather than only screening people intended for hire. A task force is working on how UCF can best navigate the new law.
- A new intellectual freedom and diversity viewpoint bill allows students to record class lectures for their own use or in connection with a complaint about the teaching. Publishing the lecture without consent carries a stiff financial penalty for violators. The legislation also requires an annual survey for faculty, staff, and students on whether they feel free to express themselves on campus.

<u>College of Business Administration Update</u>
Johnson gave a brief update on public comments on instruction presented to the UCF Board of Trustees at its meeting on April 22, 2021.

After taking a close look at the College of Business Administration curriculum and teaching, the provost determined the college is doing an admirable job. Johnson said this is not to suggest the college is perfect, or that modifications are finished. The curriculum in all degree programs and how we teach them will change as a result of continuous improvement and as employer needs change.

<u>Academic Spotlight</u>
Johnson concluded his update with notable university achievements:
- The Cybersecurity team won its fourth national championship.
- The Computer Programming Team finished first in North America and 10th worldwide, qualifying for the finals of the 2021 Computing Machinery's International College Programming Contest to be held at UCF this summer.
- David Hagan has been appointed as the new dean of the College of Optics and Photonics.
- Dean searches continue for the College of Sciences and the University Libraries.
- Jeff Moore was reappointed to another five-year term as dean of the College of Arts and Humanities.

<u>NEW BUSINESS</u>

2

Tenure with Hire (EPC-1)
Interim Provost Johnson requested tenure with hire for two faculty members: Dr. Mona Shattell, who will serve as chair of the Department of Nursing Systems; and Dr. Mercedeh Khajavikhan, College of Optics and Photonics.

Trustee Harrington motioned to approve, and Trustee McAlpin seconded.

The committee unanimously approved Tenure with Hire.

Conferral of Degrees (EPC-2)
Johnson said UCF expects to award approximately 4,016 degrees this spring, including baccalaureate, master's, specialist, and doctoral degrees. Graduates have two options for graduation; the Grad Walk in Addition Financial Arena, August 4-6, or a traditional ceremony in the arena on August 7.

Trustee Harrington motioned to approve, and Trustee McAlpin seconded.

The committee unanimously approved the Conferral of Degrees.

New Degree Program Proposal – Masters in FinTech (EPC-3)
Interim Provost Johnson proposed the development of a new master's degree program in Financial Technology (FinTech). This program is the first master's degree in FinTech in Florida, and one of the first in the country. It is planned to begin in fall 2022.

Trustee McAlpin motioned to approve, and Trustee Harrington seconded.

The committee unanimously approved the New Degree Program Proposal – Masters in FinTech.

Amendment to University Regulation, UCF 2.003, Admissions of Graduate Students (INFO-1)
Presented by Interim Provost Johnson, this amendment would provide temporary flexibility on admissions processes during the last admission cycle in response to some of the challenges created by the COVID-19 pandemic.

This information item was considered for approval on the Governance Committee agenda.

ADJOURNMENT
Chair Martins adjourned the Educational Programs Committee meeting of June 16, 2021, at 9:54 a.m.

Reviewed by: _____   _____
　　　　　　　　Alex Martins   Date
　　　　　　　　Chair, Educational Programs Committee

Submitted by: _____   _____
　　　　　　　　Mike Kilbride   Date
　　　　　　　　 Associate Corporate Secretary

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021

DISC-1: Provost Update

☐ **Information**   ☒ **Discussion**   ☐ **Action**

Meeting Date for Upcoming Action: N/A

Purpose and Issues to be Considered:
Committee members will receive a back-to-campus fall update from Interim Provost Michael Johnson to include reports from Associate Vice President Gordon Chavis and Associate Provost and Chief Analytics Officer Paige Borden.

The presentation will include these topics regarding the academic enterprise:
- Fall operations and COVID-19
- Enrollment
- CARES/HEERF Funding to Students
- President's 2021-22 Strategic Investment Program
- *U.S. News & World Report* Rankings
- Dean Searches
- 2020 Make-up Commencement Day
- Academic Accolades

Background Information:
Courses switched to remote teaching after spring break in March, 2020, and remained largely remote through this summer. This fall we returned to a typical fall schedule, with most courses on campus and still with a substantial fraction online. This return is in alignment with guidance from the state of Florida and the State University System.

UCF sent messages on August 12 to faculty, staff and students emphasizing the university expects all members of its campus community who are able to get vaccinated, and that everyone is expected to wear masks indoors, in line with the latest CDC guidelines.

UCF will continue to strongly promote vaccines and masks – particularly among students – as vital steps to help protect the campus community.

Free vaccines and COVID tests are available for students and employees on campus as well as at some events. UCF continues to test wastewater to help track pandemic conditions and determine hotspots in the campus community, and increased cleaning and daily classroom disinfections will continue through fall.

Faculty scheduled to teach face-to-face classes will teach in person as usual in the classroom. In an August 19 message to faculty members, Johnson encouraged these faculty to consider several ways to help students who fall ill or spend time in isolation or quarantine and who temporarily won't be able to attend classes. Those include providing class notes or streaming or recording lectures.

The provost's update will include information about academics and the student experience at this point in the semester, efforts to increase vaccinations, and available data on COVID and vaccination rates.

Enrollment
UCF's enrollment rose unexpectedly in fall 2020 to almost 72,000 from a late surge of students, in part because of a decision to admit more to help offset an anticipated enrollment drop due to COVID. This year, we planned to eliminate last year's bump and achieve an enrollment closer to the 69,525 students of fall 2019. Preliminary projections just before the start of the fall 2021 semester suggested enrollment would likely settle at between 69,000 and 70,000 students. Freshman class statistics continue to be high, including preliminary indications of a record GPA of 4.22 and a record 107 National Merit Scholars.

The provost's update will include the latest enrollment statistics and trends.

CARES Act: Higher Education Emergency Relief Funds
UCF has received $314.4 million in CARES Act Higher Education Emergency Relief Funds (HEERF) over three rounds. The funds are meant to offset expenses and address disruptions created by the pandemic for both students and institutions, and they carry many restrictions and requirements.

Roughly half of each allocation must be used for student aid, with nearly 36,000 students helped during the first two rounds, covering housing, tuition, fees, travel, food, housing, healthcare, child care and other emergency needs. The provost's report will focus on recent use of relief funding to help students, including tuition and fee debt repayment and CARES-related emergency aid.

The President's 2021-22 Strategic Investment Program
The new President's Strategic Investment Program launched in July. It invites UCF faculty and staff to pitch project funding proposals to support President Cartwright's vision for UCF to become the world's leading public metropolitan research university.

The initiative will award up to $50 million this fiscal year to projects proposed by faculty and staff that can elevate UCF's academic excellence, student success, and impact. The funds resulted from a strategic reallocation.

The program features $30 million in central funds and up to $20 million in matches from colleges and units for projects of varying scope that are divided into three priority fund categories: Jump Start, Academic Excellence, and Student Success.

The provost's website details each fund and its specific goals, submission requirements, guidelines and time frames for using the money. Following a review process, Cartwright and Interim Provost Johnson will select projects based on their impact, return on investment, and alignment with the president's vision for UCF's future. The provost's report will summarize awards in the Jump Start category and proposals submitted by the September 10 deadline in the other two programs.

U.S. News & World Report Rankings
The university continually seeks to improve quality and to analyze rankings, such as those in higher education from *U.S. News & World Report*. We will describe UCF's performance in the magazine's 2021 Best Colleges rankings.

For insights on the methods for determining the rankings, see this *U.S. News and World Report explanation* for its 2021 Best College selections. See the complete list of UCF's rankings among 2021 Best Online Programs, 2022 Graduate School Rankings, and 2021 Best Global Universities.

Dean Searches
Updates will be provided on the searches for the dean of the College of Sciences and the founding dean of UCF Libraries. (See the job prospectus for the College of Sciences dean and the UCF Libraries dean.)

2020 Make-up Commencement Day
The one-day graduation ceremony for 2020 graduates will be Friday, November 5.

Recommended Action:
N/A

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
N/A

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Michael D. Johnson, Interim Provost and Vice President for Academic Affairs

Supporting Documentation:
N/A

Presenters:
Michael D. Johnson
Gordon D. Chavis, Jr., Associate Vice President, Enrollment Services
Paige Borden, Associate Provost and Chief Analytics Officer, Analytics and Integrated Planning

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021

DISC-2: Student Government President Report

☐ **Information**   ☒ **Discussion**   ☐ **Action**

Meeting Date for Upcoming Action: _____

Purpose and Issues to be Considered:
Trustee Meg Hall, Student Government President, will provide a report on Student Government's Executive Branch plans for academic year 2021-22, highlighting priorities in the areas of student affairs, academic affairs, athletics, diversity and inclusion, governmental affairs, safety and transportation, sustainability and innovation, and communications and outreach.

Background Information:
Student Government was chartered in 1969 to represent, advocate, and ultimately serve the Student Body. SG is responsible for a budget of over $20.7 million and is composed of three distinct branches - the Executive Branch, Legislative Branch, and Judicial Branch.

Student Government oversees 13 different Departments and Agencies and the allocation of Activity and Service fees. SG supports areas including the Student Union, the Recreation and Wellness Center, Student Legal Services, the Office of Student Involvement, and many more.

The Executive Branch serves students by hosting programs to educate and support students, representing the Student Body on University Committees, and implementing initiatives to create a positive student experience.

Platform highlights are summarized in Attachment B.

Recommended Action:
N/A

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
N/A

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

UNIVERSITY OF CENTRAL FLORIDA

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Meg Hall, Student Government President

Supporting Documentation:
Attachment A: UCF Student Government 2021-2022 Platform
Attachment B: UCF Student Government Strategic Plan

Presenter:
Meg Hall

UCF Student Government

2021 - 2022 Platform

STUDENT AFFAIRS

PRIORITIES
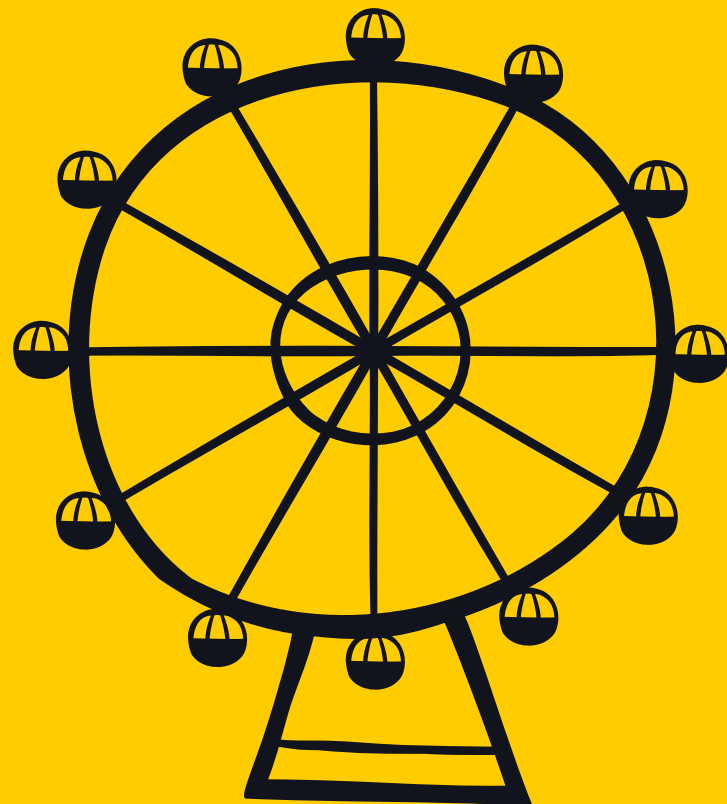
STUDENT AFFAIRS

01 Service Drives

02 Pegasus Penthouse

03 Hunger & Homelessness Coalition

04 Coke Freestyle

05 KnightFlix

06 Knightly Discounts

07 Food Trucks

08 Fallen Heroes Ceremony

ACADEMIC AFFAIRS

PRIORITIES

ACADEMIC AFFAIRS

01 TEDxUCF

02 24 Hour Library Pilot

03 Academic Archive

04 Graduation Photo Program

05 Kram for the Exam

06 Revamp MyUCF

ATHLETICS

PRIORITIES

ATHLETICS

01 Knightmare Council

02 Memory Mall Tailgates

03 Student Section Expansion

04 Away Game Watch Parties

05 Booster Events

06 Sports Club Collaboration

07 Intramural Engagement

DIVERSITY & INCLUSION

PRIORITIES
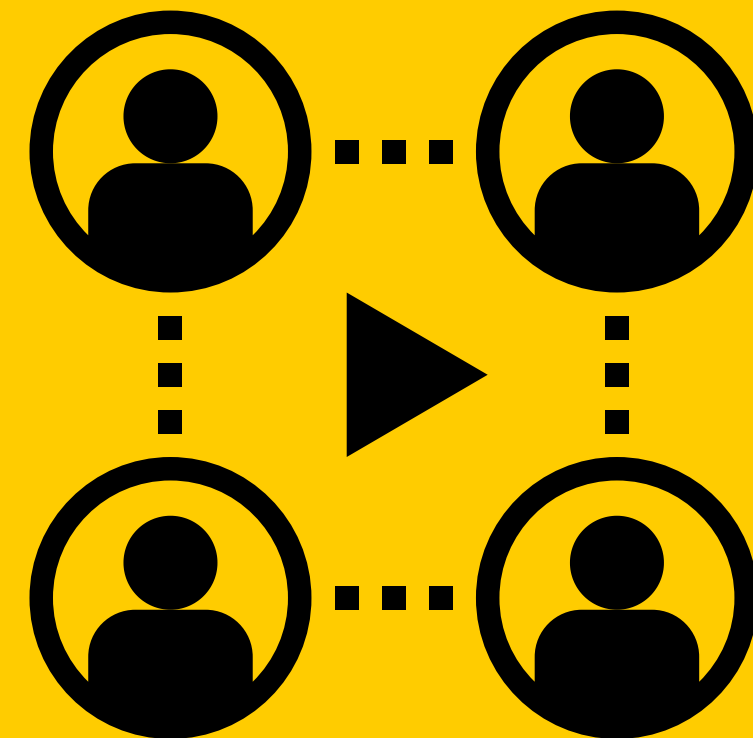
DIVERSITY & INCLUSION

01 **Interfaith Council**

02 **Food Options**

03 **Knight Knowledge**

04 **Organization Partnerships**

05 **LGBTQ+**

06 **PSAC Partnership**

07 **Committee Representation**

08 **Scholarships**

GOVERNMENTAL AFFAIRS

PRIORITIES

GOVERNMENTAL AFFAIRS

01 Day at the Capitol

02 Day at the County

03 Day at City Hall

04 Day at the Courthouse

05 UCF ID

06 Voter Registration Drives

07 FSA Relations

08 Governmental Affairs Workshop

SAFETY & TRANSPORTATION

PRIORITIES

SAFETY & TRANSPORTATION

01 KnightLife Safety Program

02 SPIN Scooter Safety Program

03 Lyft Codes

04 Bright Knights

05 Pedestrian Safety

06 UCFPD Collaborations

07 Parking

08 Security Cameras

SUSTAINABILITY & INNOVATION

PRIORITIES
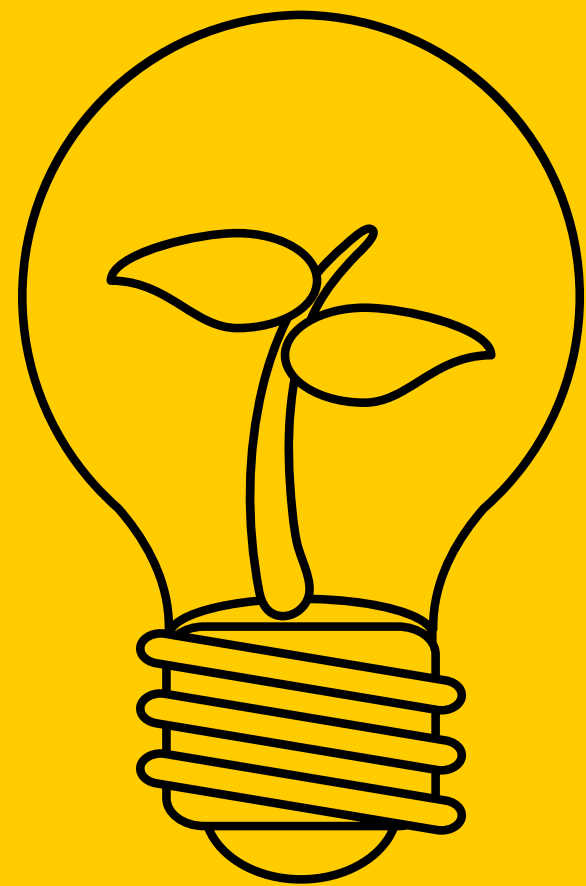
SUSTAINABILITY & INNOVATION

01 Green Initiative Fund

02 Hygiene Products

03 Climate Action Plan

04 Food Waste Diversion

05 Fallen Knights Garden

06 Residence Hall Gardens

07 Biodegradable Glitter

COMMUNICATIONS & OUTREACH

PRIORITIES
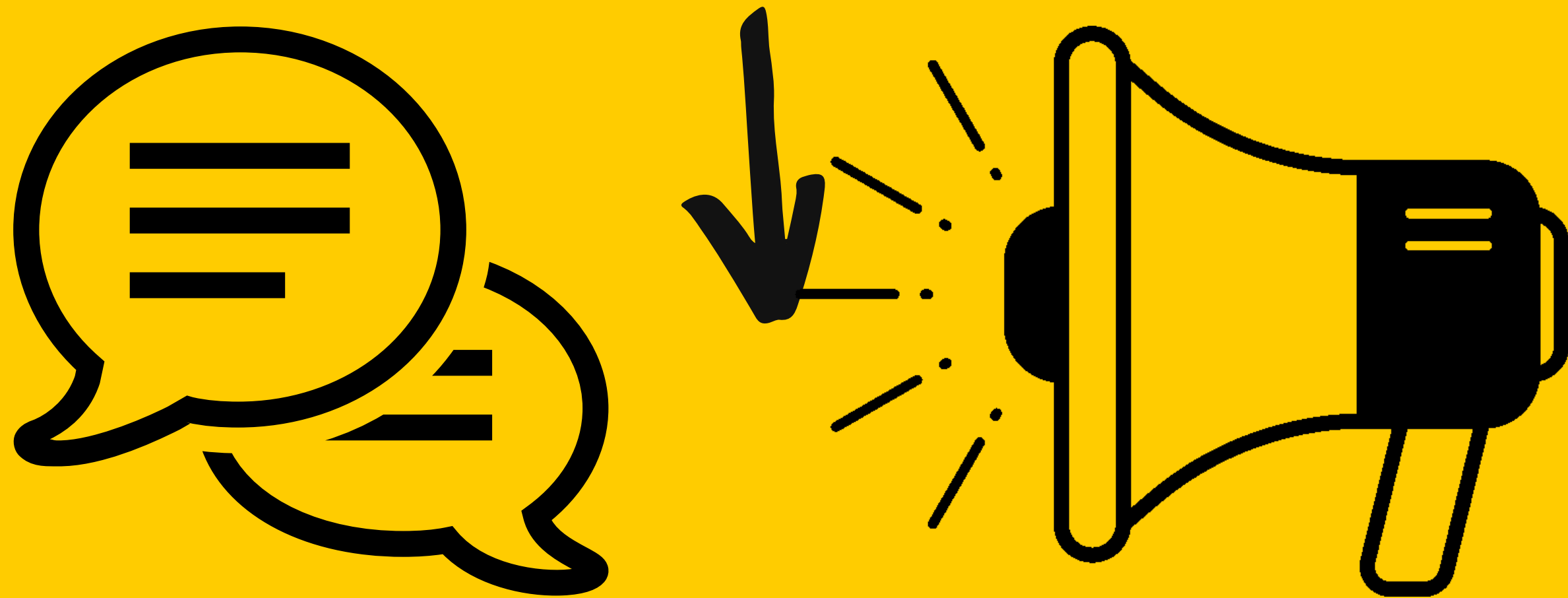
COMMUNICATIONS & OUTREACH

01 **UCF Downtown Collaborations**

02 **Rosen Collaborations**

03 **Lake Nona Collaborations**

04 **Transfer Student Initiatives**

05 **Coffee Breaks**

06 **Advertising of Services**

TOGETHER THERE WILL BE

GOLDEN DAYS

EXECUTIVE BRANCH

Student Government Overview

Student Government was chartered in 1969 to represent, advocate, and ultimately serve the Student Body. SG is responsible for a budget of over $20.7 million and is composed of three distinct branches - the Executive Branch, Legislative Branch, and Judicial Branch.

Student Government oversees 13 different Departments and Agencies and the allocation of Activity and Service fees. SG supports areas including the Student Union, the Recreation and Wellness Center, Student Legal Services, the Office of Student Involvement, and many more.

The Executive Branch serves students by hosting programs to educate and support students, representing the Student Body on University Committees, and implementing initiatives to create a positive student experience.

Platform Highlights

Hunger & Homelessness Coalition
- Connect with food and housing insecurity organizations (UCF Housing, Knights Pantry, Habitat for Humanity, VolunteerUCF, UCFCares) and other related organizations to create the Hunger and Homelessness Coalition.
- Timeline: This committee will meet throughout the fall and spring semester.

TEDxUCF
- The goal of hosting a TEDxUCF conference is to give the UCF community an opportunity to share their ideas with each other, such as research, entrepreneurship stories, or general lessons that would benefit the community. We are collaborating with Nicholson to prepare our speakers, as well as with UCF Downtown as a potential venue to host this event. We plan to feature two student speakers, two faculty or staff speakers, and two alumni speakers that will be selected through an application process. Students will be able to participate and help plan the event by joining the TEDxUCF Executive Outreach Committee.
- Timeline: This committee will meet throughout the fall and spring semester with the main event being held in spring.

EXECUTIVE BRANCH

Student Government Overview

Student Section Expansion
- With UCF's ever-growing student population, we find it important to ensure that all students can attend football games. Because of this, it has been a focal point of past and present platforms to expand the student section to allow for more students to attend sporting events. This corresponds with the future plans UCF Athletics has unveiled for additional space in the football stadium.
- Timeline: Tied to UCF Athletics future plans.

AntiRacist Leadership Project
- The SG AntiRacist Leadership Project empowers students into becoming active agents of social change by introducing various aspects of AntiRacist study through UCF Faculty and Staff. Similarly, the ARLP focuses on providing community experiences that include various projects, volunteering, and overall capacity-building for students who hope to make a difference at our University.
- Timeline: This committee will meet throughout the fall and spring semesters.

Day at the Capitol
- This event provides an opportunity for over 50 UCF students to travel to the Florida State Capitol building in Tallahassee and advocate for a selected group of legislative priorities. Students will be given the opportunity to speak with Florida representatives and senators and receive a tour of the Capitol Building. This event acts as both a learning and networking opportunity for student attendees.
- Timeline: Event will take place on February 8th, 2021

KnightLife Safety Program
- Currently, Student Government is partnering with UCF PD and WHPS to provide safety information and resources to the entirety of Knight Nation. We are working to provide targeted methods of prevention and planning to promote a culture of preparedness. SG is also collaborating with Dining Services to spread information about our Lyft partnership.
- Timeline: This is a long term initiative that will continue throughout the fall and spring semesters.

2

EXECUTIVE BRANCH

Student Government Overview

Knights Go Green
- Knights Go Green is a group of UCF students that attend all of the UCF Football tailgates and educates the tailgaters on how to properly recycle and make eco-friendly decisions when disposing of their waste. This group works to educate fellow Knights as well as the Orlando community as a whole on how to reduce their plastic usage while participating in these major athletics events.
- Timeline: This group works during major athletic events (ex. football games) occurring in the fall semester.

UCF | Board of Trustees

**Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021**

DISC-3**:** Faculty Senate Chair Report

☐ **Information**　　　　☒ **Discussion**　　　　☐ **Action**

Meeting Date for Upcoming Action:　　N/A

Purpose and Issues to be Considered:

The Faculty Senate Chair will present a summary of the Senate's mission, structure, operations, and Senate plans for the coming academic year. The latter include priorities in policy, oversight and shared governance, Senate structure, and funding for Senate operations. These integrate with the President's strategic planning initiative and the BOT's Ad-Hoc Strategic Planning Committee, including the Senate Chair. The Senate also has oversight and approval of all educational program changes and other aspects of UCF's educational mission, integrating with the BOT's Academic Excellence and Student Success Committee. Other Senate functions touch to varying degrees on the mission of the other BOT committees; this is covered in the presentation.

Background Information:

Historically, universities were collections of faculty members who worked together to develop and deliver education in scholarly matters. The broadening of educational access to a significant fraction of society led directly to the scientific and industrial revolutions, the rise of the middle class, and the development of modern government systems. Indeed, a key form of totalitarian repression is the control or even outright denial of education. The four academic freedoms capture the essence of this success: the subject-matter experts who deliver educational programs control content, who teaches it, how it is taught, and those admitted to study.

At scale, however, modern universities could not run effectively on faculty consensus. University administration plays a critical role in resourcing, enabling, managing, and even policing the faculty and aligning the faculty's goals to those of society. In UCF's case, it is done through the administrative structure of the Board of Governors and the funding priorities of the state legislature. The system of shared governance between faculty and administration ensures alignment between faculty and administrative priorities while maintaining the independence and quality of educational programs.

The Faculty Senate is the principal vehicle for shared governance at UCF. The Senate meets monthly during the academic year, and its agenda is controlled by its Steering Committee, which also meets monthly. The Provost reports at all meetings, and the President reports at the full Senate. These meetings are public, streamed live, and recorded. Emergency meetings are possible at any time. During 2020's Summer of COVID, the Senate and Steering Committee met monthly in full session. In 2021, the President and Provost continued delivering monthly reports to informal Senate meetings to keep faculty abreast of changes and issues during the summer, which is the principal direct interaction between rank-and-file faculty and the university's top leadership. The reports have become one of the best ways for faculty, staff, and even administrators to keep tabs on the actions and priorities of the

upper administration and, conversely, for these leaders to hear from faculty and sound them out on new ideas.

The Senate has six Operational Committees that meet 1-2 times per month and report at each Steering and Senate meeting. These include standing councils, each with its own committees, for Undergraduate and Graduate education and Research, and standing committees for Personnel and Budget and Administrative issues. To address urgent problems, one or more topical committees have Operational status, which is the case for the current Information Technology Committee. In addition, the Senate appoints Joint Committees for each major academic function, such as Academic Calendar, Textbook Advisory, Admissions and Standards, and thirteen others. All committees consist of faculty (both senators and not) appointed by the Committee on Committees, a subcommittee of Steering, and ex-officio administrators, typically at the vice-President level, and their staff. Only faculty vote and the faculty chairs of most committees are elected by the faculty members on the committee (a few are appointed by the ex-officio administrator, per the Faculty Senate Bylaws). There are currently nine ad-hoc committees, of which four frequently met in the past year. The Senate is also the main route for the administration to identify faculty members to work on administration committees. The Senate leadership made over 30 such appointments in 2020-2021.

The Senate website, facultysenate.ucf.edu, is the Senate's primary public information source. It includes the current committees, their members, agenda and minutes for every meeting of every committee and the full Senate since the Senate's founding, a topic tracker where faculty can suggest issues for Senate attention and track their progress through committees, links to recordings of online meetings, the University Constitution and Bylaws, bylaws of academic departments, information on being a senator or committee member, all resolutions since the founding of the Senate, the Senate and committee events calendars, and blogs for committee chairs.

Although the Senate is an independent, non-administrative body, funds and labor for major events, travel to SUS events, web development, and other Senate operational needs flow through Faculty Excellence in Academic Affairs. The Senate leaders are on regular faculty 9- or 12-month contracts from their units of origin, and their labor falls under the category of faculty service. The Chair receives two-course buyouts per year, and the Vice-Chair receives one plus a month's summer salary to form the committees during the summer. The Senate's Administrative Assistant, Laurie Carroll, administers the website and the Senate's databases of committee members, resolutions, and other information from the Faculty Senate Office in Howard Philips Hall. She also coordinates the meetings of all committees, manages their agenda and minutes, and manages appointments for the four Senate leaders, Chair Harrington, Vice Chair Stephen King, Secretary Kristine Shrauger, and Past Chair William Self.

Generally, the Senate and its committees attempt to resolve issues through discussion with the administration, and in general, this works well. In cases where it does not, or if the administrator cannot obtain the resources or permission to take action the faculty desire, the Senate may pass a Resolution. There are two types of resolutions: For Action and For Information. Written similarly to legislation, with "Whereas" and "Be it resolved that" sections, these lay out the case for a request and then make the request. Under the university's Constitution, the Provost must respond to Resolutions for Action in writing within 60 days, either accepting and then implementing it or rejecting it with an explanation. The Senate, by 2/3 vote, may override a Resolution veto to the President and the BOT.

There are two significant differences between the SUS faculty senates and senates in other states and private institutions. First, the Senate has no direct role in bargaining or regulating faculty

compensation and benefits; this is reserved in Florida Statute to the United Faculty of Florida. The Senate, therefore, does not argue individuals' objections to personnel matters, including terminations. However, the Senate monitors these to ensure fair execution of established procedures and potentially develop suggestions for changes. The Personnel Committee, for example, argues for policy changes based on UCF's working environment and the ability to retain faculty and deliver instruction, not based on what faculty merit. Second, everything the Senate does is advisory to the administration, other than approving course and degree-program proposals. If the administration ignored the faculty, the most the Senate could do would be to document that refusal and appeal to the Trustees and other stakeholders.

Of course, a university functions best when stakeholders have trust, transparency, and good communication. The Senate Chair meets each month with the President and separately with the Provost and sees the Provost and other high-level leaders in committees, such as the University Budget Committee and the university's Strategic Planning Committee. Under the State of Florida Constitution, the Faculty Senate Chair is a member of the Board of Trustees. It represents the university and the Faculty Senate Vice-Chair on the Advisory Council of Faculty Senates (ACFS), a committee of the Board of Governors. The Chair of the ACFS (currently UCF professor William Self, the Faculty Senate Past Chair) is on the Florida Board of Governors.

Recommended Action:
N/A

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
N/A

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Michael D. Johnson, Interim Provost and Vice President of Academic Affairs

Supporting Documentation:
Attachment A*:* UCF Faculty Senate 2021-2022 Priorities

Presenter:
Joseph Harrington, Faculty Senate Chair

UCF Faculty Senate Priorities for 2021-2022

Prof. Joseph Harrington

Chair, UCF Faculty Senate

Background

See detailed Background in agenda memo

Facultysenate.ucf.edu

Handle *business* interests of faculty (not bargaining)

Senate approval required for new academic programs, courses

Share governance with administration

44 committees (3 steering, 16 operational, 16 joint, 9 ad-hoc)

Resolution process requires administration response

Mainly work things out by facilitating communications

Appoint many faculty to administrative committees

Priorities for 2021-2022

Strategic planning

Policy and Regulation development process

Comprehensive review of Constitution and Bylaws

Budget for Senate

Specific committee issues

Strategic Planning

Get faculty input for planning process

Ensure plan is credible, not a dream

    Recognize internal problems

    Show paths to goals consistent with values and financial reality

    Model outcomes numerically (funding, student/faculty ratio, facilities)

President, Provost, Prof. Ron Piccolo, JH defining process

Policy and Regulation Development Process

Working with administration to revise process

Faculty, Chairs, Deans, and faculty-facing VPs

   desire more and earlier input into policy creation process

      Feel existing process too fast for thoughtful input

      Potential disruption if new rules in effect 14 days after 1st notice

Expressed concerns in Audit and Compliance Committee

Constitution and Bylaws Revision

Do every five years, last in 2016

Update committees and charges

Representation issues

One committee representative/college, but college sizes vary by 10x

Instructional Designers

Process stuff

How we form committees and (s)elect chairs

Electronic processes

Agenda flexibility

UCF

Budget for Senate

Currently have no formal budget

Resources unchanged since UCF was a small university

Seek course buyouts and/or summer months for more leaders

Service-level agreements on website, IT

Budget for speakers, web services, Senate studies

Commensurate with other large-SUS Senates

Committee Issues

DEI – Integrate with university committee

Strategic Planning – Define and form

Research Council – Finalize committees, handle major issues

University Policy Committee – more faculty representation

Priorities for 2021-2022

Strategic planning

Policy and Regulation development process

Constitution and Bylaws revision

Budget for Senate

Specific committee issues

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021

AESC-1**:** 2021 SUS Textbook and Instructional Material Affordability Annual Report

☐ **Information**   ☐ **Discussion**   ☒ **Action**

Meeting Date for Upcoming Action: September 23, 2021

Purpose and Issues to be Considered:
Approve the 2021 Textbook and Instructional Material Affordability Annual Report

Background Information:
House Bill 7019 passed during the 2016 Legislative Session and was signed into law by Governor Scott on 04/14/2016 (Chapter 2016-236, Laws of Florida). An amendment to Section 1004.085 regarding textbook and instructional materials affordability requires each university to submit an annual report by September 30 of each year to the Chancellor of the State University System. The report addresses:
- textbook and instructional materials selection process for high enrollment general education courses,
- courses with no cost for textbooks and instructional materials,
- courses with low-cost materials,
- specific university initiatives designed to reduce the costs of textbooks and instructional materials; and
- university policies for the posting of textbooks and instructional materials. This year, the Board of Governors' office is using a new template using an Excel spreadsheet for the report's submission.

Recommended Action:
Recommend approval of the 2021 Textbook and Instructional Material Affordability Annual Report.

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
BOG Regulation 8.003; UCF Regulation 2.032 Textbook Adoption

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Michael D. Johnson, Interim Provost and Vice President of Academic Affairs

Supporting Documentation:
Attachment A: Textbook and Instructional Materials Affordability Annual Report

Presenter:
Timothy D. Letzring, Senior Associate Provost for Academic Affairs

Textbook & Instructional Materials Affordability Initiatives

Describe specific initiatives of the institution designed to reduce the costs of textbooks and instructional materials.

Affordable Instructional Materials Initiative
The Affordable Instructional Materials (AIM) Initiative is a university-wide collaboration consisting of representatives from the Division of Digital Learning, the UCF Libraries, the Faculty Center for Teaching and Learning, the UCF Bookstore, and the Office of the Provost and Vice President for Academic Affairs. It supports faculty efforts to reduce instructional material costs and focuses its efforts on four affordability initiatives: First Day Inclusive Access Program, Open Educational Resources, Library-Sourced Materials, and Affordability Counts. Each year, AIM hosts the AIM High Event which recognizes faculty involvement in these initiatives.

Library Resources
UCF librarians actively search for textbooks that are available as e-books with unlimited use. These are one-to-one replacements of currently assigned course textbooks and are freely available to UCF students. Once these books are identified and purchased, faculty are informed of their availability and asked to share this information with students in their courses. In the 2020-2021 academic year, use of library resources saved students $866,156.
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STARS
Faculty share open course resources through STARS, the university repository Showcase of Text, Archives, Research & Scholarship. (https://stars.libraries.ucf.edu/)

Free Resources and Open Educational Resources (OER)
UCF librarians and instructional designers support faculty in locating compilations of free resources in lieu of textbooks. In many cases a variety of materials are used to illustrate course concepts. These resources range from specific chapters in an OER, to resources from websites/digital archives, articles, and/or videos. In the 2020-2021 academic year, use of free resources and OER saved students $1,741,739.

UCF's bookstore offers several cost saving choices that enable students to select the purchasing options that meet their needs.
Price Match Program
Students can compare the cost of course materials at off-campus bookstores (e.g., BN.com, Amazon, and local

bookstores). If they find course materials at a lower price, UCF's bookstore, Barnes & Noble, will match it.

Rental Program
This program allows students to rent new or used textbooks. It provides an affordable and convenient option. Students can acquire textbook rentals in-store or online with several options for payment; highlight text and make notes on pages; keep books until finals are over; and return books at the bookstore or through the mail. On average, the cost savings for rental books is 70 to 80 percent versus purchasing a new book. Students selecting a digital rental can save up to 90 percent.

Used Course Materials Option
Students also have the option to purchase used textbooks through UCF's Cash for Books program. At the end of each semester, students can sell their books back to Barnes & Noble. Depending on the condition of the materials, students can receive up to 50 percent of the new textbook price. The bookstore closely reviews course information to identify those materials that may be used again. The bookstore then notifies students who have purchased those titles that their books can be sold back to the store. As a result, the next year's students are able to purchase these used books at a discounted price, giving all students the opportunity to save money through used textbooks. Nearly 70 percent of all titles are available for purchase at all of UCF's campuses as used course materials.

Digital Option
Digital textbooks allow students to save up to 60 percent compared to traditional textbooks. The bookstore's digital offerings are designed with convenience in mind, allowing students to choose from several forms of payment and to access these materials immediately following their purchase or digital rental. To optimize the digital experience, the bookstore offers the newly released Yuzu™ Web, iOS , and Android™ apps. Just over 43 percent of textbooks are currently offered in digital format.

Has the *opt-in* provision been implemented by your institution for the purchase of student materials? If yes, describe the impact this has this had on student savings, if any.

UCF has implemented the opt-in model of Barnes & Noble College's First Day Inclusive Access program. In the 2020-2021 academic year, the First Day Inclusive Access program saved students $5,049,958.

Has the *opt-ou*t provision been implemented by your institution for the purchase of student materials? If yes, describe the impact this has this had on student savings, if any.

UCF has not implemented an opt-out provision.

University Policies for the Posting of Textbooks and Instructional Materials & Compliance with the Posting Deadline

Describe policies implemented to ensure the posting of textbooks and instructional materials for at least 95% of all courses and course sections 45 days before the first day of class.

UCF's Regulation 2.032 Textbook Adoption establishes an internal adoption deadline of no later than 60 days prior to the start of each semester. In support of the regulation, UCF has implemented a Textbook and Instructional Materials Affordability communication timeline, which ensures the timely adoption of textbooks and instructional materials.

Are the policies effective in meeting the reporting requirement? If not, what measures will be taken by the university to increase faculty and staff compliance for meeting the reporting requirement?

UCF's policies and procedures, which are reviewed and updated regularly, are effective in meeting the reporting requirements. Since their implementation, UCF has continued to see improvements in faculty and staff compliance for meeting the reporting requirement and has consistently met or exceeded the 95% target.

Fall 2020					
Total Course Sections at the 45-Day Posting Deadline (Not Including Exceptions)	# Of Course Sections Meeting Requirement (Not Including Course Sections That Changed Adopted Materials After The Deadline)	% Of Course Sections Meeting Requirement	# Of Course Sections That Changed Adopted Course Materials After The Required Posting Deadline	# Of Course Sections Not Meeting Requirement (Including Course Sections That Changed Adopted Materials After The Deadline)	% Of Course Sections Not Meeting Requirement
12,032	11,751	97.66%	270	281	2.34%

Spring 2021					
Total Course Sections at the 45-Day Posting Deadline (Not Including Exceptions)	# Of Course Sections Meeting Requirement (Not Including Course Sections That Changed Adopted Materials After The Deadline)	% Of Course Sections Meeting Requirement	# Of Course Sections That Changed Adopted Course Materials After The Required Posting Deadline	# Of Course Sections Not Meeting Requirement (Including Course Sections That Changed Adopted Materials After The Deadline)	% Of Course Sections Not Meeting Requirement
9,594	9,376	97.73%	91	218	2.27%

**Note: Per Board Regulation 8.003 (1) (h), a course or course section added after the posting requirement is considered an exception and should be reported on the "Exceptions" tab. A request for any other exception to the compliance deadline shall be submitted in writing to the designated university official and shall provide a reasonable justification for an exception. A course or section added after the notification deadline is exempt from this notification requirement.

Per Board of Governors Regulation 8.003(1)(h), Textbook and Instructional Materials Affordability, any request for an exception to the compliance deadline shall be submitted in writing to the designated university official and shall provide a reasonable justification for an exception. A course or section added after the notification deadline is exempt from this notification requirement.

| Fall 2020 | | | | | Spring 2021 | | | | |
Total # of Course Sections (Not Including Exceptions)	# of Course Sections Identified As Exceptions	Total # Of Course Sections Including Exceptions (Column A + Column B)	% Of Total Course Sections That Were Identified As Exceptions	Reasons For Exceptions	Total # Of Course Sections (Not Including Exceptions)	# Of Course Sections Identified As Exceptions	Total # Of Course Sections Including Exceptions (Column G + Column H)	% Of Total Course Sections That Were Identified As Exceptions	Reasons For Exceptions
12,032	563	12,595	4%	Courses added after the 45-day deadline	9,594	1,062	10,656	10%	Courses added after the 45-day deadline

Report the textbook and instructional materials selection process used for general education courses with high enrollment. Include the course prefix(es) and number(s), the course title(s), and the total number of courses (*n=*). In column "F," use the drop-down arrow in each cell to select the appropriate selection process. The methodology for determining high enrollment courses is as follows: *Order courses (course prefix/number) by headcount enrollment, excluding honors courses. The top 10% of courses are determined as high enrollment.*

General Education Courses with High Enrollment		*Total Number of Courses (n =)*	Selection Process	If "other," describe
Course Prefix & Number	**Course Title**			
AMH 2010	U.S. History: 1492-1877	7	Individual Faculty	
ANT 2000	General Anthropology	7	Combination of the Above	
ANT 2410	Cultural Anthropology	2	Combination of the Above	
ANT 2511	The Human Species	11	Combination of the Above	
ANT 2050	History of Western Art I	2	Combination of the Above	
ART 2051	History of Western Art II	2	Combination of the Above	
AST 2002	Astronomy	8	Combination of the Above	
BSC 1005	Biological Principles	2	Combination of the Above	
BSC 2010C	Biology I	8	Combination of the Above	
CGS 1060	Introduction to Computers	2	Individual Faculty	
CGS 2100C	Computer Fundamentals for Business	4	Individual Faculty	
CHM 1020	Concepts in Chemistry	2	Combination of the Above	
CHM 1032	General Chemistry	2	Combination of the Above	
CHM 2040	Chemistry Fundamentals IA	7	Combination of the Above	
CHM 2041	Chemistry Fundamentals IB	4	Combination of the Above	
CHM 2045C	Chemistry Fundamentals I	3	Combination of the Above	
CHS 1440	Principles of Chemistry	3	Combination of the Above	
COM 1000	Introduction to Communication	15	Combination of the Above	
COP 3502C	Computer Science I	9	Department Committee	
COT 3100C	Introduction to Discrete Structures	4	Individual Faculty	
ECO 2013	Principles of Macroeconomics	6	Combination of the Above	
ECO 2023	Principles of Microeconomics	6	Combination of the Above	
EVR 1001	Introduction to Environmental Science	2	Combination of the Above	
FIL 1000	Cinema Survey	2	Combination of the Above	
FIL 2030	History of Motion Pictures	4	Combination of the Above	
FIL 3036	Film History I	1	Combination of the Above	
FIL 3037	Film History II	1	Combination of the Above	
GEO 1200	Physical Geography	5	Combination of the Above	
HUM 2020	Encountering the Humanities	4	Individual Faculty	
LIT 2110	World Literature I	2	Individual Faculty	
MAC 1105C	College Algebra	9	Combination of the Above	
MAC 2311C	Calculus with Analytic Geometry I	1	Combination of the Above	
MGF 1107	Explorations in Mathematics	3	Combination of the Above	
MUH 2017	Survey of Rock Music	2	Combination of the Above	
MUL 2010	Enjoyment of Music	3	Combination of the Above	

MUL 2016	Evolution of Jazz	1	Combination of the Above	
MUL 2720	Music of the World	2	Combination of the Above	
PHI 2010	Introduction to Philosophy	1	Combination of the Above	
PHY 1038	Energy Climate Change Environment	1	Combination of the Above	
PHY 2020	Concepts of Physics	1	Combination of the Above	
PHY 2048C	General Physics Using Calculus I	14	Combination of the Above	
PHY 2053C	College Physics I	15	Combination of the Above	
POS 2041	American National Government	5	Combination of the Above	
PSC 1121	Physical Science	4	Combination of the Above	
PSY 2012	General Psychology	13	Combination of the Above	
STA 2014	Principles of Statistics	3	Combination of the Above	
STA 2023	Statistical Methods I	12	Combination of the Above	
STA 3032	Probability and Statistics for Engineers	6	Combination of the Above	
SYG 2000	Introduction to Sociology	9	Combination of the Above	
THE 2000	Theatre Survey	12	Combination of the Above	

Report all institution's course title(s) and the number of section(s) that required or recommended textbook(s)/instructional materials for $20 or less per credit hour (e.g., $60 or less for a three-credit-hour course), which meets the State University System of Florida Action Plan for the Pricing of Textbooks and other Instructional Materials.

Fall 2020	
Total Number of Course Sections Offered	*n* = 601
Course Title(s) that Required or Recommended Course Materials for Less than $20 per Credit Hour	**Number of Section(s)**
ADE 4382 - Teaching Adult Learners in Technical Programs	1
ADV 3001 - Advertising Strategy	1
AFA 3102 - Introduction to Africana Studies: A Multidisciplinary Approach	1
AFH 3458 - History of South Africa 1652-Present	1
AMH 2010 - U.S. History: 1492-1877	4
AMH 2020 - U.S. History: 1877-Present	4
AMH 3402 - History of the South to 1865	1
AMH 3571 - Black American History I	1
AMH 6429 - Seminar in Community & Local History	1
ANG 5094 - Writing in Anthropology	1
ANG 5531 - Nutritional Anthropology	1
ANG 6110 - Archaeological Theory and Method	1
ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts	3
ANT 3168 - Maya Archaeology	1
ANT 3177 - Archaeology of Caribbean Piracy	1
ANT 3541 - Biobehavioral Anthropology	1
ANT 3701 - Engagement & Social Change: Public Anthropology	1
ANT 4081 - Science, Technology, and Culture	1
ANT 4170 - Household Archaeology: The Archaeology of Everyday Life	1
ANT 4467 - Nutritional Anthropology	1
ANT 4480 - Global Health in Anthropological Perspective	1
ANT 4483 - Health and Healing in the Ancient World: An Anthropological Perspective	1
APK 4203 - Monitoring Training and Athletic Performance	1
ARA 1120C - Elementary Arabic Language and Civilization I	1
ARC 3181 - Advanced Topics in Digital Architecture	1
ARC 4220 - Architectural Theory 2	2
ARH 2050 - History of Western Art I	2
ARH 2051 - History of Western Art II	2
ARH 3888 - Art of Walt Disney	1

ARH 4800 - Theory and Criticism of the Visual Arts	1
ART 2201C - Design Fundamentals: Two-Dimensional	3
ART 4935 - BFA Exhibit/Seminar	1
ASH 3204 - History of Mesopotamia	1
AST 5334 - Extrasolar Planets and Brown Dwarfs	1
BSC 2010C - Biology I	4
BSC 2011C - Biology II	3
BSC 3312 - Principles of Marine Biology	1
BSC 5316 - Marine Conservation Biology	1
CAP 4102 - Web and User Experience (UX)	1
CCJ 4129 - Cultural Diversity in Criminal Justice	1
CCJ 4296 - Famous Crimes & Trials	1
CCJ 4670 - Women and Crime	1
CCJ 4694 - Human Trafficking and Criminal Justice	1
CCJ 4746 - Data Analysis for Criminal Justice	1
CCJ 6027 - Criminal Justice Responses to Terrorism	1
CCJ 6106 - Policy Analysis in Criminal Justice	1
CHM 2211L - Organic Laboratory Techniques I	25
CHM 3120L - Analytical Chemistry Laboratory	1
CHM 6620 - Solid State Inorganic Chemistry	1
CIS 4615 - Secure Software Development and Assurance	1
CJC 5020 - Foundations of Corrections	1
CJE 3001 - Careers in Criminal Justice	4
CJE 4014 - Police and Society	1
CJE 4694 - Cypercrime and the Criminal Justice System	1
CLP 3184 - Women's Mental Health	1
CLP 4932 - ST: Eating Disorders	1
CLP 6527C - Measurement, Research, Design, and Statistical Analysis in Clinical Psychology I	1
COM 3311 - Communication Research Methods	3
COM 3801 - Relational Conflict Communication	1
COM 3802 - Principles of Communication & Conflict	2
COM 4013 - Communication and the Family	1
COM 4563 - Principles of Social Innovation and Activism	1
COM 4803 - Third Party Processes & Interventions	1
COM 4806 - Communication & Conflict Case Studies	1
COM 6304 - Quantitative Research Methods in Communication	1
COP 2500C - Concepts in Computer Science	1
COP 4020 - Programming Languages I	1
CPO 4101 - Politics of the European Union	1
CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy	1
CPO 4514 - Politics of East Asia	1

CRW 3120 - Fiction Writing Workshop	2
CRW 3211 - Creative Nonfiction Writing	2
CRW 3310 - Poetry Writing Workshop	2
CRW 3610 - Writing Scripts	5
CRW 3713 - Writing for Video Games	1
CRW 4122 - Advanced Fiction Writing Workshop	5
CRW 4224 - Advanced Nonfiction Workshop	2
CRW 4320 - Advanced Poetry Writing Workshop	1
CRW 4616 - Advanced Scriptwrite Workshop	3
CRW 6920 - Fiction Workshop	2
DAA 2200C - Ballet I	1
DIG 2000 - Introduction to Digital Media	1
DIG 2783 - Fundamentals of Game Art	1
DIG 3174C - Front-End Web Design	2
DIG 4323C - Modeling for Visual Language	1
DIG 4633C - Multi-Modal Design	1
DIG 6379C - Editing for Animation and Visual Effects II: Practical Editing	1
DIG 6388C - Animation and Visual Effects Production III	1
DIG 6836 - Design and Development for Texts and Technology	1
DSC 4013 - Homeland Security and Criminal Justice	1
ECO 4443 - Introduction to Business Analytics	1
ECT 2002 - Introduction to Career and Technical Teaching and Training	1
ECT 3365 - General Methods/Testing Evaluation in Career & Technical Education	1
ECT 3367 - Evaluation of Career & Technical Education Instruction	1
ECT 4004 - Principles and Practices of Technical Education	1
ECW 5561 - Student Guidance in the Career/Workforce Program	1
ECW 6205 - Administration of Local Career Education Programs	1
ECW 6268 - School, College, and Career Readiness	1
ECW 6695 - School/Community Relations for Career and Technical Education Programs	1
EDA 7987 - Dissertation in Practice	4
EDE 6935 - Capstone Seminar in Elementary Education	1
EDF 2005 - Introduction to the Teaching Profession	1
EDF 2007 - Introduction to Substitute Teaching	1
EDF 2720 - Child in Schools: Legal, Ethical and Safety Concerns	1
EDF 6233 - Introduction to Action Research and Analysis of Classroom Practice	1
EDF 6481 - Fundamentals of Graduate Research in Education	1
EDF 6886 - Multicultural Education	2
EDF 7474 - Multilevel Data Analysis in Education	1
EDG 6415 - Principles of Instruction and Classroom Management	1
EDG 6636 - Impact of Social Contexts on Teaching and Learning	1
EDG 6935 - Introductory Seminar in Teacher Leadership	1

EDH 6215 - The College Curriculum	1
EDH 6935 - Capstone Seminar in College Student Personnel	1
EDS 5356 - Mentoring and Clinical Supervision of Pre-professional Educators	1
EDS 6123 - Educational Supervisory Practices I	1
EEC 4235C - Early Childhood Education Seminar: Bridging Theory to Practice	1
EEC 4940 - Practicum: Early Childhood Development	1
EEX 4763 - Technology for Classroom Teachers of Students with Special Needs	1
EEX 6017 - Typical and Atypical Applied Child Development	1
EEX 6107 - Teaching Spoken and Written Language	1
EEX 6297 - Assessment, Diagnosis, and Curriculum Prescriptions for Students with Autism	1
EIN 5251 - Usability Engineering	3
EME 6417 - Interactive Online and Virtual Teaching Environments	1
EME 6507 - Multimedia for Education and Training	1
ENC 1101 - Composition I	16
ENC 1102 - Composition II	14
ENC 3311 - Essay as Cultural Commentary	1
ENC 3351 - Writing for Publication	1
ENC 3375 - Rhetoric in Popular Culture	1
ENC 4262 - International Technical Communication	1
ENC 4265 - Writing for the Computer Industry	2
ENC 4293 - Documentation and Project Management	4
ENC 4294 - Client-Based Project Management	2
ENC 4416 - Writing in Digital Environments	2
ENC 5237 - Writing for the Business Professional	1
ENC 5920 - Colloquium in Rhetoric and Composition	1
ENG 3010 - Practical Criticism	1
ENG 3821 - What's Next for English Majors	1
ENG 6939 - Topics in Text and Technology	1
ENL 3231 - Restoration Literature	1
ENL 4303 - British Authors	1
ENT 4013 - New Venture Design	2
ENT 4014 - New Venture Implementation	1
ENT 4412 - Managing Small Business Finances	7
ENT 5206 - New Venture Implementation	1
ESI 4628 - Decision Support Systems for Industrial Engineers	1
EUH 2000 - Western Civilization I	2
EUH 2001 - Western Civilization II	1
EUH 4465 - Hitler's Third Reich	1
EUH 4500 - English History to 1485	1
EUH 4502 - British History: 1815-Present	1
EXP 6116 - Visual Performance	1

FIL 1007 - Foundations of Story	1
FIL 3363C - Film Documentary	1
FIL 3462C - Cinematic Expression II	1
FIL 4647 - Film Production Management	1
FIL 4661 - The Film Producer	1
FIL 5406 - Theories of Film Production	1
FIL 5419 - Developing the Film Screenplay	1
FIL 5800 - Research Methods in Film and Digital Media	1
FIL 5924 - Graduate Seminar	1
FIL 6454 - Microbudget Production Design	1
FIL 6644 - Microbudget Pre-Production	1
FSS 2221C - Techniques of Food Preparation	3
FSS 2284C - Food Preparation for Catered Events	1
GEB 3031 - Integrated Business Foundations	7
GEB 4435 - Moral Foundations of Business	1
GEB 6895 - Business Intelligence	1
GEO 3471 - World Political Geography	1
HAI 1100C - Elementary Haitian Creole & Culture I	1
HBR 1120 - Modern Israeli Hebrew I	1
HFT 2254 - Lodging Operations	3
HFT 2500 - Hospitality and Tourism Marketing	5
HFT 2563 - Digital Marketing in Entertainment	1
HFT 2750 - The Event Industry	5
HFT 3067 - Wines of the World	2
HFT 3564 - Digital Marketing in Hospitality Organizations	1
HFT 3654 - Hospitality Franchising	1
HFT 3868 - History and Culture of Wine	1
HFT 4065 - Fine Spirits Management	1
HFT 4266 - Hospitality Brand Management	1
HFT 4286 - Hospitality Communications	4
HFT 4295 - Leadership and Strategic Management in Hospitality Industry	1
HFT 4752 - Managing the Guest Experience in the Theme Park and Attraction Industry	1
HFT 4795 - Entertainment Arts and Events	1
HFT 4864 - Seminar in Quality Brewing and Fine Beer	1
HIS 3600 - Professionalizing History Majors	1
HIS 4490 - History of Medicine	1
HMG 6245 - Managing Hospitality and Guest Services Organizations	1
HMG 6296 - Hospitality/Tourism Strategic Issues	1
HMG 6446 - Hospitality/Tourism Information Technology	1
HMG 6449 - Smart Travel and Tourism	1
HSA 4939 - Health Services Administration Capstone	3

HSA 5436 - Foundations of Health Care Economics	3
HSA 6156 - Health Care Economics and Policy	1
HSC 2524 - Introduction to Human Disease	2
HSC 3211 - Preventitive Health Care	3
HSC 4008 - Professional Development in Health Professions	1
HUM 2020 - Encountering the Humanities	3
HUM 3423 - African Humanities	1
IDH 3600H - Honors Case Studies in Ethics	1
IDS 3150 - Foundations of Environmental Studies	3
IDS 4939 - General Studies Capstone	5
IDS 6916 - Simulation Research Methods and Practicum	2
IDS 6933 - Seminar in Teaching Mathematics and Science	1
IDS 6939 - Reforming Curriculum in Mathematics and Science Education	1
INR 2002 - International Relations Theory & Practice	2
INR 4008 - Global Perspectives	1
INR 4030 - Diplomacy	1
INR 4074 - Immigration Policy	1
INR 4085 - Women, Gender, & Globalization	1
INR 4224 - Contemporary Internation Politics of Asia	1
JOU 3015 - Principles of Journalism	1
JOU 3101 - Advanced Reporting	2
JOU 4340C - Online Journalism I	1
JOU 4950 - Senior Capstone in Journalism	1
JPN 1120C - Elementary Japanese Language & Civilization I	5
JPN 1121C - Elementary Japanese Language & Civilization II	2
JPN 2200 - Intermediate Japanese Language & Civilization I	1
JST 3401 - Jewish People in Antiquity	1
JST 3701 - History of the Holocaust	1
KOR 1120C - Elementary Korean Language and Civilization I	2
LAE 4360 - English Instructional Analysis	1
LAE 5346 - Methods of Teaching English Language Arts	1
LAH 4480 - History of Cuba	1
LAS 4023 - African Caribbean Experience	1
LDR 3115 - Contemporary Issues in Leadership	4
LIN 3716 - Language Development	1
LIT 2120 - World Literature II	1
LIT 3212 - Research & Writing about Literature	1
LIT 3931 - Topics in World Literature	1
LIT 6216 - Issues in Literary Study	1
MAA 5210 - Topics in Advanced Calculus	1
MAA 5228 - Analysis I	1

MAC 2147 - Mathematics for Calculus	1
MAC 2311H - Honors Calculus with Analytic Geometry I	2
MAD 4203 - Introduction to Combinatorics	1
MAD 5205 - Graph Theory I	1
MAE 3311 - Elementary Mathematics for Teaching II	3
MAE 4326 - How Children Learn Mathematics	2
MAE 6517 - Diagnosis/Remediation of Difficulties in Mathematics for the Classroom Teacher	1
MAP 6616 - Computational Methods Financial Mathematics II	1
MAP 6646 - Risk Management for Financial Mathematics	1
MAR 4804 - Marketing Strategy	1
MHS 3426 - Diversity Issues in Human Services	1
MHS 6020 - Mental Health Care Systems	2
MLS 4832L - Interpretative & Practical Hematology	1
MMC 3420 - Mass Media Research Methods	1
MMC 3630 - Social Media as Mass Communication	1
MMC 4303 - Hispanics in Media in the US	1
MTG 4254 - Introduction to Differential Geometry	1
MUE 3333 - Music Learning Theory and Assessment	1
MUL 2010 - Enjoyment of Music	2
MUT 3170 - Jazz Theory I	1
MUT 3923 - Jazz Workshop	2
MUT 4031 - Review of Music Theory	1
MVW 1413 - Clarinet I	1
NGR 5871 - Health Care Informatics	2
NUR 4178 - Complementary Therapies: Options for Integrative Nursing Practice	1
PAD 3003 - Public Administration in American Society	1
PAD 3930 - Nnonprofit Leadership Seminar	1
PAD 4104 - Adminstrative Theory	1
PAD 4144 - Nonprofit Organizations	1
PAD 4147 - Resource Development in the Nonprofit Sector	1
PAD 4153 - Planning & Improvement for Public Organizations	1
PAD 4371 - Community Resiliency & Sustainability	1
PAD 4720 - Research Methods in Public Administration	1
PAD 6062 - Advanced Concepts & Applications in Public Administration	2
PAD 6086 - Advanced Concepts & Applications in Emergency and Management	1
PAD 6327 - Public Program Evaluation Techniques	2
PAD 6335 - Strategic Planning & Management	2
PAD 6357 - Urban Resilience	1
PAD 6700 - Research Methods in Public Administration	2
PCB 3703C - Human Physiology	4
PCB 4353 - Florida Ecology, Natural History, and Conservation	1

PCB 4932 - ST: GIS for Biologists	1
PCB 6046 - Advanced Ecology	1
PCB 6466 - Methods in Experimental Ecology	1
PEM 2121C - Yoga	2
PEM 2131 - Strength Resistance Training	1
PEO 2011 - Team Sports	1
PEO 3041 - Game Analysis	1
PET 3005 - Introduction to Kinesiology	1
PET 3351 - Applied Exercise Physiology	2
PET 3820 - Teaching Sports Skills I	1
PET 4763 - Coaching Methods and Principles	1
PET 6388 - Cardiovascular Physiology	1
PGY 3276 - The Professional Environment	1
PGY 3412L - Photography in the Expanded Field	1
PGY 4420C - Advanced Photography	1
PHI 2010 - Introduction to Philosophy	3
PHI 2108 - Critical Thinking	1
PHI 3750 - The Problem of Evil	1
PHY 3513 - Thermal & Statistical Physics	1
PLA 3155 - Legal Writing	1
PLA 4081 - Rhetoric & the Law	1
PLA 4226 - Advanced Trial Advocacy	1
PLA 4244 - Community Mediation and Conflict Resolution	1
PLA 4510 - Law and Emotion	1
PLA 4554 - Environmental Law	1
PLA 4705 - Professionalism and Civility in the Law	3
PLA 4807 - Adoption Law	1
POS 3173 - Southern Politics	1
POS 3703 - Scope and Methods of Political Science	1
POS 4204 - Political Behavior	1
POS 4412 - Presidential Campaigning	1
PSY 3022C - Academic Counseling	1
PSY 3204C - Statistical Methods in Psychology	1
PSY 3213C - Research Methods in Psychology	1
PUP 3204 - Sustainability	1
PUR 3100 - Writing for Public Relations	4
PUR 6215 - Communicating Corporate Social Responsibility	1
RED 3012 - Basic Foundations of Reading	1
RED 4043 - Content Reading in Kindergarten through Grade 12	3
RED 5147 - Developmental Reading	1
RED 6336 - Teaching Content Area and Disciplinary Literacy	1

REL 2000 - Introduction to Religion and Cultural Studies	1
REL 3123 - Asian Religions in America	1
REL 3363 - Islam	1
REL 4180 - Religion and Medicine	2
RTV 3543C - Principles of Studio Production	2
RTV 3576C - Principles of Post Production	3
RTV 3581C - Lighting & Advanced Videography	1
SCE 3053 - Elementary Science for Teaching	4
SLS 3933 - COS New Transfer Seminar	1
SOP 3723 - Cross Cultural Psychology	1
SOP 3784 - Psychology of Diversity	1
SOW 4232 - Social Welfare Policies and Issues	5
SOW 5132 - Diverse Client Populations	1
SPB 6716C - Strategic Sport Marketing	1
SPB 6735 - The Global Environment of Sport	1
SPB 6806 - Business of Sport Media	1
SPC 1603C - Fundamentals of Technical Presentations	11
SPC 1603H - Honors Fundamentals of Technical Presentations	4
SPC 3602 - Advanced Public Speaking	1
SPC 4513C - Argumentation & Debate	1
SPN 1150C - Intensive Beginning Spanish	5
SPN 3300 - Advanced Spanish Grammar & Composition	1
SPN 4800 - The Syntax of Spanish	1
SPN 5506 - Spanish American Culture & Civilization	1
SPN 5845 - History of the Spanish Language	1
SPS 6601 - Introduction to Psychological Services in Schools	1
SPW 4770 - Caribbean Spanish Literature	1
SSE 4361 - Social Science Instructional Analysis	1
SSE 5790 - Inquiry and Instructional Analysis in Social Science Education	1
STA 2023 - Statistical Methods I	1
SYA 5625 - Proseminar	1
SYD 3700 - Race & Ethnicity	1
SYP 3511 - Sociology of Murder	1
SYP 3630 - Popular Culture in Society	1
SYP 4420 - The Consumer Society	1
THE 2000 - Theatre Survey	2
THE 2305 - Script Analysis for Theatre	1
THE 4230 - Cultural Diversity in Theatre	1
THE 4543 - Theatre for Social Change	1
THE 5237 - Cultural Diversity in Theatre	1
THE 5545 - Theatre for Social Change	1

TPA 2200 - Introduction to Technical Theatre	1
TPA 2210 - Stagecraft I	1
TPA 2220C - Stage Electronics	1
TPA 2232C - Costume Construction	1
TPP 2110C - Acting I: Introduction	1
TPP 2170C - Acting II: The Actor Prepares	2
TPP 2710C - Voice Production I	1
TPP 5156C - Acting Studio I	1
TPP 5248C - Storytellling as Theatrical Art Form	1
TSL 4240 - Issues in Second Language Acquisition	8
TSL 4363 - ESL Classroom Experiences	1
TSL 4942 - ESOL Field Experience	1
TSL 5940 - Issues in TEFL	1
TSL 6640 - Research in Second Language	1
VIC 3001 - Visual Communication	2
WST 3460 - Women, Race and Struggle	1
WST 3621 - Theories of Masculinity	2
ZOO 4756C - Comparative Vertebrate Histology	1
TOTAL	601

Spring 2021		
Total Number of Course Sections Offered	*n* **=** 508	
Course Title(s) that Required or Recommended Course Materials for Less than $20 per Credit Hour		**Number of Section(s)**
ADV 3001 - Advertising Strategy		1
AFA 4242 Contemporary Issues in Africana Studies		1
AMH 2010 - U.S. History: 1492-1877		4
AMH 2020 - U.S. History: 1877-Present		5
AMH 3572 - Black American History II		1
AMH 3800 - Canadian History		1
AMH 4644 - Viewing American History in the Twentieth Century		1
AML 3273 - Beat Literature & Other Mid-Century Writers		1
ANG 6587 - Seminar in Biological Anthropology		1
ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts		2
ANT 3148 - Life & Death in Ancient Egypt		1
ANT 3158 - Florida Archaeology		1
ANT 3161 - Ancient Mexico: Aztec to Zapotec		1
ANT 3173 - Archaeology of Sex		1
ANT 3302 - Sex, Gender, and Culture		1

ANT 4408 - Culture, Disease, and Healing	1
APK 4203 - Monitoring Training and Athletic Performance	2
ARA 1120C - Elementary Arabic Language & Civilization I	1
ARC 3743 - Architectural History 3	1
ARH 3670 - 20th Century Latin American Art	1
ARH 3888 - Art of Walt Disney	1
ARH 4871 - Women in Art	1
ART 2201C - Design Fundamentals Two Dimensional	2
ART 4935 - BFA Exhibit/Seminar	1
ASH 3204 - History of Mesopotamia	1
ASH 4932 - ST: History of Gender and Sexuality Japan	1
AST 4700 - Experimental Methods in Astronomy	1
BOT 4223C - Plant Anatomy	1
BSC 3312 - Principles of Marine Biology	1
BSC 3403C - Quantiative Biological Methods	3
BSC 4861L - Urban Ecological Field Studies	1
BSC 4927 - Scientific and Public Engagement Engagement for Biology Majors	1
CAP 4145 - Introduction to Malware Analysis	1
CAP 5512 - Evolutionary Computation	1
CAP 6110 - Augmented Reality Engineering	1
CAP 6121 - 3D User Interfaces for Games & Virtual Reality	1
CCJ 3024 - Criminal Justice System	2
CCJ 4129 - Cultural Diversity in Criminal Justice	1
CCJ 4670 - Women and Crime	1
CCJ 4694 - Human Trafficking and Criminal Justice	1
CCJ 4934 - Emergent Criminal Justice Issues	1
CCJ 6027 - CJ Responses to Terrorism	1
CCJ 6106 - Policy Analysis in Criminal Justice	1
CCJ 6696 - Criminal Justice Perspectives on Human Trafficking	1
CEG 5405 - Seepage in Soils	3
CGS 2545C - Database Concepts	1
CGS 3763 - Operating System Concepts	1
CHM 2205 - Introduction to Organic & Biochemistry	1
CJE 3001 - Careers in Criminal Justice	5
CJE 4014 - Police and Society	1
CLP 3184 - Women's Mental Health	3
CLP 6938 - Special Topics	1
CNT 5410L - Cyber Operations Lab	3
COM 3802 - Principles of Communication & Conflict	1
COM 4013 - Communication and the Family	1
COM 4805 - Transformative Communication	1

COM 4806 - Communication & Conflict Case Studies	2
CPO 3104 - Politics of Western Europe	1
CPO 4101 - Politics of the European Union	1
CPO 4754 - Comparative Political Institutions	1
CRW 3120 - Fiction Writing Workshop	2
CRW 3211 - Creating Nonfiction Writing	1
CRW 3310 - Poetry Writing Workshop	2
CRW 3610 - Writing Scripts	3
CRW 4122 - Advanced Fiction Writing Workshop	5
CRW 4224 - Advanced Nonfiction Workshop	2
CRW 4616 - Advanced Scriptwriting Workshop	3
CRW 6920 - Fiction Workshop	1
CRW 6921 - Multi-Genre Workshop	1
CWR 4202C - Hydraulics	1
DIG 2000 - Introduction to Digital Media	1
DIG 3602C - Physical Computing	1
DIG 3716C - Client-Side Scripting	2
DIG 4172C - Web Design Workshop II	2
DIG 4326C - Geometrical Modeling Workshop	1
DIG 4359C - Artificial Environments & Effects Workshop	1
DIG 5387C - Visual Development and Design for Animation & Visual Effects	1
DSC 4013 - Homeland Security & Criminal Justice	1
ECO 4443 - Introduction to Business Analytics	1
ECT 4184 - Curriculum Development Techniques for Industry Training	1
ECT 4384 - Advanced Teaching Techniques for Career Education	1
ECT 4815 - Safety in the Technical Education Classroom and Laboratory	1
ECW 3564 - Special Populations in Career & Technical Education	1
ECW 5207 - Management of Career Education Programs	1
ECW 6268 - School, College, and Career Readiness	1
ECW 6666 - Issues in Career Education	1
EDA 6234 - Personnel & Education Related Law	1
EDA 7192 - Educational Leadership	1
EDE 6935 - Capstone Seminar in Elementary Education	1
EDF 2250 - Classroom Management for Substitute Teachers	1
EDF 2720 - Children in Schools: Legal, Ethical, and Safety Concerns	3
EDF 6401 - Statistics for Educational Data	1
EDF 6635 - Capstone: Action Research in Teacher Leadership	2
EDG 7985 - Proposing and Implementing Data-Drive Decisions	1
EDH 6204 - Leadership in College Organizations	1
EDH 6215 - The College Curriculum	1
EDH 7401 - Higher Education & Public Policy	1

EDH 7934 - Higher Education Literature, Research, & Professional Writing Seminar	2
EEC 4940 - Practicum: Early Childhood Development	1
EEE 6712 - Modeling and Analysis of Networked Cyber-Physical Systems	3
EEL 6616 - Adaptive Control	3
EEX 4242 - Teaching Exceptional Students in Secondary Settings	1
EEX 6107 - Teaching Spoken and Written Language	1
EEX 6297 - Assessment, Diagnosis, & Curriculum Prescriptions for Autism	1
EMA 4506 - Emerging Materials	1
EME 6062 - Research in Instructional Technology	1
EME 6613 - Instructional System Design	1
ENC 1101 - Composition I	4
ENC 1102 - Composition II	31
ENC 3241 - Writing for the Technical Professional	2
ENC 3310 - Magazine Writing I	1
ENC 3315 - Argumentative Writing	1
ENC 4215 - Document Design and Publication	2
ENC 4265 - Writing for the Computer Industry	2
ENC 4293 - Document and Project Management	2
ENC 4294 - Client-Based Project Management	2
ENC 4416 - Writing in Digital Environments	1
ENC 4434 - Visual and Material Rhetorics	1
ENC 5705 - Approaches to Teaching College Composition	1
ENC 6261 - Technical Writing, Theory & Practice	1
ENG 3014 - Theories and Techniques of Literature Study	2
ENG 3833 - Marketing Your Writing	1
ENG 3836 - Professional Lives and Literacy Practice	1
ENG 4832 - Scholarly Editing & Publishing	1
ENG 6813 - Interdisciplinary Teaching	1
ENL 2022 - English Literature II	1
ENL 4240 - English Romantic Writers	1
ENL 4303 - British Authors	1
ENL 4341 - Milton and His Age	1
ENT 4013 - New Venture Design	1
ENT 4014 - New Venture Implementation	1
ENT 5016 - New Venture Design	1
ENT 5206 - New Venture Implementation	1
ENT 6418 - Small Business Accounting & Finance	1
ENT 6900 - Entrepreneurship Portfolio	1
ESI 4523 - Systems Simulation	1
EUH 2000 - Western Civilization I	2
EUH 3531 - Medieval Ireland	1

Course		Count
EUH 4283 - Cold War Homefronts		1
EUH 4501 - English History: 1485-1815		1
EVR 1001 - Introduction to Environmental Science		1
EVR 3008 - Foundations of Environmental Studies		2
EXP 3250 - Principles of Human Factors Psychology		1
FIL 1007 - Foundations of Story		1
FIL 3051 - Avant-Garde Cinema		1
FIL 3734C - Intermediate Animation		1
FIL 4042 - History of Animated Films II		1
FIL 4437C - Narrative Production II		1
FIL 4647 - Film Production Management		1
FIL 4661 - The Film Producer		1
FIL 4877C - Experimental Cinema II		1
FIL 6146 - Screenplay Refinement		1
GEB 3031 - Integrated Business Foundation		7
GEB 6938 - ST: Professional Leadership II		2
GER 2201 - Intermediate German Language & Civilization II		1
HAI 1101C - Elementary Haitian Creole & Culture I		1
HBR 1121 - Modern Israeli Hebrew II		1
HFT 3067 - Wines of the World		1
HFT 3813 - Marketing Analysis in the Food Industry		1
HFT 3868 - History and Culture of Wine		1
HFT 4266 - Hopsitality Brand Management		1
HFT 4295 - Leadership and Strategic Management in Hospitality Industry		2
HFT 4377 - Entertainment Production Management		1
HFT 4752 - Management Guest Experience in the Theme Park and Attraction Industry		1
HFT 4795 - Entertainment Arts and Events		1
HFT 4864 - Seminar Quality Brewing and Fine Beer		1
HIM 6217C - Health Care Database Management		2
HIS 3600 - Professionalizing History Majors		1
HIS 4150 - History and Historians		2
HIS 5926 - Colloquium: History of Women and Gender		1
HMG 6296 - Hospitality/Tourism Strategic Issues		1
HSA 4939 - Health Services Administration Capstone		2
HSC 3211 - Preventive Health Care		3
HUM 2020 - Encountering the Humanities		1
HUM 4826 - Postcolonial Theory		1
IDH 4030H - Honors Windows to the World		1
IDS 4939 - General Studies Capstone		4
IDS 6308 - Ways of Knowing		1
IDS 6504 - Adult Learning		1

INR 2002 - International Relations Theory & Practice	1
INR 4030 - Diplomacy	1
INR 4054 - Global Politics of Energy	1
INR 4074 - Immigration Policy	1
INR 4084 - Politics of International Terrorism	2
INR 4351 - International Environmental Law	1
INR 4401 - International Law	1
INR 7337 - Issues in International Security	1
ITW 3100 - Survey of Italian Literature I	1
JOU 3015 - Principles of Journalism	1
JOU 3101 - Advanced Reporting	1
JOU 3184C - Metro Reporting	1
JOU 3201 - Editing I	1
JOU 3951 - Knightly Latino	1
JOU 4300 - Feature Writing	1
JOU 4340C - Online Journalism I	1
JOU 4700 - Journalism Ethics	1
JOU 4950 - Senior Capstone in Journalism	1
JPN 1120C - Elementary Japanese Language & Civilization I	4
JPN 1121C - Elementary Japanese Language & Civilization II	4
JST 3402 - Jewish People in the Common Era	1
JST 3415 - American Jewish History	1
JST 3821 - Israel: Start-up Nation	1
KOR 1121C - Elementary Korean Language and Civilization II	2
LAE 3414 - Literature for Children	1
LAE 5496 - Disciplinary Literacy in the Content Areas	1
LAH 3470 - History of the Caribbean	1
LAS 3026 - Cuba: A Collective Portrait	1
LDR 2262 - Focused Volunteer Community Service	1
LDR 3115 - Contemporary Issues in Leadership	4
LIN 3713 - Language Science	1
LIN 4660 - Linguistics and Literature	1
LIT 2120 - World Literature II	1
LIT 4433 - Literature of Science and Technology	1
LIT 6216 - Issues in Literary Study	1
MAC 2147 - Mathematics for Calculus	1
MAC 2311C - Calculus with Analytic Geometry I	4
MAD 4301 - Introduction to Graph Theory	1
MAE 3311 - Elementary Mathematics for Teaching II	5
MAN 6296 - Executive Leadership	1
MAN 6448 - Conflict Resolution & Negotiation	3

MAR 4804 - Marketing Strategy	2
MAS 3105 - Matrix and Linear Algebra	11
MCB 1000 - The Invisible World	1
MCB 3903 - Explorations in Biomedical Science Research	1
MHS 3426 - Diversity Issues in Human Services	1
MHS 6020 - Mental Health Care Systems	1
MHS 6938 - ST: Advanced Diagnosis & Treatment Applications	1
MLS 3305L - Hematology Lab	1
MMC 4411 - AD-PR Campaigns	2
MMC 4602 - Contemporary Media Issues	1
MTG 5256 - Differential Geometry	1
MUC 4610 - Film Music Composition	1
MUE 4335 - Secondary Choral Methods II	1
MUE 4337 - Secondary Instrumental Methods II	1
MUH 6935 - Music History Seminar	1
MVV 4640 - Voice Pedagogy	1
MVV 5651 - Voice Pedagogy	1
MVW 1413 - Clarinet I	1
NGR 6723L - Nursing Leadership Role Specialization Practicum	2
NGR 7808 - Qualitative Methods Nursing & Healthcare II	1
NUR 3225 - Nursing Care of the Adult I	1
PAD 4104 - Administrative Theory	1
PAD 4144 - Nonprofit Organizations	1
PAD 4147 - Resource Development in the Nonprofit Sector	1
PAD 4153 - Planning & Improvement for Public Organizations	1
PAD 6062 - Advanced Concepts & Applications in Public Administration	2
PAD 6086 - Advanced Concepts & Applications in Emergency and Crisis Management	1
PAD 6335 - Strategic Planning & Management	2
PAD 6700 - Research Methods in Public Administration	1
PCB 3703C - Human Physiology	2
PCB 5709C - Laboratory Virtual Simulations in Physiology	1
PEM 2121C - Yoga	1
PEM 2131 - Strength Resistance Training	1
PEO 2011 - Team Sports	1
PET 3005 - Introduction to Kinesiology	1
PET 3351 - Applied Exercise Physiology	2
PET 3820 - Teaching Sports Skills I	1
PET 4763 - Coaching Methods and Principles	1
PGY 3002 - Contemporary Photography	1
PGY 3204C - Experimental Studio Lighting in Photography	1
PGY 3205C - Photographic Lighting Techniques	1

PGY 3651C - Narrative Editorial Photography	1
PHH 3200 - Medieval Philosophy	1
PHI 2010 - Introduction to Philosophy	2
PHI 4221 - Philosophy of Language	1
PHI 4938 - Senior Research Seminar	1
PHY 4012 - Teaching Introductory Physics	1
PLA 3155 - Legal Writing	2
PLA 4226 - Advanced Trial Advocacy	1
PLA 4410 - Intellectual Property Law and Practice	1
PLA 4436 - Florida Partnerships & Corporations	1
PLA 4511 - Law and Human Behavior	1
PLA 4705 - Professionalism & Civility in the Law	4
PLA 4807 - Adoption Law	1
PLA 4935 - Capstone: Legal Issues	1
PLA 4956 - Undergraduate Law Journal	1
PLA 6515 - Understanding Human Behavior and Conflict	1
POS 2041 - American National Government	1
POS 3703 - Scope & Methods of Political Science	2
POS 4204 - Political Behavior	1
PSB 3842 - Sleep and Dreams	1
PUP 3204 - Sustainability	1
PUR 3100 - Writing for Public Relations	3
PUR 4400 - Crisis Communication	1
PUR 4600 - PR Strategies	1
PUR 6005 - Theories of Public Relations	1
PUR 6403 - Crisis Public Relations	1
RED 3012 - Basic Foundations of Reading	1
RED 4043 - Content Reading in Kindergarten through Grade 12	2
RED 5147 - Developmental Reading	1
REL 3045 - Interfaith Dialogue	1
REL 3340 - Buddhism	1
RTV 3543C - Principles of Studio Production	1
RTV 3571C - Advanced Video Post-Production	1
RTV 3576C - Principles of Post Production	1
RTV 3581C - Lighting & Advanced Videography	2
SCE 3053 - Elementary Science for Teaching	5
SPA 6432 - Issues in Autism	1
SPB 4304 - Sports Event and Facility Management	1
SPC 1608 - Fundamentals of Oral Communication	1
SPN 1150C - Intensive Beginning Spanish	5
SPN 3930H - ST: Honors Spanish Health Conversation & Culture	1

SPS 6125 - Preschool Psycheducational Assessment	1
SPS 6206 - Psychoeducational Interventions	1
SSE 4936 - Programs in Teaching Social Science	1
SSE 5391 - Global Education: Theory & Practice	2
STA 2023 - Statistical Methods I	1
SYO 3408 - Animals and Health	1
SYP 3060 - Sociology of Sex & Reproduction	1
SYP 3511 - Sociology of Murder	1
SYP 4004 - Constructing Social Issues	1
THE 2305 - Script Analysis for Theatre	1
THE 3082 - Theatre Careers	1
THE 4423 - Women in Theatre	1
THE 4543H - Honors Theatre for Social Change	1
THE 5425 - Women in Theatre	1
TPA 2200 - Introduction to Technical Theatre	1
TPA 2232C - Costume Construction	2
TPA 4401C - Theatre Careers in Production	1
TPA 4602 - Stage Management: Applications	1
TPP 2110C - Acting I: Introduction	2
TPP 3173C - Acting III: Building the Character	1
TPP 4142C - Acting Verse	1
TPP 4223C - Theatre Careers in Performance	1
TPP 5516C - Movement Studio II	1
TSL 4240 - Issues in Second Language Acquisition	8
TSL 4363 - ESL Classroom Experiences	1
TSL 4942 - ESOL Field Experience	1
TSL 4943 - L2 Academic Language Instruction	1
TSL 6142 - Critical Approaches to ESOL	1
TSL 6347 - TESOL Listening, Speaking, and Pronunciation	1
VIC 3001 - Visual Communication	2
VIC 4312 - Power Branding	1
WST 3371 - Women and Leadership	2
WST 3460H - Honors Women, Race, & Struggle	1
WST 3561 - Third Wave Feminisms	1
XXX 4941 - Intership	3
TOTAL	508

Courses with No Cost for Textbooks/Instructional Materials

Report all institution's course title(s) and number of section(s) (*n=*) that did not require or recommend the purchase of a textbook(s)/instructional materials and/or utilized open educational resources. These may include general education courses, upper level courses, and courses for directed independent study, internships, thesis/dissertation, etc.

Fall 2020	
Total Number of Course Sections Offered	*n* **=** 8058

Course Title(s) with No Cost to the Student for Course Materials	Number of Section(s)
ACG 6636 - Advanced Auditing	1
ACG 6675 - Operational Auditng	1
ACG 6805 - Accounting Theory	1
ACG 6835 - Ethics & Professionalism in Accounting & Auditing	1
ACG 7887 - Accounting Researchc Forum	1
AFR 1101 - Heritage and Values of the United States Air Force I	3
AFR 2130 - Team and Leadership Fundamentals I	3
AFR 3220 - Leading People and Effective Communication I	1
AFR 4201 - National Security Affairs & Preparation for Active Duty I	1
AMH 2010 - U.S. History: 1492-1877	1
AMH 2020 - U.S. History: 1877-Present	5
AMH 3558 - History of American Law	1
AMH 4512 - U.S. Foreign Relations from the Founding Era to WWII	1
AMH 4594H - Honors Laser Scanning America's Past	1
ANG 5937 - Special Topics	1
ANG 6931 - Science, Technology, and the Transformation of Human Societies	1
ANT 2000 - General Anthropology	4
ANT 3026 - Mummies, Zombies, & Vampires: Anthropology of the Undead	1
ANT 3154 - A Survey of American Historical Archaeology	1
ANT 3302 - Sex, Gender, and Culture	1
ANT 4521 - Forensic Anthropology	1
ANT 4560 - Birth to Death: Anthropological Perspectives on Human Growth	1
ANT 4932 - ST: Digital Anthropology	1
ARC 3320L - Architectural Design 5	2
ARC 4322L - Architectural Design 7	2
ARE 4356 - Teaching Art Appreciation & Criticism in the Classroom	1

ARE 4453 - Studio Experiences in Art Education	1
ARE 6195 - Teaching Art Appreciation with Interdisciplinary Strategies	1
ARH 5897 - Advanced Seminar in Art History	1
ART 2201C - Design Fundamentals Two Dimensional	8
ART 2203C - Design Fundamentals Three Dimensional	6
ART 2300C - Drawing Fundamentals I	8
ART 2301C - Drawing Fundamentals II	8
ART 2500C - Beginning Painting	1
ART 2701C - Sculpture	1
ART 5754C - Beginning Ceramics	1
ART 2823 - Art as Interface	1
ART 3161 - Mixed Media	1
ART 3170C - Book Binding	1
ART 3321C - Drawing Intensive	1
ART 3332C - Intermediate Drawing	1
ART 3433C - Screenprinting	2
ART 3504C - Intermediate Painting	2
ART 3709C - Intermediate Sculpture	1
ART 3737C - Narrative Sculpture	3
ART 3761C - Intermediate Ceramics	1
ART 3833C - Processes and Ideas in Art	1
ART 3930C - ST: Observational Painting	1
ART 3950 - Portfolio Review	1
ART 3951C - Design Intensive	1
ART 4320C - Advanced Drawing	1
ART 4402C - Advanced Printmaking	1
ART 4505C - Advanced Painting	2
ART 4710C - Advanced Sculpture	1
ART 4783C - Advanced Ceramics	1
ART 5410C - Advanced Printmaking	1
ART 5585C - Advanced Painting	2
ART 5696 - Art, Design, & Human Interactions	1
ART 5745C - Advanced Sculpture	1
ART 6683 - Time Arts	1
ART 6911C - Studio Concentration II	1
ART 6930 - Graduate Seminar	1
ASH 3200 - Ancient Near Eastern Societies	1

AST 2002 - Astronomy	1
AST 4142 - Asteroids, Comets, Meteorites	1
AST 5145 - Advanced Asteroids, Comets, & Meteorites	1
ATR 5017 - Foundational Behaviors of Athletic Training Practice II	1
ATR 5815L - Practicum in Athletic Training I	1
ATR 6309C - Therapeutic Interventions in Athletic Training IV	1
ATR 6845L - Practicum in Athletic Training IV	1
BCH 4103L - Biochemical Methods	1
BME 3211 - Engineering Biomechanics	1
BME 6935 - Topics in Biomedical Engineering	3
BMS 6938 - Special Topics	1
BOT 4530C - Plant Genomics & Biochemistry	1
BOT 5937 - Special Topics	1
BSC 2010C - Biology I	34
BSC 2011C - Biology II	25
BSC 4434 - Biomedical Informatics: Sequence Analysis	1
BSC 4456C - Programming for Biologists	1
BSC 4932 - ST: Scientific Diving	1
BSC 4937 - Instructional Experiences in Undergraduate Biology	3
BSC 5408L - Advanced Biology Laboratory Techniques	16
BSC 5937 - Special Topics	2
BSC 6407C - Laboratory Methods in Molecular Biology	2
BSC 6431 - Practice of Biomedical Sciences	1
BSC 6432 - Biomedical Sciences I	1
BSC 6935 - Seminar in Biology	1
BUL 5332 - Advanced Business Law Topics	2
CAP 4453 - Robot Vision	2
CAP 4611 - Algorithms for Machine Learning	1
CAP 4932 - ST: Natural Language Processing	1
CAP 5115 - Virtual Reality Engineering	1
CAP 5510 - Bioinformatics	1
CAP 6307 - Text Mining I	2
CAP 6411 - Computer Vision Systems	1
CAP 6614 - Current Topics in Machine Learning	1
CAP 6942 - Project in Data Analytics	1
CCE 5220 - Sustainable Infrastructure Systems	3
CCJ 4681 - Domestic Violence and the Justice System	1

CCJ 5456 - The Administration of Justice	1
CCJ 6485 - Issues in Justice Policy	1
CCJ 7096 - Seminar in Criminal Justice Systems	1
CCJ 7727 - Advanced Research Methods in Criminal Justice	1
CDA 5106 - Advanced Computer Architecture	1
CDA 6107 - Parallel Computer Architecture	1
CEG 6515 - Retaining Structures and Slope Stability	3
CGN 3700C - Civil Engineering Measurements	4
CGN 4808C - CECS Capstone Design	2
CGN 5341 - Interdisciplinary Introduction to Smart Cities' Applications	3
CGN 6655 - Regional Planning, Design, and Development	3
CGS 3175 - Internet Applications	1
CGS 5131 - Computer Forensics I: Seizure and Examination of Computer Systems	3
CHM 2045C Chemistry Fundamentals I	20
CHM 2046L - Chemistry Fundamentals Laboratory	30
CHM 3120L - Analytical Chemistry Laboratory	2
CHM 3215L -Organic Laboratory Techniques II	2
CHM 4130L - Advanced Analytical Chem Laboratory	1
CHM 4220 - Organic Chemistry III	1
CHM 4930 - Chemistry Seminar I	1
CHM 4931 - Chemistry Seminar II	1
CHM 5450 - Polymer Chemistry	1
CHM 6710 - Applied Analytical Chemistry	1
CHM 6936 - Graduate Chemistry Seminar	1
CHS 3533L - Forensic Biochemistry I Laboratory	2
CHS 4515C - Forensic Crime Scene Investigation	2
CHS 4591 - Forensic Science Internship	1
CHS 6513 - Quality Assurance for Forensic Scientists	1
CHS 6536 - Population Genetics and Genetic Data	1
CHS 7938 - Frontiers in Chemistry	1
CIS 3921 - Careers in IT	1
CIS 3990 - IT Career and Academic Advising I	10
CIS 4203C - Digital Forensics	1
CIS 4991 - IT Career and Academic Advising II	10
CIS 6206 - Electronic Discovery for Digital Forensics Professionals	1
CIS 6395 - Incident Response Technologies	2
CJE 3001 - Careers in Criminal Justice	1

CJE 6706 - Seminar in Police Socialization & Culture	1
CLP 3143 - Abnormal Psychology	1
CLP 4134 - Childhood Psychopathology	1
CLP 6460C - Introduction to Child, Adolescent, & Family Therapies	1
CLP 6949 - Predoctoral Internship	1
CLP 7943C - Clinical Practicum	3
CNT 4603 - System Administration & Maintenance	1
CNT 4714 - Enterprise Computing	1
CNT 5008 - Computer Communication Networks Architecture	1
CNT 5805 - Network Science	1
CNT 6519 - Wireless Security & Forensics	1
CNT 6707 - Advanced Computer Networks	1
COM 3003 - Exploring Human Communication	1
COM 4221 - Health Literacy	1
COM 4332 - Communication Technology & Change	1
COM 5312 - Introduction to Communication Research	1
COM 6463 - Studies in Intercultural Communication	1
COM 6467 - Studies in Persuasion	1
COM 7236 - Seminar in Risk & Crisis Communication	1
COM 7529 - Strategic Communication	1
COM 7920 - Doctoral Colloquium	1
COP 2930 - ST: Intro to Programming	1
COP 4331C - Processes for Object-Oriented Software Development	6
COP 4910 - Frontiers in Information Technology	3
COP 4934 - Senior Design I	1
COP 4935 - Senior Design II	1
COP 5711 - Parallel & Distributed Database Systems	1
COP 6526 - Parallel and Cloud Computation	1
COT 3960 - CS Foundation Exam	1
COT 5570 - Introductory Mathematics for Modeling & Simulation	2
COT 6602 - Introduction to Quantum Information Theory	1
CRW 3310 - Poetry Writing Workshop	1
CRW 3950 - Cypress Dome Editorship	1
CRW 4122 - Advanced Fiction Writing Workshop	1
CRW 4724 - The Florida Review	1
CRW 6720 - Professional Development in Creative Writing	1
CRW 6921 - Multi-Genre Workshop	1

CYP 6948C - Psychology Internship	2
DAA 2000C - Introduction to Theatre Dance	1
DAA 2520C - Tap Dance I	1
DAA 2570C - Jazz Dance I	1
DAA 3004L - Dance Studio	1
DAA 3208C - Ballet III	1
DAA 3508C - Jazz Dance III	1
DAA 3524C - Tap Dance III	1
DAA 3612 - Dance Improvisation/Composition I	1
DEP 3464 - Psychology of Aging	1
DIG 2030 - Digital Video Fundamentals	1
DIG 2109 - Digital Imaging Fundamentals	3
DIG 2783 - Fundamentals of Game Art	1
DIG 3024 - Digital Cultures & Narrative	1
DIG 3134C - Server-Side Scripting	1
DIG 3146 - Social Platforms	1
DIG 3175 - Design for Accessibility and Engagement	1
DIG 3480 - Computer as a Medium	2
DIG 3602C - Physical Computing	2
DIG 3716C - Client-Side Scripting	2
DIG 3727C - Game Level Design	2
DIG 3728C - Game Testing	1
DIG 3951 - Character Animation Portfolio Review	1
DIG 4104C - Web Design Workshop I	2
DIG 4138 - Digital Sculpting	4
DIG 4206C - New Imagery in Motion Workshop	1
DIG 4324C - Modeling for Realtime Systems II	2
DIG 4486C - Visual Language of Moving Image II	2
DIG 4624C - Digital Production in Artificial Environments	2
DIG 4639C - Mobile Development	2
DIG 4713 - Game Design	1
DIG 4720C - Casual Game Production	8
DIG 4725C - Game Design Workshop I	10
DIG 4778C - Game Design Tools & Plugins	4
DIG 4780C - Modeling for Realtime Systems	3
DIG 5348C - Digital Asset Creation	4
DIG 5529C - Production for Media	1

DIG 5548C - Rapid Prototype Production I	3
DIG 5557C - Production and Design I	4
DIG 5637 - Game Programming Fundamentals	1
DIG 6524 - Studio I	1
DIG 6812 - Digital Interactions for Informal Learning	1
DIG 6817 - Contemporary Topics in Interactive Media	1
DIG 6866C - Technical Problem Solving for Animation and Visual Effects	1
DIG 6944C - Game Design Practicum	1
DIG 6947C - Digital Venture Practicum	1
EAP 2851 - English for Academic Purposes II	3
EAS 3933 - Aerospace Career and Acacdemic Faculty Advising I	33
EAS 4931 - Aerospace Career and Academic Faculty Advising II	1
ECO 2013 - Principles of Macroeconomics	2
ECO 2023 - Principles of Microeconomics	2
ECO 3070 - Tutoring/Teachicng Techniques for Undergraduate Economics	1
ECP 3004 - Seminar on Current Economic Topics	1
EDA 6931 - Contemporary Issues in Educational Leadership	1
EDA 6932 - Issues in Education	1
EDE 4301 - Elementary Education Capstone Colloquium	6
EDF 6237 - Principles of Learning & Introduction to Classroom Assessment	1
EDF 7478 - Analysis of Data and Complex Problems of Practice	1
EDG 2000 - Careers in K-12 Education	3
EDG 4942 - Lifelong Learning Education Internship	1
EDG 4948 - Service Learning	1
EDG 4954 - International Education Field Experience	1
EDG 6329 - Quality Teaching Practices	1
EDG 6775 - Exploring Global Educational Issues in International Contexts	1
EDG 6940 - Graduate Internship	1
EDG 7985 - Proposing & Implementing Data-Driven Decisions	1
EDG 7987 - Dissertation in Practice	16
EDP 6936 - Capstone in Applied Learning & Instruction	1
EEC 6947 - Practicum in Child, Family, and Community Sciences	1
EEC 7945 - Early Childhood: Internship in Teaching and Supervision	1
EEC 7948 - Early Childhood: Internship in Research	1
EEL 3926L - Junior Design	5
EEL 4915L - Senior Design II	2
EEL 5255 - Advanced Power Systems Analysis	3

EEL 5268 - Communications & Networking for Smart Grid	3
EEL 5722C - Field-Programmable Gate Array (FPGA) Design	3
EEL 6251 - Power System Optimization	3
EEX 3830 - Practicum in Exceptional Student Education	1
EEX 4070 - Teaching Exceptional Students	1
EEX 4601 - Introduction to Behavior Management	1
EEX 6061 - Instructional Strategies Pre-K-6	1
EEX 6218 - Diagnostic Assessment and Intervention Planning in Exceptional Education	1
EEX 7527 - Professional Writing Grant Writing in Special Education	2
EEX 7865 - Internship in College Instruction in Special Education	1
EEX 7866 - Internship in Practicum Supervision in Special Education	2
EEX 7936 - Current Issues Trends in Special Education	1
EGS 3030 - Leadership in Engineering I	1
EGS 4950 - Engineering Leadership Capstone	1
EIN 4891C - Industrial Engineering Senior Design Project	1
EIN 6258 - Human Computer Interaction	3
EIN 6326 - Technology Strategy	1
EMA 3000 - Engineering Polymeric Materials	1
EMA 4602C - Material Processing Laboratory	2
EMA 5106 - Metallurgical Thermodynamics	3
EMA 5504 - Modern Characterization of Materials	3
EMA 5585 - Materials Science of Thin Films	3
EMA 5586 - Photovoltaic Solar Energy Materials	3
EMA 6611 - Optoelectricals Materials Processing	3
EME 2040 - Introduction to Technology for Educators	2
EME 6053 - Teaching & Learning with Emerging Technologies	1
EME 6457 - Distance Education: Technology Process Product	1
EME 6705 - Administration of Instructional Technology	1
EME 7942 - Doctoral Internship in Educational Technology	2
EML 3933 - Mechancial Engineering Career and and Academic Faculty Advising I	32
EML 4024C - Engineering Design Practice	2
EML 4301C - Mechanical Systems Laboratory	6
EML 4306C - Energy Systems Laboratory	7
EML 4931 - Mechanical Engineering Career and Academic Faculty Advising II	1
EML 5090 - Mechanical & Aerospace Seminar	3
EML 6299 - Advanced Topics on Miniaturization	3
EML 6547 - Engineering Fracture Mechanics in Design	3

EML 6572 - Probabilistic Methods in Mechanical Design	3
ENC 1101 - Composition I	22
ENC 1102 - Composition II	11
ENC 3314 - Writing & Rhetoric Foundations	2
ENC 3373 - Cultural Rhetorics	1
ENC 3417 - Literacy and Technology	1
ENC 3473 - Writing in Disciplinary Cultures	1
ENC 3502 - Researching Writing and Literacy	1
ENC 4275 - Theory and Practice of Tutoring Writing	1
ENC 4353 - Writing for Social Change	1
ENC 4379 - Writing and Rhetoric Capstone	1
ENC 4415 - Digital Rhetorics & the Modern Dialectic	2
ENC 4416H - Honors Writing in Digital Environments	1
ENC 4950 - Writing ePortfolio	1
ENC 5276 - Theory and Practice of Tutoring Writing	1
ENC 5703 - Composition Histories and Theories	1
ENC 5933 - Seminar for Peer Writing Consultants	2
ENC 6297 - Production & Publication Methods	1
ENG 3073 - Cultural Studies Literature	1
ENG 3612 - Trends in Literary, Cultural, and Textual Studies	1
ENL 3451 - Topics in British Literature	1
ENT 3613 - Creativity & Entrepreneurship	3
ENT 5016 - New Venture Design	1
ENT 5619 - Creativity & Entrepreneurship	1
ENT 5946 - Small Business Consulting	1
ENT 6617 - Innovation & Entrepreneurship Strategy	1
ESE 4033C - Critical Issues and Trends in Secondary Education	7
ESE 6256 - Critical Issues in Secondary Education	3
ESE 6427 - Capstone: Action Research in Secondary Education	1
ESI 6552 - Systems Architecture	1
EVR 1001H - Honors Introduction to Environmental Studies	1
EVR 4940 - Capstone Environmental Studies	2
EXP 6255 - Human Performance	1
EXP 6258 - Human Factors III	1
EXP 6506 - Human Cognition and Learning	1
FIL 1000 - Cinema Survey	2
FIL 1008 - Cinematic Expression I	1

FIL 2030 - History of Motion Pictures	2
FIL 2107 - Script Analysis	1
FIL 2424 - Introduction to Film Production	1
FIL 2480 - Directing Techniques for Film	1
FIL 2481 - Directing the Actor for Film I	1
FIL 2534 - Sound Design for Film I	1
FIL 2552 - Editing I	3
FIL 3006 - Art of the Cinema	1
FIL 3036 - Film History I	1
FIL 3051 - Avant-Garde Cinema	1
FIL 3102 - Writing for Film and TV	1
FIL 3115 - Short Script I	2
FIL 3401 - Research Methods for Filmmakers	1
FIL 3720C - Introduction to Animation	3
FIL 3826 - American Cinema	1
FIL 3842 - International Cinema	1
FIL 3880C - Images of Women in Film	1
FIL 3970H - Honors Undergrad Thesis	2
FIL 4162C - Feature/TV Writing I	1
FIL 4428C - Narrative Production I	1
FIL 4434C - Capstone I: The Professional Practice	1
FIL 4566C - Editing II	2
FIL 4615C - Film Marketing and Exhibition	1
FIL 4735C - Experimental Animation	3
FIN 3414 - Intermediate Corporate Finance	1
FIN 4451 - FinTech for Decision Makers	1
FIN 4514 - Portfolio Analysis and Management	2
FIN 6465 - Financial Analysis Seminar	2
FRE 3420 - French Composition	1
FRE 4950C - FRE Portfolio	1
FRT 3830 - Medical French Translation & Interpretation	1
FRT 4421 - French Medieval Literature & Culture	1
FSS 2284C - Food Preparation for Catered Events	3
GEB 4451 - Buisness Climate Analysis	7
GEB 4513 - Applied Business Technologies	7
GEB 4522 - Data Driven Decision Making	7
GEB 6037 - Business Foundations and Career Development	1

GEO 2370 - Resources Geography	1
GLY 1030 - Geology and Its Applications	1
GMS 6860 - Statistics for Biomedical Scientists	1
GRA 2101C - Introduction to Computer Art	1
GRA 2151C - Illustration	1
GRA 3102C - Intermediate Graphic Design I	2
GRA 3202C - Type & Design	2
GRA 3747C - Intermediate Illustration I	2
GRA 3950 - Graphic Design Portfolio Application	1
GRA 4196C - Advanced Graphic Design	2
GRA 4802C - Advanced Computer Graphic Design	5
HFT 1931 - ST: Applied Quantiative Analysis for Hospitality	1
HFT 3357 - Sport & Club Event Operations	1
HFT 3384 - Sport & Club Enterprise Management	1
HFT 3447 - Data Management & Internet Security for Hospitality Organizations	1
HFT 3463 - Revenue Strategies in the Entertainment Industry	1
HFT 3519 - Event Services	2
HFT 4378 - Entertainment Portfolio Management	1
HFT 4398 - Entertainment Entrepreneurship	1
HFT 4542 - Strategic Event Design	2
HFT 4754 - Exhibit & Trade Show Operations	1
HFT 4755 - Theme Park & Attraction Management	3
HFT 4758 - Operation Issues in the Theme Park and Attraction Industry	1
HFT 4759 - Product Development in Theme Parks and Attactions	1
HFT 4796 - International Events	1
HIM 3806C - Professional Practice Experience I	1
HIM 4838 - Management Affiliation	1
HIM 4998 - Internship Orientation	1
HIS 4150 - History and Historians	2
HIS 4959 - History Portfolio	2
HIS 6905 - History Capstone Class	1
HIS 6942 - Internship	1
HMG 6738 - Tourism Industry Analysis	1
HMG 6756 - Mega-Events	1
HMG 6797 - Event Administration	2
HMG 7295 - Theories in Hospitality and Tourism	1
HMG 7587 - Foundations in Hospitality and Tourism Research	1

HSA 3104 - Health Services Administration Cornerstone	3
HSA 4003 - The Patient Experience from an Admininstrator's Perspective	1
HSA 4850 - Health Services Administration Internship	2
HSA 4853 - Internship Orientation	1
HSA 6925 - Capstone in HSA	1
HSC 2000 - Introduction to Careers Health Profession	1
HSC 3211 - Preventive Health Care	1
HSC 3593 - HIV Disease: A Human Concern	1
HSC 4564 - Health Care Needs of the Elderly	1
HSC 4930 - Health Sciences Seminar	2
HUM 2020 - Encountering the Humanities	11
HUM 3800 - Research Methods in Humanities	1
IDC 5602 - Cybersecurity Multidisciplinary Approach	2
IDC 6941 - Capstone in Modeling and Simulation of Behavioral Cybersecurity	2
IDH 1920H - Honors Freshman Symposium	32
IDH 3101H - Honors Cultural Traditions of India	1
IDH 4030H - Honors Windows to the World	1
IDS 1911 - Undergraduate Research	1
IDS 3913 - Undergraduate Research	3
IDS 3947 - Internship	13
IDS 4934 - Capstone Experience	1
IDS 4947 - Internship	10
IDS 4999 - Graduation Requirement Course	2
IDS 5127 - Foundations of Bio-Imaging Science	1
IDS 5947 - Internship	11
IDS 6145 - Simulation Techniques	2
IDS 6147 - Perspectives on Modeling and Simulation	2
IDS 6250 - Introduction to Nanoscience and Nanotechnology	1
IDS 6253 - Bioanalytical Technology	1
IDS 6255 - Nanotechnology in Energy & Sustainability	1
IDS 6260 - Properties of Materials at Nanoscale	1
IDS 6262 - Research Design for Modeling & Simulation	2
IDS 6910 - Research in Mathematics and Science Education	2
IDS 6938 - ST: Modeling Neuronal Systems	2
IDS 6947 - Internship	4
IDS 6953 - Urban and Regional Planning Capstone I	1
IDS 6999 - Graduation Requirement	2

IDS 7500 - Seminar in Educational Research	11
IDS 7690 - Frontiers in Biomedical Sciences	2
IDS 7692L - Experiments in Biomedical Sciences	4
INP 6005 - Overview of Research in Industrial and Organizational Psychology	1
INP 6933 - Seminar in Industrial and Organizational Psychology	1
INP 7081 - Professional Issues in Industrial and Organizational Psychology	1
INR 4404 - Space Law	1
INR 6067 - Human Rights and Security	1
INR 6254 - Internatioanl Relations of Africa	1
INR 7332 - Scientific Study of Security	1
ISC 2054 - STEM Seminar I	2
ISC 3523 - Research Methods for Environmental Studies	1
ISC 6416 - History of Physical Science & Cultural Connections	1
ITA 3760 - Advanced Italian Oral Communication	1
JOU 3313C - Sports Reporting	1
JOU 4447 - Magazine Editing & Production	1
JST 3450 - Modern Jewish Experience	1
LAE 3414 - Literature for Children	1
LAE 7939 - ST: Seminar Research & Scholarship	1
LAS 4910 - LAS Capstone	1
LDR 2262 - Focused Volunteer Community Service	6
LDR 3215 - Leadership through Service: An Advanced Leadership Experience	12
LIT 4244 - World Authors	1
MAE 3310 - Elementary Mathematics for Teaching I	1
MAE 3311 - Elementary Mathematics for Teaching II	2
MAE 4326 - How Children Learn Mathematics	1
MAE 4360 - Mathematics Instructional Analysis	1
MAE 5327 - Teaching Middle School Mathematics	1
MAE 5336 - Current Methods in Secondary School Mathematics	1
MAE 7945 - Internship in Mathematics Education	1
MAN 3302 - Essentials of Human Resource Management for Integrated Business	6
MAN 4143 - Leadership Development	1
MAN 4583 - Project Management	7
MAN 4720 - Strategic Management	14
MAN 6245 - Organizational Behavior & Development	4
MAP 4112 - Mathematical Foundations of Machine Learning and Artificial Intelligence	1
MAP 6207 - Optimizational Theory	1

MAR 3391 - Professional Selling	4
MAR 3407 - Integrated Marketing and Sales	6
MAR 3613 - Marketing Research	2
MAR 3615 - Marketing Analysis	2
MAR 3765 - Entrepreneurial Marketing	1
MAR 4803 - Marketing Management	1
MAR 4804 - Marketing Strategy	1
MAR 4832 - Product Management	2
MAR 6416 - Sales and Marketing Strategies	1
MAR 6466 - Strategic Supply Chain and Operations Management	3
MAR 6816 - Strategic Marketing Management	4
MCB 1310 - Introduction to Biotechnology & Genetic Engineering	1
MCB 4653 - Applied Industrial Microbiology	2
MCB 4720 - Industrial Prespectives Seminar	1
MCB 4721C - Methods in Biotechnology	3
MCB 4940 - Methodology in Biomedical Sciences	1
MCB 5722C - Methods in Biotechnology	2
MCB 6026 - Molecular Biology & Microbiology Capstone	19
MCB 6938 - Seminar	2
MHS 2331 - Career Planning II	1
MHS 6420 - Foundations of Multicultural Counseling	1
MHS 6803 - Practicum in Counselor Education	14
MHS 6830 - Counseling Internship	6
MHS 7700 - Literature and Leadership in Counselor Education	1
MHS 7801 - Advanced Practicum in Counselor Education	1
MHS 7808 - Internship in Counseling Supervision	1
MHS 7840 - Internship in Couselor Education	1
MLS 4830L - Clinical Chemistry Laboratory Practicum	1
MLS 4831L - Immunohematology Laboratory Practicum	1
MLS 4833L - Microbiology Laboratory Practicum	1
MMC 3200 - Mass Communication Law	1
MSL 1001C - Foundations of Officership	2
MSL 2101C - Individual Leadership Studies	2
MSL 3201C - Leadership and Problem Solving	1
MSL 4301C - Leadership and Management	1
MUC 1201C - Applied Composition I	1
MUC 2202C - Applied Composition II	1

MUC 3105C - Composition III	1
MUC 4106C - Composition IV	2
MUC 4950 - Composition Recital	1
MUC 5112 - Composition V	2
MUC 6251 - Composition VI	2
MUE 2440 - String Techniques	1
MUE 2460 - Brass Techniques	1
MUE 4311 - Elementary School Music Methods	1
MUE 4791 - BME ePortfolio	1
MUG 6306 - Conducting and Literature	4
MUH 4814 - Jazz Styles and Analysis	1
MUH 5816 - Jazz Styles and Analysis	1
MUL 2010H - Honors Enjoyment of Music	1
MUL 3463 - Percussion Literature	1
MUL 4443 - Brass Literature and Pedagogy	1
MUL 5448 - Brass Literature and Pedagogy	1
MUN 2442 - Percussion/Mallet Ensemble	1
MUN 3113 - Marching Band	1
MUN 3123L - Concert Band	1
MUN 3133 - Symphonic Band	1
MUN 3143 - Wind Ensemble	1
MUN 3283 - Symphony Orchestra	1
MUN 3313 - University Chorus	1
MUN 3323 - Women's Chorus	1
MUN 3343L - Chambers Singers	1
MUN 3423 - Woodwind Ensemble	2
MUN 3426 - Saxophone Ensemble	1
MUN 3427 - Flute Ensemble	1
MUN 3431L - Brass Quintet	2
MUN 3433 - Brass Ensemble	1
MUN 3437 - Trumpet Ensemble	1
MUN 3443 - Percusion Ensemble	1
MUN 3444 - Mallet Ensemble	1
MUN 3453 - Piano Ensemble	1
MUN 3483 - String Ensemble	2
MUN 3487 - Guitar Ensemble	1
MUN 3493 - New Music Ensemble	1

MUN 3713 - Jazz Ensemble	2
MUN 3714 - Jazz Combo	5
MUN 3813 - Steel Drum Ensemble	1
MUN 5125 - Concert Band	1
MUN 5145 - Wind Ensemble	1
MUN 5215 - Symphony Orchestra	1
MUN 5325 - Women's Chorus	1
MUN 5368L - Graduate Chamber Singers	1
MUN 5385L - Graduate University Chorus	1
MUN 5445 - Percussion Ensemble	1
MUN 5465L - Graduate Chamber Music	4
MUN 5715L - Jazz Ensemble	2
MUN 5716L - Jazz Chamber Group	3
MUS 1010 - Music Forum	2
MUS 1250 - IPA for Singers	1
MUS 3953 - Recital Performance I	1
MUS 4900 - Music BA Capstone Project	1
MUS 4905 - Directed Experience	2
MUS 4954 - Recital Performance II	1
MUS 6465 - Intensive Chamber Music	1
MUS 6975L - Graduate Project	1
MUS 6976L - Graduate Recital	1
MUT 1004 - Fundamentals of Music I	1
MUT 2126 - Music Theory Musicianship III	2
MUT 3923 - Jazz Workshop	1
MVB 1211 - Secondary Trumpet	1
MVB 1212 - Secondary French Horn	1
MVB 1213 - Secondary Trombone	1
MVB 1214 - Secondary Euphonium	1
MVB 1215 - Secondary Tuba	1
MVB 1411 - Trumpet I	2
MVB 1412 - French Horn I	1
MVB 1413 - Trombone I	1
MVB 1414 - Euphonium I	1
MVB 1415 - Tuba I	1
MVB 2421 - Trumpet II	2
MVB 2422 - French Horn II	1

MVB 2423 - Trombone II	1
MVB 2424 - Euphonium II	1
MVB 2425 - Tuba II	1
MVB 3431 - Trumpet III	2
MVB 3432 - French Horn III	2
MVB 3433 - Trombone III	2
MVB 3434 - Euphonium III	2
MVB 3435 - Tuba III	2
MVB 4441 - Trumpet IV	1
MVB 4442 - French Horn IV	1
MVB 4443 - Trombone IV	1
MVB 4444 - Euphonium IV	1
MVB 4445 - Tuba IV	1
MVB 5451 - Trumpet V	1
MVB 5452 - French Horn V	1
MVB 5453 - Trombone V	1
MVB 5454 - Baritone V	1
MVB 5455 - Tuba V	1
MVB 6461 - Trumpet VI	1
MVB 6462 - French Horn VI	1
MVB 6463 - Trombone VI	1
MVB 6464 - Euphonium VI	1
MVB 6465 - Tuba VI	1
MVJ 1010 - Jazz Piano I	1
MVJ 1213 - Jazz Guitar I	1
MVJ 1214 - Jazz Bass I	1
MVJ 1219 - Jaz Drum Set I	1
MVJ 2220 - Jazz Piano II	1
MVJ 2223 - Jazz Guitar II	1
MVJ 2224 - Jazz Bass II	1
MVJ 2229 - Jazz Drum Set II	1
MVJ 3230 - Jazz Piano III	1
MVJ 3233 - Jazz Guitar III	1
MVJ 3234 - Jazz Bass III	1
MVJ 3339 - Jazz Drum Set III	1
MVJ 4240 - Jazz Piano IV	1
MVJ 4243 - Jazz Guitar IV	1

MVJ 4244 - Jazz Bass IV	1
MVJ 4349 - Jazz Drum Set IV	1
MVJ 5350C - Jazz Piano V	1
MVJ 5353C - Jass Guitar V	1
MVJ 5354C - Jazz Bass V	1
MVJ 5359C - Jazz Drum Set V	1
MVJ 6369C - Jazz Drum Set VI	1
MVJ 6460C - Jazz Piano VI	1
MVJ 6463C - Jazz Guitar VI	1
MVJ 6464C - Jazz Bass VI	1
MVK 1211 - Secondary Piano	3
MVK 1411 - Piano I	2
MVK 2421 - Piano II	1
MVK 3431 - Piano III	2
MVK 4441 - Piano IV	1
MVK 4640 - Piano Pedagogy I	1
MVK 5451 - Piano V	1
MVK 6461 - Piano VI	1
MVO 5250 - Advanced Secondary Instruction	1
MVP 1211 - Secondary Percussion	1
MVP 1411 - Percussion I	3
MVP 2421 - Percussion II	3
MVP 3431 - Percussion III	6
MVP 4441 - Percussion IV	2
MVP 5451 - Percussion V	2
MVP 6461 - Percussion VI	2
MVS 1211 - Secondary Violin	1
MVS 1212 - Secondary Viola	1
MVS 1213 - Secondary Cello	1
MVS 1214 - Secondary Bass	1
MVS 1216 - Secondary Guitar	1
MVS 1411 - Violin I	1
MVS 1412 - Viola I	1
MVS 1413 - Cello I	1
MVS 1414 - Bass I	1
MVS 1415 - Harp I	1
MVS 1416 - Guitar I	1

MVS 2421 - Violin II	2
MVS 2422 - Viola II	1
MVS 2423 - Cello II	1
MVS 2424 - Bass II	1
MVS 2426 - Guitar II	1
MVS 3431 - Violin III	2
MVS 3432 - Viola III	2
MVS 3433 - Cello III	2
MVS 3434 - Bass III	2
MVS 3436 - Guitar III	2
MVS 4346 - Guitar IV	1
MVS 4441 - Violin IV	1
MVS 4442 - Viola IV	1
MVS 4443 - Cello IV	1
MVS 4444 - Bass IV	1
MVS 5451 - Violin V	2
MVS 5452 - Viola V	2
MVS 5453 - Cello V	1
MVS 5454 - Bass V	1
MVS 5456 - Guitar V	1
MVS 6461 - Violin VI	2
MVS 6462 - Viola VI	2
MVS 6463 - Cello VI	1
MVS 6466 - Classical Guitar VI	1
MVS 6467 - Bass VI	1
MVV 1411 - Voice I	4
MVV 1873 - Secondary Voice	4
MVV 2421 - Voice II	4
MVV 3431 - Voice III	8
MVV 4441 - Voice IV	4
MVV 5451 - Voice V	4
MVV 6452 - Voice VI	4
MVW 1211 - Secondary Flute	1
MVW 1212 - Secondary Oboe	1
MVW 1213 - Secondary Clarinet	1
MVW 1214 - Secondary Bassoon	1
MVW 1215 - Secondary Saxophone	1

MVW 1411 - Flute I	1
MVW 1412 - Oboe I	1
MVW 1414 - Bassoon I	1
MVW 1415 - Saxophone I	2
MVW 2421 - Flute II	1
MVW 2422 - Oboe II	1
MVW 2423 - Clarinet II	1
MVW 2424 - Bassoon II	1
MVW 2425 - Saxophone II	2
MVW 3431 - Flute III	2
MVW 3432 - Oboe III	2
MVW 3433 - Clarinet III	2
MVW 3434 - Bassoon IIII	2
MVW 3435 - Saxophone III	3
MVW 4441 - Flute IV	1
MVW 4442 - Oboe IV	1
MVW 4443 - Clarinet IV	1
MVW 4444 - Bassoon IV	1
MVW 4445 - Saxophone IV	2
MVW 5451 - Flute V	1
MVW 5452 - Oboe V	1
MVW 5453 - Clarinet V	1
MVW 5454 - Bassoon V	1
MVW 5455 - Saxophone V	1
MVW 6461 - Flute VI	1
MVW 6462 - Oboe VI	1
MVW 6463 - Clarinet VI	1
MVW 6464 - Bassoon VI	1
MVW 6465 - Saxophone VI	1
NGR 6212L - Adult-Gerontology Acute Care Nurse Practitioner III Clinical	3
NGR 6248L - Family Nurse Practitioner/Adult-Gero Nurse Practitioner Practice Practicum	7
NGR 6305L - Pediatric Primary Care Clinical	4
NGR 6342L - Women's Health for APNs Clinical	4
NGR 6718 - Evaluation in Nursing Education	1
NGR 6772L - Nurse Leadership and Management Internship	1
NGR 6942C - Internship in Nursing Education	1
NGR 6945L - Clinical Specialty Practicum	3

NGR 7748L - Advanced Clinical Practice Selective for Advanced Practice Nursing	1
NGR 7952 - Scientific Writing for Nurses and Healthcare Professionals	1
NGR 7976L - Exe. DNP Residency	2
NUR 3028L - Essentials of Nursing Practice Lab	3
NUR 3065L - Health Assessment Lab	17
NUR 3616L - Health Promotion Across the Lifespan Clinical	8
NUR 3755L Essentials of Nursing Practice Clinical	9
NUR 4227L - Nursing Care of the Adult II: Clinical Practice	6
NUR 4604L - Practicum in Community and Public Health Nursing for RNs	6
OSE 3052L - Foundations of Photonics Laboratory	1
OSE 3200L - Geometric Optics Lab	1
OSE 4470L - Fiber-Optic Communications Laboratory	2
OSE 4830L - Imaging and Display Laboratory	3
OSE 4930 - Frontiers of Optics & Photonics	1
OSE 4951 - Senior Design I	2
OSE 4952 - Senior Design II	3
OSE 4953 - Senior Design Double Major ECE	1
OSE 5115 - Interference and Diffraction	2
OSE 5414 - Fundamentals of Optoelectronic Devices	1
OSE 6111 - Optical Wave Propagation	1
OSE 6120 - Theoretical Foundations of Optics	1
OSE 6143 - Fiber Optics Communication Systems	1
OSE 6335 - Nonlinear Guided Wave Optics	1
OSE 6421 - Integrated Photonics	1
OSE 6526C - Laser Engineering Laboratory	1
OSE 6909 - Research Report	2
PAD 4204 - Fiscal Management	1
PAD 4720 - Research Methods in Public Administration	1
PAD 4942 - School of Public Administration Internship Orientation	1
PAD 5145 - Volunteerism in Nonprofit Management	2
PAD 5337 - Urban Design	1
PAD 6207 - Public Financial Management	1
PAD 6254 - Economics of Land Use Planning & Development	1
PAD 6316 - Planning Methods	1
PAD 6387 - Transportation Policy	1
PAD 6398 - Hazard Analysis Disaster Plan	1
PAD 6439 - Leadership in Public Service	1

PAD 6701 - Analytical Techniques for Public Administration	1
PAD 6716 - Information Systems Public Managers & Planners	1
PAD 6748 - Governance and Regulatory Issues for Sponsored Programs	1
PAD 6825 - Cross-Sectoral Governance	2
PAF 7325 - Policy & Program Evaluation for Public Affiars	1
PAF 7805 - Advanced Statistics for Public Affairs II: Survey of Statistical Methods	1
PCB 3044L - Principles of Ecology Laboratory	10
PCB 3063L - Genetics Laboratory	10
PCB 3233L - Immunology Laboratory	9
PCB 3354 - Tropic Ecology & Conservation	1
PCB 4028 - Molecular & Cellular Pharmacology	1
PCB 4174 - Foundation of Bio Imaging Science	1
PCB 4284 - Immunobiology	1
PCB 4575 - Wildlife Genomics	1
PCB 4683L - Evolutionary Biology Lab	3
PCB 5025 - Molecular & Cellular Pharmacology	1
PCB 5238 - Immunobiology	1
PCB 5596 - Biomedical Informatics: Sequence Analysis	1
PCB 5688 - Wildlife Genomics	1
PCB 5937 - ST: GIS for Biologists and Ecologists	1
PCB 6095 - Professional Development in Biology I	1
PCB 6655 - Advanced Invertebrate Genetics	1
PEL 2111 - Bowling	1
PEL 2121 - Beginning Golf	2
PEL 2341 - Beginning Tennis	1
PEM 2104 - Personal Fitness	3
PEM 2121C - Yoga	3
PEM 2122 - Yoga for Performers	1
PEM 2402 - Beginning Brazilian Jiu-Jitsu	2
PEM 2431 - Beginning Judo	2
PEO 3644 - Coaching Football	1
PET 2081 - Wellness, Children and Schools	1
PET 3765 - Coaching Theory	1
PET 4143 - Current Issues & Trends in Kinesiology	1
PET 4215 - Motivational Aspects of Athletic Performance	2
PET 4901 - Capstone in Kinesiology	2
PET 4926 - Practicum in Kinesiology	2

PET 6376 - Sport Nutrition	1
PET 6910 - Problem Analysis: Review of Literature	1
PGY 2401C - Beginning Photography	1
PGY 3472C - Photo Visualization	2
PGY 3653C - Advanced Editorial Photography	1
PGY 3751C - Videography	1
PGY 3821C - Advanced Digital Photography	1
PGY 4003 - Image, Culture, and Society	1
PGY 4228C - Advanced Illustrative Photography	1
PHH 3460 - Modern Western Philosophy	1
PHI 2010 - Introduction to Philosophy	8
PHI 2101 - Formal Logic I	1
PHI 2108 - Critical Thinking	1
PHI 3083 - Research Methods in Philosophy	2
PHI 3320 - Philosophy of Mind	1
PHI 3451 - Philosophy of Psychology	1
PHI 3626 - Advanced Ethics in Science & Technology	1
PHI 4400 - Philosophy of Science	1
PHI 4633 - Honors Ethics & Biological Sciences	1
PHI 5327 - Topics in Cognitive Sciences	1
PHI 5627 - Theoretical and Applied Ethics	1
PHT 6153 - Physiological Assessment in Physical Therapy Practice	1
PHT 6606 - Research Methods in Physical Therapy	1
PHT 6805C - Clinical Education I	1
PHT 7329C - Advanced Pediatric Physical Therapy	1
PHT 7721C - Integrations in Orthopedic Physical Therapy	1
PHT 7823 - Clinical Education III	1
PHT 7999 - Physical Therapy Residency	1
PHY 2048C - General Physics Using Calculus I	7
PHY 2049C - General Physics Using Calculus II	5
PHY 2053C - College Physics I	9
PHY 2054C - College Physics II	8
PHY 3101 - General Physics Using Calculus III	2
PHY 3722C - Physics Laboratory: Electronics	1
PHY 3802L - Intermediate Physics Lab	1
PHY 3945 - Physics Pedagogy Seminar	1
PHY 3970H - Honors Undergraduate Thesis	1

PHY 4324 - Electricity and Magnetism II	1
PHY 6938 ST: Electrodynamics III	1
PHZ 6420 - First Principles Computation Methods in Condensed Matter-Physics	1
PLA 3306 - Criminal Law	2
PLA 3951H - Honors Moot Court	1
PLA 4022 - Contemporary Issues in Law	1
PLA 4617 - Urban Development Law	1
PLA 4813 - Juvenile Law and Procedure	1
PLA 4830 - World Legal Systems	1
PLA 4935 - Capstone: Legal Issues	1
PLA 4952 - Advanced Moot Court	1
POR 1120C - Elementary Portugese Language & Civilization I	1
POR 3440 - Business Portugese	1
POS 2041 - American National Government	6
POS 3703 - Scope & Methods of Political Science	1
POS 4961 - Exit Course	3
POS 6743 - Geographic Tools for Political Science Research	1
PPE 3003 - Personality Theory & Research	2
PSB 3002 - Physiological Psychology	1
PSB 6348 - The Neuroanatomical Basis of Psychological Functions	1
PSC 1121 - Physical Science	1
PSY 2012 - General Psychology	2
PSY 3213C - Research Methods in Psychology	3
PSY 3970H - Honors Undergraduate Thesis	1
PSY 4604 - History & Systems of Psychology	2
PSY 4932H - ST: Honors Psychology of Art	1
PSY 4942 - Instructional Experiences in Undergraduate Psychology	1
PSY 6216C - Research Methodology	1
PUP 4510 - Space Policy	1
PUR 4000 - Public Relations	1
PUR 6405 - Communication and Public Relations in Politics and Government	1
RED 4519 - Diagnostic and Corrective Reading Strategies	1
RED 4942 - Practicum for Assessment and Instruction of Reading	2
REE 4103 - Real Estate Appraisal and Valuation	1
REE 4203 - Commercial Real Estate Finance	1
REE 4312 - Real Estate Market Analysis	1
REL 3111 - Religion and Philosophy Through Film	1

RTV 3321 - Electronic News Gathering	2
RTV 3942L - Practicum	33
RTV 4544 - Media Production Capstone	1
RTV 4681C - Television News	1
SCE 3053 - Elementary Science for Teaching	1
SCE 3310 - Teaching Science in Elementary School	1
SCE 7942 - Internship/Practicum in Science Education	1
SDS 6308 - Applied Practice Career Services	1
SLS 1501 - Strategies for Success in College	3
SLS 2311C - Overview of Select Medical Careers	1
SOP 3004 - Social Psychology	1
SOP 5059 - Advanced Social Psychology	1
SOW 5538 - Full-Time MSW Generalist Field Integrative Seminar I	2
SOW 5565 - Part-TIme MSW Generalist Field Integrative Seminar I	3
SOW 5566 - Part-Time MSW Generalist Field Integrative Seminar II	1
SOW 5567 - Part-Time MSW Generalist Field Integtative Seminar III	2
SOW 5940 - Generalist Field Education	9
SOW 6531 - Full-Time MSW Clinical Field Integrative Seminar I	6
SOW 6561 - Part-Time MSW Clinical Field Integrative Seminar I	4
SOW 6562 - Part-Time MSW Clinical Field Integrative Seminar II	1
SOW 6563 - Part-Time MSW Clinical Field Integrative Seminar III	4
SOW 6940 - Clinical Field Education	15
SPA 3112L - Basic Phonetics Lab	1
SPA 3123L - Speech Perception Lab	1
SPA 6503L - Found Clinic Practice II App	14
SPA 6553L - Clinical Practice in Differential Diagnosis in Speech and Language Pathology	4
SPA 6942L - Foundations of Clinical Practice III App	18
SPA 6943L - Clinical Practice Level I	1
SPC 3602 - Advanced Public Speaking	1
SPC 4331 - Nonverbal Communication	1
SPM 3204 - Sports and Ethics	1
SPN 1120C - Elementary Spanish Language & Civilization I	11
SPN 1121C - Elementary Spanish Language & Civilization II	3
SPS 6946L - Practicum in School Psychology	1
SPS 6948 - School Psychology Internship	2
SPT 3414 - Spanish for Tourism I	1
SYP 3551 - Alcohol in Society	1

SYP 3562 - Domestic Violence in Society	1
SYP 4631 - Social Issues in Film	1
TAX 6845 - Tax Planning and Consulting	1
THE 2925L - Theatre Participation: Management I	4
THE 3272 - Shakespeare to RuPaul: Drag in Entertainment	1
THE 3311 - Theatre History and Dramatic Literature I	1
THE 3312 - Theatre History and Dramatic Literature II	1
THE 3313 - Theatre History and Dramatic Literature III	1
THE 3383 - Taboo Theatre: Sex & Violence on Stage	1
THE 3549 - Topics in Theatre Studies	1
THE 3930H - ST: Honors Creative Processes	1
THE 4093L - Theatre Participation Management II	1
THE 4954 - Theatre Exit Critique	1
THE 5910 - Research Methods in Theatre	1
THE 5945L - Theatre Practicum I	3
THE 5946L - Theatre Practicum II	3
THE 6086C - Careers in Professional Theatre	1
THE 6947L - Theatre Practicum III	3
THE 6948 - Professional Internship	2
TPA 1990 - BFA Review I	1
TPP 2200L - Introduction to Technical Theatre Lab	3
TPA 2210L - Stagecraft I Lab	2
TPA 2290L - Theatre Participation Production I	1
TPA 2291 - BFA Review II	1
TPA 3060C - Scenic Design for Theatre I	1
TPA 3383C - Topics in Technical Theatre	2
TPA 3992 - BFA Review III	1
TPA 3995 - Preliminary Portfolio Review	1
TPA 4066C - Advanced Scenography	1
TPA 4251C - Advanced CADD for Theatre	1
TPA 4298L - Theatre Participation Production II	2
TPA 4400 - Theatre Management	1
TPA 4900 - Capstone Portfolio Review	1
TPA 5029C - Lighting Design Studio	1
TPA 5085C - Design Seminar for Theatre	1
TPA 5346C - 3D Modeling for Theatre	1
TPA 5405 - Theatre Management	1

TPA 6186 - Immersive Studio Experience	1
TPA 6187 - Themed Experience Seminar	1
TPP 2110C - Acting I: Introduction	2
TPP 2185 - Acting for Non-Majors	2
TPP 2190L - Theatre Participation: Performance I	1
TPP 3251C - Musical Theatre Monologue	1
TPP 3257C - Musical Theatre Voice Techniques	1
TPP 3258C - Musical Theatre Voice Styles	1
TPP 3510C - Movement for the Actor I	1
TPP 3712C - Voice Production III	1
TPP 3743C - Musical Theatre Applied/Studio Voice I	1
TPP 4140C - Acting IV: Creating the Role	2
TPP 4193L - Theatre Participation Performance II	1
TPP 4259C - Musical Theatre Applied/Studio Voice III	1
TPP 4265C - Camera Acting	1
TPP 4271C - Musical Theatre Applied/Studio Voice V	1
TPP 4730 - Dialects	1
TPP 4746C - Musical Theatre Auditioning	1
TPP 4940L - Theatre Internship	1
TPP 5386C - Directing for Young Audiences	1
TPP 5515 - Movement Studio I	1
TPP 5715C - Stage Voice I	1
TPP 6186C - Advanced Scene Study	1
TSL 4945 - ESOL Clinical Experience	1
TSL 6250 - Applied Linguistics in ESOL	1
TSL 6643 - Diachronic Analysis in Second Language Acquisition Processes	1
TSL 7948 - Doctoral Internship	1
TTE 4274 - Transport Engineering Systems	1
TTE 6256 - Traffic Operations	3
TTE 6608 - Algorithms and Models Smart Cities	3
WOH 2012 - World Civilization I	1
WOH 2022 - World Civilization II	1
WST 5108 - Global Women in Crisis	1
ZOO 4756C - Comparative Vertebrate Histology	1
ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment	1
XXX 1949 - Co-Op	3
XXX 1955 - Study Abroad	5

XXX 2940 - Internship	3
XXX 2949 - Co-Op	22
XXX 2955 - Study Abroad	4
XXX 3905 - Independent Study	332
XXX 3940 - Internship	87
XXX 3942 - Internship	40
XXX 3949 - Co-Op	31
XXX 3955 - Study Abroad	86
XXX 4903H - Honors Directed Reading I	280
XXX 4904H - Honors Directed Reading II	79
XXX 4906 - Independent Study	682
XXX 4912 - Directed Independent Research	448
XXX 4941 - Internship	245
XXX 4943 - Internship	39
XXX 4944 - Internship	5
XXX 4949 - Co-Op	41
XXX 4955 - Study Abroad	160
XXX 4970H - Honors Undergraduate Thesis	187
XXX 4971H - Honors Undergraduate Thesis II	41
XXX 5907 - Independent Study	38
XXX 5917 - Directed Research	7
XXX 5944 - Internship	3
XXX 5949 - Co-Op	15
XXX 6908 - Independent Study	514
XXX 6909 - Research Report	38
XXX 6918 - Directed Research	377
XXX 6946 - Internship	100
XXX 6949 - Co-Op	21
XXX 6958 - Study Abroad	2
XXX 6971 - Thesis	694
XXX 7908 - Directed Independent Study	7
XXX 7909 - Independent Study	1
XXX 7919 - Doctoral Research	560
XXX 7980 - Dissertation	783
TOTAL	8058

Spring 2021	
Total Number of Course Sections Offered	**_n_ = 6427**
Course Title(s) with No Cost to the Student for Course Materials	**Number of Section(s)**
ACG 6636 - Advanced Auditing	1
ACG 6675 - Operational Auditing	1
ACG 6805 - Accounting Theory	1
ACG 6835 - Ethics & Professionalism in Accounting & Auditing	1
ACG 7887 - Accounting Research Forum	1
AFA 3930 - Special Topics	1
AFR 1111 - Heritage and Values of the United States Air Force II	3
AFR 2131 - Team and Leadership Fundamentals II	3
AFR 3230 - Leading People and Effective Communication II	1
AFR 4210 - National Security Affairs/Preparation for Active Duty II	1
AMH 2010 - U.S. History: 1492-1877	1
AMH 2020 - U.S. History: 1877-Present	6
AMH 4513 - U.S. Foreign Relations: Close of World War II to the Present	1
AMH 6939 - Seminar in U.S. History	1
ANG 5853 - Advanced GIS Methos in Anthropology	1
ANG 6520C - Advanced Human Osteology	1
ANG 6930 - Seminar in Cultural Anthropology	1
ANG 7075 - Advanced Anthropological Topics in Geospatial Analysis	1
ANT 2000 - General Anthropology	3
ANT 3302 - Sex, Gender, and Culture	1
ANT 3550C - Primatology	2
ANT 3930 - ST: Disaster Anthropology	1
ANT 4034 - History of Anthropological Thought	1
ANT 4115C - Archaeological Method & Theory	1
ANT 4123 - Archaeology of Coastal Societies	1
ANT 4183 - Archaeological Sciences	1
ANT 4586C - Human Origins	2
ANT 4854 - Advanced GIS Methods in Anthropology	1
ANT 4932 - Special Topics	1
ARC 3321L - Architectural Design 6	2
ARC 4323L - Architectural Design 8	2
ARE 4250 - Art for Exceptionalities	1

ARE 4352 - Teaching Art in the Secondary School	1
ARE 5251 - Art for Exceptionalities	1
ARE 6905 - Research Trends in Art Education	1
ARH 2500 - History of Non-Western Art	1
ARH 3610 - American Art	1
ARH 3728 - History of Illustration	1
ARH 3820 - Visual Arts Admininstration Vitas	1
ARH 4450 - 20th Century Art	1
ART 2201C - Design Fundamentals Two Dimensional	6
ART 2203C - Design Fundamentals Three Dimensional	7
ART 2300C - Drawing Fundamentals I	5
ART 2301C - Drawing Fundamentals II	6
ART 2500C - Beginning Painting	1
ART 2701C - Sculpture	1
ART 2754C - Beginning Ceramics	1
ART 2823 - Art as Interface	1
ART 3161 - Mixed Media	1
ART 3170C - Book Binding	1
ART 3171C - Materials for Artist Books	1
ART 3321C - Drawing Intensive	2
ART 3332C - Intermediate Drawing	1
ART 3504C - Intermediate Painting	2
ART 3709C - Intermediate Sculpture	1
ART 3737C - Narrative Sculpture	3
ART 3761C - Intermediate Ceramics	1
ART 3833C - Processes and Ideas in Art	1
ART 3930C - ST: Experimental Painting	1
ART 3950 - Portfolio Review	1
ART 3951C - Design Intensive	2
ART 4320C - Advanced Drawing	1
ART 4402C - Advanced Printmaking	1
ART 4505C - Advanced Painting	2
ART 4710C - Advanced Sculpture	1
ART 4783C - Advanced Ceramics	1
ART 4971 - Experimental Animation Thesis	1
ART 5410C - Advanced Printmaking	1
ART 5585C - Advanced Painting	1

Course	Count
ART 5745C - Advanced Sculpture	1
ART 6687 - Research Concentration I	1
ART 6911C - Studio Concentration II	1
ART 6930 - Graduate Seminar	1
ASH 3200 - Ancient Near Eastern Societies	1
AST 2002 - Astronomy	2
AST 3110 - Solar System Astronomy	1
AST 6156 - Current Topics in Planetary Sciences	1
AST 6938 - ST: Physics of Phenomena in Comets, Asteroids, and Dust	1
ATR 5217C - Musculoskeletal Evaluation and Diagnosis in Athletic Training Practice II	1
ATR 5825L - Practicum Athletic Training II	1
ATR 6619C - Athletic Training Research III	1
ATR 6855L - Practicum in Athletic Training V	1
BCH 4103L - Biochemical Methods	2
BME 6215 - Advanced Biomechanics	3
BME 6268C - Applied and Computational Biofluids	1
BME 6525 - Methods in Neural-Machine Interfaces	3
BMS 6938 - ST: Human Body: Health & Disease	1
BOT 3018C - Culinary Botany across Culture	2
BSC 2010C - Biology I	22
BSC 2011C - Biology II	3
BSC 3403C - Quantitative Biological Methods	1
BSC 4439 - Biomedical Infomatics: Structure Analysis	1
BSC 4932 - ST: Scientific Diving	1
BSC 4937 - Instructional Experiences in Undergraduate Biology	1
BSC 5436 - Biomedical Informatics: Structure Analysis	1
BSC 5665 - Clinical Embryology and Congenital Malformations	1
BSC 5937C - ST: Scientific Diving	1
BSC 6433 - Biomedical Sciences II	1
BSC 6935 - Seminar in Biology	1
BUL 3130H - Honors Legal & Ethical Environment of Business	1
CAP 4053 - AI for Game Programming	1
CAP 4453 - Robot Vision	2
CAP 4611 - Algorithms for Machine Learning	1
CAP 4630 - Artificial Intelligence	1
CAP 5150 - Foundations of Computer Security & Privacy	1
CAP 5937 - Special Topics	1

CAP 6135 - Malware and Software Vulnerability Analysis	3
CAP 6412 - Advanced Computer Vision	1
CAP 6517 - Computational Genomics	1
CAP 6545 - Machine Learn Methods for Biomedical Data	1
CAP 6640 - Computer Understanding of Natural Language	1
CAP 6671 - Intelligent Systems: Robots, Agents, and Humans	2
CAP 6942 - Project in Data Analytics	1
CCE 4810C - Construction Design Project	2
CCE 6817 - Dynamics of Sustainable Systems	3
CCJ 5456 - The Administration of Justice	1
CCJ 6704 - Research Methods in Criminal Justice	1
CCJ 7457 - Seminar in Criminal Justice Theory	1
CCJ 7708 - Advanced Quantitative Methods for Criminal Justice Research	1
CCJ 7785 - Teaching Criminal Justice	1
CCJ 7958 - Study Abroad	1
CDA 5121 - High Performance Computer & Programming	1
CEG 4011C - Geotechnical Engineering I	4
CES 6220 - Wind & Earthquake Engineering	3
CGN 4808C - CECE Capstone Design	2
CGN 6342 - Modeling Human Behavior with Emerging Data	2
CHM 1032L - General Chemistry Laboratory	3
CHM 2045C - Chemistry Fundamentals I	6
CHM 3120L - Analytical Chemistry Laboratory	3
CHM 3215L - Organic Laboratory Techniques II	2
CHM 3930 - ST: Peer Leading in Chemistry	1
CHM 4130L - Advanced Analytical Chemistry Laboratory	2
CHM 4930 - Chemistry Seminar I	1
CHM 4931 - Chemistry Seminar II	1
CHM 5937 - Special Topics	1
CHM 6440 - Kinetics and Catalysis	1
CHM 6936 - Graduate Chemistry Seminar	1
CHS 4537 - Forensic Laboratory Quality Assurance and Professional Practice	1
CHS 4591 - Forensic Science Internship	1
CHS 6251 - Applied Organic Synthesis	1
CHS 6509 - Advanced Forensic Microscopy	1
CHS 6545 - Forensic Analysis of Explosives	1
CIS 3921 - Careers in IT	1

CIS 3990 - IT Career and Academic Advising I	10
CIS 4361 - Secure Operating Systems and Administration	1
CIS 4991 - IT Career and Academic Advising II	10
CIS 6207 - The Practice of Digital Forensics	1
CJE 3001 - Careers in Criminal Justice	2
CJE 4352 - Policy Development in Law Enforcement	1
CJE 6688 - Cyber Crime and Criminal Justice	1
CJJ 6020 - The Juvenile Justice System	1
CLP 4134 - Childhood Psychopathology	1
CLP 7939 - ST: Affective Neuroscience	1
CLP 7943C - Clinical Practicum	3
CNT 4603 - System Administration & Maintenance	2
CNT 4714 - Enterprise Computing	1
CNT 6418 - Computer Forensics II	3
COM 3003 - Exploring Human Communication	1
COM 4221 - Health Literacy	1
COM 4332 - Communication, Technology, and Change	1
COM 6401 - Communication Theory	1
COM 7227 - Seminar in Health Communication	1
COM 7325 - Seminar in Research Methods	1
COM 7745 - Current Issues in Communication	1
COP 4020 - Programming Languages I	1
COP 4516C - Problem Solving Techniques & Team Dynamics	3
COP 4910 - Frontiers in Information Technology	3
COP 4932 - ST: Hacking for Defense (H4D)	1
COP 4934 - Senior Design I	1
COP 4935 - Senior Design II	2
COP 5711 - Parallel and Distributed Database Systems	1
COP 5937 - ST: Hacking for Defense (H4D)	1
COP 6731 - Advanced Database Systems	1
COT 3960 - CS Foundation Exam	1
COT 5600 - Quantum Computing	1
COT 6571 - Mathematical Foundations of Modeling and Simulation	1
CPO 3103 - Comparative Politics	1
CPO 4303 - Comparative Latin American Politics	1
CPO 6091 - Seminar in Comparative Politics	1
CRW 3950 - Cypress Dome Editorship	1

CRW 4320 - Advanced Poetry Writing Workshop	1
CRW 4724 - The Florida Review	1
CYP 6942 - Practicum in Psychological Counseling	1
CYP 6948C - Psychology Internship	2
DAA 2000C - Introduction to Theatre Dance	1
DAA 2100C - Modern Dance I	1
DAA 2201C - Ballet II	2
DAA 2520C - Tap Dance I	1
DAA 2521C - Tap Dance II	1
DAA 2570C - Jazz Dance I	1
DAA 2571C - Jazz Dance II	2
DAA 3004L - Dance Studio	1
DAA 3645 - Choreography Practicum	1
DAA 3684 - Dance Performance	1
DEP 2004 - Developmental Psychology	3
DEP 5057 - Developmental Psychology	1
DIG 2109 - Digital Imaging Fundamentals	1
DIG 2500 - Fundamentals of Interactive Design	1
DIG 2783 - Fundamentals of Game Art	1
DIG 3024 - Digital Cultures & Narrative	2
DIG 3134C - Server-Side Scripting	2
DIG 3146 - Social Platforms	1
DIG 3174C - Front-End Web Design	4
DIG 3480 - Computer as a Medium	1
DIG 3716C - Client-Side Scripting	2
DIG 3727C - Game Level Design	4
DIG 3728C - Game Testing	4
DIG 3951 - Character Animation Portfolio Review	1
DIG 4172C - Web Design Workshop II	2
DIG 4294C - Post-Production Game FX	4
DIG 4295C - Game Optimization & Performance	2
DIG 4324C - Modeling for Realtime Systems II	4
DIG 4326C - Geometrical Modeling Workshop	1
DIG 4373C - 3D Textures	2
DIG 4394C - Motion Graphics: Advanced Compositing	2
DIG 4434C - Narrative Techniques in the Moving Image	2
DIG 4503C - Rapid Application Web Development	4

DIG 4595 - Portfolio Development	2
DIG 4639C - Mobile Development	4
DIG 4715C - Game Production	8
DIG 4720C - Casual Game Production	2
DIG 4726C - Game Design Workshop II	10
DIG 4780C - Modeling for Realtime Systems	3
DIG 4813 - Contemporary Topics in Digtal Media	1
DIG 4855 - Converging Media Capstone	1
DIG 5831 - Computational Media	1
DIG 5856 - Experimentation, Application and Innovation in Games	1
DIG 6365C - Media and Music for Animation and Visual Effects	1
DIG 6389C - Animation & Visual Effects Production IV	1
DIG 6528 - Studio 2	1
DIG 6547C - Preproduction and Prototyping	1
DIG 6558 - Production and Design II	3
DIG 6559C - Advanced Digital Asset Creation	4
DIG 6638 - Advanced Game Programming	1
EAP 2851 - English for Academic Purposes II	3
EAS 3933 - Aerospace Career and Academic Faculty Advising I	31
EAS 4931 - Aerospace Career and Academic Faculty Advising II	1
EAS 6405 - Advanced Flight Dynamics	3
EAS 6415 - Guidance Navigation & Control	3
ECO 2013 - Principles of Macroeconomics	2
ECO 3070 - Tutoring/Teaching Techniques for Undergraduate Economics	1
ECO 3155 - Thinking Like an Economist	1
ECO 6424 - Econometrics I	1
ECS 4013 - Development Economics	1
EDA 6931 - Contemporary Issues in Educational Leadership	1
EDE 4301 - Elementary Education Capstone Colloquium	7
EDF 6237 - Principles of Learning & Introduction to Classroom Assessment	1
EDF 7488 - Monte Carlo Simulation Research in Education	1
EDF 7909 - Independent Study	1
EDF 7947 - Internship in Methodology, Measurement, and Analysis	1
EDG 2000 - Careers in K-12 Education	3
EDG 4942 - Lifelong Learning Education Internship	1
EDG 4954 - International Education Field Experience	1
EDG 6329 - Quality Teaching Practices	2

EDG 6775 - Exploring Global Educational Issues in International Contexts	1
EDG 6940 - Graduate Internship	1
EDG 7987 - Dissertation in Practice	11
EDP 6936 - Capstone in Applied Learning & Instruction	1
EEC 6406 - Guiding & Facilitating Social Competence	1
EEC 6947 - Practicum in Child, Family, & Community Science	1
EEE 5332C - Thin Film Technology	3
EEE 6527 - Compressive Sensing	2
EEL 3290 - Global Energy Issues	1
EEL 3926L - Junior Design	5
EEL 4294 - Introduction to Smart Grid	1
EEL 4915L - Senior Design II	2
EEL 5937 - ST: Attacks & Defense in Secure Architecture	3
EEL 5937 - ST: Future Computing Systems for Emerging Workloads	3
EEL 6272 - Smart Power Grids Protection	3
EEL 6425C - RF Microwave Measurement Techniques	3
EEX 3243 - Techniques for Exceptional Adolescents-Adults	1
EEX 3830 - Practicum in Exceptional Student Education	1
EEX 4070 - Teaching Exceptional Students	1
EEX 6218 - Diagnostic Assessment and Intervention Planning in Exceptional Education	1
EEX 6342 - Seminar Critical Issues in Special Education	1
EEX 6524 - Organization & Collaboration in Special Ed	1
EEX 7428 - Personnel Preparation Special Education	1
EEX 7865 - Internship in College Instruction in Special Education	1
EEX 7866 - Internship Practicum Supervision in Special Education	1
EGN 1007C - Engineering Concepts & Methods	38
EGN 3310 - Engineering Analysis: Statics	1
EGN 3331C - Mechanics of Materials	4
EGN 3373 - Principles of Electrical Engineering	2
EGS 3031 - Leadership in Engineering II	1
EIN 4891C - Industrial Engineering Senior Design Project	1
EMA 4115 - Transport Phenomena in Materials	1
EMA 5108 - Surface Science	2
EMA 5415 - Electronic Principles of Materials Properties	3
EMA 6626 - Mechanical Behavior of Materials	3
EME 2040 - Introduction to Technology for Educators	1
EME 6209 - Multimedia Instructional Systems II	1

EME 6457 - Distance Education: Technology Process Product	1
EME 6507 - Multimedia for Education and Training	1
EME 6938 - ST: Metacognition	1
EME 6940 - Theory into Practice in Educational Technology	1
EME 7942 - Doctoral Internship in Educational Technology	2
EML 3933 - Mechanical Career and Academic Faculty Advising I	31
EML 4024C - Engineering Design Practice	2
EML 4301C - Mechanical Systems Laboratory	8
EML 4306C - Energy Systems Laboratory	8
EML 4841H - Locomation & Design in Natural Systems	1
EML 4931 - Mechanical Career and Academic Faculty Advising II	1
EML 5090 - Mechanical and Aerospace Seminar	3
EML 6085 - Research Methods in Mechanical and Aerospace Engineering	2
EML 6238 - Plates and Shells	3
ENC 1101 - Composition I	5
ENC 1102 - Composition II	23
ENC 3250 - Professional Writing	2
ENC 3311 - Essay as Cultural Commentary	1
ENC 3314 - Writing & Rhetoric Foundations	2
ENC 3330 - Rhetorical Traditions	1
ENC 3375 - Rhetoric in Popular Culture	1
ENC 3453 - Writing about Health and Medicine	2
ENC 4354 - Writing with Communities & Nonprofits	1
ENC 4379 - Writing and Rhetoric Capstone	1
ENC 4415 - Digital Rhetorics & the Modern Dialectic	1
ENC 4416 - Writing in Digital Environments	1
ENC 4523 - Writing and Identity	1
ENC 4950 - Writing ePortfolio	1
ENC 5337 - Rhetorical Theory	1
ENC 5933 - Seminar for Peer Writing Consultants	2
ENC 6225 - User-Centered Design for Technical Communication	1
ENG 3014 - Theories and Techniques of Literature Study	1
ENG 3612 - Trends Literary, Cultural, and Textual Studies	1
ENL 2012 - English Literature I	1
ENL 3296 - Gothic Literature	1
ENT 3613 - Creativity & Entrepreneurship	3
ENT 4013 - New Venture Design	1

ENT 6617 - Innovation & Entrepreneurship Strategy	1
ENV 6106 - Theory and Practice of Atmospheric Dispersion Modeling	2
ENY 3571 - Honey Bee Biology and Beekeeping	2
ENY 4004C - General Entomology	2
ENY 5006C - Entomology	2
ESE 4033C - Critical Issues and Trends in Secondary Education	8
ESE 6256 - Critical Issues in Secondary Education	3
ESE 6935 - Introductory Seminar in Secondary Education	2
ESI 5219 - Engineering Statistics	1
ESI 6358 - Decision Analysis	1
ESI 6511 - Systems Integration & Testing	1
ESI 6550 - Systems Thinking in Engineering	1
EVR 3085 - Interdisciplinary Research Methods for Environmental Studies	1
EVR 4940 - Capstone Environmental Studies	2
EXP 6257 - Human Factors II	1
EXP 6541 - Advanced Human Computer Interaction	1
FIL 1000 - Cinema Survey	2
FIL 1008 - Cinematic Expression I	1
FIL 2030 - History of Motion Pictures	2
FIL 2107 - Script Analysis	1
FIL 2424 - Introduction to Film Production	1
FIL 2480 - Directing Techniques for Film	1
FIL 2481 - Directing the Actor for Film I	1
FIL 2534 - Sound Design for Film I	3
FIL 2552 - Editing I	1
FIL 3006 - Art of the Cinema	1
FIL 3037 - Film History II	1
FIL 3102 - Writing for Film and TV	2
FIL 3115 - Short Script I	2
FIL 3132 - Short Script II	1
FIL 3401 - Research Methods for Filmmakers	1
FIL 3483 - Directing the Actor Film II	1
FIL 3734C - Intermediate Animation	3
FIL 3826 - American Cinema	1
FIL 3871 - The American Film Artist	1
FIL 4163C - Feature/TV Writing II	1
FIL 4302C - Documentary Production II	1

FIL 4434C - Capstone I: The Professional Practice	1
FIL 4437C - Narrative Production II	1
FIL 4439C - Micro-Process Production	1
FIL 4535C - Sound Design for Film II	1
FIL 4573C - Capstone II: Exhibition and Seminar	1
FIL 4615C - Film Marketing and Exhibition	1
FIL 4750C - Experimental Animation Workshop	3
FIL 4830 - Motion Picture Genre	1
FIL 5371C - Documentary Production	1
FIL 5422C - Experimental Cinema	1
FIL 5924 - Graduate Seminar	1
FIL 6596 - Advanced Directing Workshop for Film & Digital Media	1
FIL 6619 - Guerilla Marketing & Models of Distribution	1
FIN 4450 - Foundations of FinTech	1
FIN 6778 - Foundations of FinTech	1
FRE 4950C - French Portfolio	1
FSS 2221C -Technqiues of Food Preparation	2
FSS 6365 - Management of Food Service Operations	1
GEB 4451 - Business Climate Analysis	7
GEB 4513 - Applied Business Technologies	7
GEB 4522 - Data Driven Decision Making	7
GEO 2370 - Resources Geography	1
GRA 2101C - Introduction to Computer Art	1
GRA 2151C - Illustration	1
GRA 3112C - Intermediate Graphic Design II	2
GRA 3202C - Type & Design	2
GRA 3803C - Intermediate Computer Graphic Design	2
GRA 3950 - Graphic Design Portfolio Application	1
GRA 4154C - Advanced Illustration	1
GRA 4197C - Special Problems in Graphic Design	2
GRA 4802C - Advanced Computer Graphic Design	2
HFT 1949 - Co-Op Hotel & Restaurant	6
HFT 3014 - Wellness Management in Hospitality & Tourism	1
HFT 3384 - Sport & Club Enterprise Management	1
HFT 3463 - Revenue Strategies in the Entertainment Industry	2
HFT 3519 - Event Services	2
HFT 4065 - Fine Spirits Management	1

HFT 4253 - Advanced Lodging Operations	1
HFT 4378 - Entertainment Portfolio Management	2
HFT 4398 - Entertainment Entrepreneurship	1
HFT 4464 - Hospitality Industry Finance	1
HFT 4542 - Strategic Event Design	1
HFT 4614 - Risk Management in Theme Parks & Attractions	1
HFT 4732 - Tourism Impact Analysis	1
HFT 4749 - Research in Sport Tourism	1
HFT 4754 - Exhibit and Trade Show Operations	1
HFT 4755 - Theme Park & Attraction Management	4
HFT 4759 - Product Development in Theme Parks and Attractions	1
HIM 3806C - Professional Practice Experience I	1
HIM 4838 - Management Affiliation	1
HIM 4998 - Internship Orientation	1
HIM 6125 - Health Care Informatics Capstone	2
HIS 4150 - History and Historians	1
HIS 4959 - History Portfolio	2
HIS 5925 - History in the Digital Age	1
HIS 6905 - History Capstone Class	1
HIS 6942 - Internship	2
HMG 6245 - Management Hospitality & Guest Service Organizations	2
HMG 6296 - Hospitality/Tourism Strategic Issues	1
HMG 6476 - Feasibility Studies for the Hospitality/Tourism Enterprises	1
HMG 6556 - Digital Marketing and Big Data Management Hospitality and Tourism	1
HMG 6566 - Principles of Destination Marketing & Management	1
HMG 6585 - Data Analysis in Hospitality and Tourism Research	2
HMG 6738 - Tourism Industry Analysis	1
HMG 6756 - Mega-Events	1
HMG 6757 - Advanced Theme Park and Attraction Management	1
HMG 6797 - Event Administration	1
HMG 7546 - Strategies and Tactics: Guest Service Management	1
HMG 7588 - Research Seminar in Hospitality & Tourism	1
HSA 3104 - Health Services Administration Cornerstone	3
HSA 4003 - The Patient Experience from an Administrator's Perspective	1
HSA 4850 - Health Services Administration Internship	2
HSA 4853 - Internship Orientation	1
HSA 6925 - Capstone in HSA	1

HSC 3211 - Preventive Health Care	2
HSC 3593 - HIV Disease: A Human Concern	1
HSC 4008 - Professional Development in Heath Professions	2
HSC 4564 - Health Care Needs of the Elderly	2
HSC 4930 - Health Sciences Seminar	2
HUM 2020 - Encountering the Humanities	10
HUM 2230 - Humanistic Tradition II	1
HUM 4932 - ST: Race and Technology	1
IDH 3101H - Honors Cultural Traditions of India	1
IDH 4030H - Honors Windows to the World	1
IDS 2912 - Undergraduate Research	1
IDS 3913 - Undergraduate Research	2
IDS 4914 - Undergraduate Research	1
IDS 4947 - Cooperative Internship	9
IDS 4999 - Graduation Requirement Course	2
IDS 5947 - Experiential Learning Internship	10
IDS 6252 - Biomedical Nanotechnology	1
IDS 6254 - Nanofabrication & Characterization	1
IDS 6257 - Principles and Techniques of Nanobiology	1
IDS 6261 - Nanotechnology for Sustainable Agriculture	1
IDS 6267 - Understanding Humans for Modeling and Simulation	1
IDS 6513 - Preparing Tomorrow's Faculty	1
IDS 6694 - Experimental Design & Analysis in Biomedical Science	1
IDS 6938 - ST: Nonlinear Dynamics in the Cognitive and Behavioral Sciences	1
IDS 6954 - Urban and Regional Planning Capstone II	1
IDS 6999 - Graduation Requirement	2
IDS 7500 - Seminar in Education Research	6
IDS 7690 - Frontiers in Biomedical Sciences	3
IDS 7692L - Experiments in Biomedical Sciences	3
IDS 7938 - Research Cluster Seminar	2
INP 6091 - Industrial and Organizational Psychology Consulting Practice	1
INP 6317 - Work Motivation and Job Attitudes	1
INP 6945C - Industrial Psychology Practicul	1
INP 7251 - Industrial Psychology II	1
INP 7311 - Organizational Psychology II	1
INR 3253 - International Politics of Africa	1
INR 4765 - Emerging Space Powers	1

ISC 4932 - ST: Fundamentals of STEM-Discipline Based Education Research	1
ISC 5937 - ST: Fundamentals Discipline Based Education Research	1
ISM 6938 - Special Topics	1
JOU 3101 - Advanced Reporting	1
JST 3550 - Introduction to Modern Judaism	1
LAE 5495 - Assessing Writing	1
LAS 4910 - LAS Capstone	1
LDR 2930 - Special Topic	1
LDR 3950 - Leadership in Action: Capstone Experience for LEAD Scholars	11
LIN 4801 - Language and Meaning	1
LIT 3482 - Literature & Popular Culture	1
LIT 3833 - Modern Asian Literature	1
LIT 3905 - Directed Experience in Literature	1
MAE 4326 - How Children Learn Mathematics	2
MAE 4339 - Teaching Algebra in Secondary Schools	1
MAE 6337 - Teaching Algebra in Secondary Schools	1
MAE 7945 - Internship in Mathematics Education	2
MAN 3302 -Essential sof Human Resource Management for Integrated Business	7
MAN 4240 - Organizations: Theory and Behavior	1
MAN 4320 - Human Resources Recruitment and Selection	1
MAN 4583 - Project Management	7
MAN 4720 - Strategic Management	20
MAN 6305 - Human Resources Management	1
MAN 6395 - Leadership Development & Coaching	2
MAN 6581 - Project Management	1
MAN 6721 - Applied Strategy and Business Policy	1
MAN 6915 - Applied Field Project	2
MAP 5117 - Mathematical Modeling	1
MAR 3391 - Professional Selling	4
MAR 3407 - Integrated Marketing and Sales	8
MAR 3613 - Marketing Research	2
MAR 3615 - Marketing Analysis	2
MAR 3765 - Entrepreneurial Marketing	1
MAR 4803 - Marketing Management	1
MAR 4804 - Marketing Strategy	1
MAR 4832 - Product Management	2
MAR 6466 - Strategic Supply Chain and Operations Management	3

MAR 6816 - Strategic Marketing Management	2
MCB 2004C - Microbiology for Health Professionals	4
MCB 3203 - Pathogenic Microbiology	1
MCB 3203L - Pathogenic Microbiology Laboratory	1
MCB 4204 - Cellular Microbiology: Host-Pathogen Interactions	1
MCB 4224 - Molecular Biology of Disease	1
MCB 4276 - Epidemiology of Infectious Diseases	1
MCB 4404 - Bacterial Genetics & Physiology	1
MCB 4940 - Methodology in Biomedical Sciences	4
MCB 5208 - Cellular Microbiology: Host-Pathogen Interactions	1
MCB 5225 - Molecular Biology of Disease	1
MCB 5505 - Molecular Virology	1
MCB 6026 - Molecular Biology & Microbiology Capstone	12
MCB 6938 - Seminar	3
MHS 3332 - Career Planning III	1
MHS 6803 - Practicum in Counselor Education	11
MHS 6830 - Counseling Internship	5
MHS 7311 - Scholarship and External Funding in Counselor Education	1
MHS 7730 - Research Seminar in Counselor Education	1
MHS 7840 - Internship in Counselor Education	1
MLS 3705 - Concepts in Education/Management	1
MLS 4075L - Clinical Applications of Laboratory Automation	1
MLS 4460C - Clinical Microbiology II	2
MLS 4910 - Introduction to Clinical Research	1
MLS 4933 - MLS Senior Seminar	1
MMC 4300 - International Media	1
MMC 4411 - Ad-PR campaigns	1
MMC 6567 - New Media	1
MMC 6600 - Media Effects & Audience Analysis	1
MSL 1002C - Basic Leadership	2
MSL 2102C - Leadership and Teamwork	2
MSL 3202C - Leadership and Ethics	1
MSL 4302C - Officership	1
MUC 1201C - Applied Composition I	1
MUC 2104C - Composition II	1
MUC 2202C - Applied Composition II	1
MUC 3105C - Composition III	1

MUC 4106C - Composition IV	1
MUC 4950 - Composition Recital	1
MUC 4971 - Composition Thesis	1
MUC 5112 - Composition V	1
MUC 6251 - Composition VI	1
MUE 3353 - General Music Literature and Techniques	1
MUE 3461 - Brass Techniques II	1
MUE 4337 - Secondary Instrumental Methods II	1
MUE 4791 - BME Portfolio	1
MUE 6746 - Assessment & Evaluation in Music Education	1
MUG 3202 - Choral Conducting & Materials	1
MUG 6306 - Conducting and Literature	4
MUH 3211 - Music History and Literature I	1
MUH 3212 - Music History and Literature II	1
MUL 4444 - Woodwind Literature and Pedagogy	1
MUL 5447 - Woodwind Literature and Pedagogy	1
MUN 2442 - Percussion/Mallet Ensemble	1
MUN 3123L - Concert Band	2
MUN 3133 - Symphonic Band	1
MUN 3143 - Wind Ensemble	1
MUN 3283 - Symphony Orchestra	1
MUN 3313 - University Chorus	2
MUN 3323 - Women's Chorus	1
MUN 3343L - Chamber Singers	1
MUN 3423 - Woodwind Ensemble	3
MUN 3426 - Saxophone Ensemble	1
MUN 3427 - Flute Ensemble	1
MUN 3431L - Brass Quintet	2
MUN 3433 - Brass Ensemble	2
MUN 3437 - Trumpet Ensemble	1
MUN 3443 - Percussion Ensemble	1
MUN 3453 - Piano Ensemble	1
MUN 3483 - String Ensemble	3
MUN 3487 - Guitar Ensemble	1
MUN 3493 - New Music Ensemble	1
MUN 3713 - Jazz Ensemble	2
MUN 3714 - Jazz Combo	4

MUN 3813 - Steel Drum Ensemble	1
MUN 5125 - Concert Band	1
MUN 5145 - Wind Ensemble	1
MUN 5215 - Symphony Orchestra	1
MUN 5325 - Women's Chorus	1
MUN 5368L - Graduate Chamber Singers	1
MUN 5385L - Graduate University Chorus	1
MUN 5445 - Percussion Ensemble	1
MUN 5465L - Graduate Chamber Music	4
MUN 5715L - Jazz Ensemble	2
MUN 5716L - Jazz Chamber Group	2
MUO 3503L - Opera Workshop	1
MUS 1010 - Music Forum	2
MUS 3953 - Recital Performance I	1
MUS 4900 - Music BA Capstone Project	1
MUS 4905 - Directed Experience	3
MUS 4954 - Recital Performance II	1
MUS 6465 - Intensive Chamber Music	1
MUS 6960 - Comprehensive Exam	1
MUS 6975L - Graduate Project	1
MUS 6976L - Graduate Recital	1
MUT 1004 - Fundamentals of Music I	1
MUT 2127 - Music Theory & Musicianship IV	1
MUT 3171 - Jazz Theory II	1
MUT 3923 - Jazz Workshop	3
MUT 4571 - Analysis Twentieth Century Music	1
MUT 5620 - Analysis Twentieth Century Music	1
MUT 6621 - Techniques and Concepts of Musical Analysis	1
MVB 1211 - Secondary Trumpet	1
MVB 1212 - Secondary French Horn	1
MVB 1213 - Secondary Trombone	1
MVB 1214 - Secondary Euphonium	1
MVB 1215 - Secondary Tuba	1
MVB 1411 - Trumpet I	2
MVB 1412 - French Horn I	1
MVB 1413 - Trombone I	1
MVB 1414 - Euphonium I	1

MVB 1415 - Tuba I	1
MVB 2421 - Trumpet II	2
MVB 2422 - French Horn II	1
MVB 2423 - Trombone II	1
MVB 2424 - Euphonium II	1
MVB 2425 - Tuba II	1
MVB 3431 - Trumpet III	2
MVB 3432 - French Horn III	2
MVB 3433 - Trombone III	2
MVB 3434 - Euphonium III	2
MVB 3435 - Tuba III	2
MVB 4441 - Trumpet IV	1
MVB 4442 - French Horn IV	1
MVB 4443 - Trombone IV	1
MVB 4444 - Euphonium IV	1
MVB 4445 - Tuba IV	1
MVB 5451 - Trumpet V	1
MVB 5452 - French Horn V	1
MVB 5453 - Trombone V	1
MVB 5454 - Baritone V	1
MVB 5455 - Tuba V	1
MVB 6461 - Trumpet VI	1
MVB 6462 - French Horn VI	1
MVB 6463 - Trombone VI	1
MVB 6464 - Euphonium VI	1
MVB 6465 - Tuba VI	1
MVJ 1010 - Jazz Piano I	1
MVJ 1213 - Jazz Guitar I	1
MVJ 1214 - Jazz Bass I	1
MVJ 1219 - Jazz Drum Set I	1
MVJ 2220 - Jazz Piano II	1
MVJ 2223 - Jazz Guitar II	1
MVJ 2224 - Jazz Bass II	1
MVJ 2229 - Jazz Drum Set II	1
MVJ 3230 - Jazz Piano III	1
MVJ 3233 - Jazz Guitar III	1
MVJ 3234 - Jazz Bass III	1

MVJ 3339 - Jazz Drum Set III	1
MVJ 4240 - Jazz Piano IV	1
MVJ 4243 - Jazz Guitar IV	1
MVJ 4244 - Jazz Bass IV	1
MVJ 4349 - Jazz Drum Set IV	1
MVJ 5350C - Jazz Piano V	1
MVJ 5353C - Jazz Guitar V	1
MVJ 5354C - Jazz Bass V	1
MVJ 5359C - Jazz Drum Set V	1
MVJ 6369C - Jazz Drum Set VI	1
MVJ 6460C - Jazz Piano VI	1
MVJ 6463C - Jazz Guitar VI	1
MVJ 6464C - Jazz Bass VI	1
MVK 1112 - Class Piano II	5
MVK 1211 - Secondary Piano	2
MVK 1411 - Piano I	1
MVK 2122 - Class Piano IV	4
MVK 2421 - Piano II	1
MVK 3431 - Piano III	2
MVK 4441 - Piano IV	1
MVK 5451 - Piano V	2
MVK 6461 - Piano VI	1
MVO 5250 - Advanced Secondary Instruction	1
MVP 1211 - Secondary Percussion	1
MVP 1411 - Percussion I	3
MVP 2421 - Percussion II	3
MVP 3431 - Percussion III	6
MVP 4441 - Percussion IV	2
MVP 5451 - Percussion V	2
MVP 6461 - Percussion VI	2
MVS 1211 - Secondary Violin	1
MVS 1212 - Secondary Viola	1
MVS 1213 - Secondary Cello	1
MVS 1214 - Secondary Bass	1
MVS 1216 - Secondary Guitar	1
MVS 1411 - Violin I	1
MVS 1412 - Viola I	1

MVS 1413 - Cello I	1
MVS 1414 - Bass I	1
MVS 1415 - Harp I	1
MVS 1416 - Guitar I	1
MVS 2421 - Violin II	2
MVS 2422 - Viola II	1
MVS 2423 - Cello II	1
MVS 2424 - Bass II	1
MVS 2426 - Guitar II	1
MVS 3431 - Violin III	2
MVS 3432 - Viola III	2
MVS 3433 - Cello III	2
MVS 3434 - Bass III	2
MVS 3436 - Guitar III	2
MVS 4346 - Guitar IV	1
MVS 4441 - Violin IV	1
MVS 4442 - Viola IV	1
MVS 4443 - Cello IV	1
MVS 4444 - Bass IV	1
MVS 5451 - Violin V	2
MVS 5452 - Viola V	2
MVS 5453 - Cello V	1
MVS 5454 - Bass V	1
MVS 5456 - Guitar V	1
MVS 6461 - Violin VI	2
MVS 6462 - Viola VI	2
MVS 6463 - Cello VI	1
MVS 6466 - Classical Guitar VI	1
MVS 6467 - Bass VI	1
MVV 1411 - Voice I	4
MVV 1873 - Secondary Voice	2
MVV 2421 - Voice II	4
MVV 3431 - Voice III	8
MVV 4441 - Voice IV	4
MVV 5451 - Voice V	4
MVV 6452 - Voice VI	3
MVW 1211 - Secondary Flute	1

MVW 1212 - Secondary Oboe	1
MVW 1213 - Secondary Clarinet	1
MVW 1214 - Secondary Bassoon	1
MVW 1215 - Secondary Saxophone	1
MVW 1411 - Flute I	1
MVW 1412 - Oboe I	1
MVW 1414 - Bassoon I	1
MVW 1415 - Saxophone I	2
MVW 2421 - Flute II	1
MVW 2422 - Oboe II	1
MVW 2423 - Clarinet II	1
MVW 2424 - Bassoon II	1
MVW 2425 - Saxophone II	2
MVW 3431 - Flute III	2
MVW 3432 - Oboe III	2
MVW 3433 - Clarinet III	2
MVW 3434 - Bassoon III	2
MVW 3435 - Saxophone III	3
MVW 4441 - Flute IV	1
MVW 4442 - Oboe IV	1
MVW 4443 - Clarinet IV	1
MVW 4444 - Bassoon IV	1
MVW 4445 - Saxophone IV	2
MVW 5451 - Flute V	1
MVW 5452 - Oboe V	1
MVW 5453 - Clarinet V	1
MVW 5454 - Bassoon V	1
MVW 5455 - Saxophone V	1
MVW 6461 - Flute VI	1
MVW 6462 - Oboe VI	1
MVW 6463 - Clarinet VI	1
MVW 6464 - Bassoon VI	1
MVW 6465 - Saxophone VI	1
NGR 5871 - Health Care Informatics	1
NGR 6175 - Critical Care Pharmacology	1
NGR 6215L - Adult-Gerontology Acute Care Nurse Practitioner Practicum	2
NGR 6240L - Adult I Clinical for APNs	4

NGR 6248L - Family Nurse Practitioner/ Adult-Gero Practitioner Practice Practicum	1
NGR 6305L - Pediatric Primary Care Clinical	3
NGR 6342L - Women's Health for APNs Clinical	2
NGR 6713 - Curriculum Development in Nursing Education	1
NGR 6772L - Nurse Leadership & Management Internship	2
NGR 6942C - Internship in Nursing Education	2
NGR 6945L - Clinical Specialty Practicum	1
NGR 7065 - Advanced Clinical Management for Advanced Practice Nursing	3
NGR 7748L - Advanced Clinic Practice Selective for Advanced Practice Nursing	1
NGR 7912C - Doctoral Project 2	24
NGR 7913 - Doctoral Project 3	17
NGR 7976L - Executive DNP Residency	1
NUR 3225L - Nursing Care Adult I: Clinical Practice	9
NUR 3826H - Honors Bioethical and Legal Issues in Health Care	1
NUR 4535L - Psychiatric Mental Health Clinical	4
NUR 4604L - Pracicum in Community and Public Health Nursing for RNs	6
NUR 4637L - Public Health Nursing Clinical	15
NUR 4760 - Principles of Pain Management	1
NUR 4945L - Nursing Practicum	15
OSE 3052L - Foundations of Photonics Laboratory	1
OSE 3200L - Geometric Optics Lab	2
OSE 4410L - Optoelectronics Laboratory	2
OSE 4520L - Laser Engineering Laboratory	2
OSE 4720 - Visual Optics	1
OSE 4951 - Senior Design I	2
OSE 4952 - Senior Design II	3
OSE 4953 - Senior Design Double Major ECE	1
OSE 5203 - Geometrical Optics	2
OSE 5312 - Light Matter Interaction	2
OSE 6125 - Computational Photonics	2
OSE 6211 - Imaging and Optical Systems	1
OSE 6313 - Materials for Optical Systems	1
OSE 6474 - Fundamentals Optical Fiber Communications	1
OSE 6526C - Laser Engineering Laboratory	1
OSE 6536 - Semiconductor Lasers	2
OSE 6650 - Optical Properties of Nanostructured Materials	1
PAD 3930 - Nonprofit Leadership Seminar	1

PAD 4131 - Public Sector Project Management	1
PAD 4204 - Fiscal Management	1
PAD 4395 - Disaster Response and Recovery	1
PAD 4942 - School of Public Administration Internship Orientation	1
PAD 5145 - Volunteerism in Nonprofit Management	3
PAD 5930 - Global Cities	1
PAD 6200 - International Emergency and Crisis Management	1
PAD 6207 - Public Financial Management	1
PAD 6716 - Information Systems for Public Managers & Planners	1
PAD 6746 - Intellectual Property, Technology Transfer and Commercialization	1
PAD 6747 - Audits in Research Administration	1
PAD 6825 - Cross-Sectoral Governance	1
PAD 6826 - Urban Policy and Regional Governance	1
PAD 6847 - Planning Healthy Communities	1
PAF 7925 - Symposium on Public Affairs Issues	1
PAF 7947 - Public Affairs Community-Based Research	2
PCB 3044L - Principles of Ecology Laboratory	10
PCB 3063L - Genetics Laboratory	8
PCB 3233L - Immunology Laboratory	11
PCB 3442 - Aquatic Ecology	1
PCB 3685H - How Music Effects Your Brain	1
PCB 4264 - Stem Cell Biology	1
PCB 4683L - Evolutionary Biology Lab	3
PCB 4708L - Laboratory Virtual Simulations in Physiology	1
PCB 4813 - Molecular Aspects of Obesity, Diabetes & Metabolism	1
PCB 4943 - Peer Instruction & Laboratory Occupational Training	1
PCB 5815 - Molecular Aspects of Obesity, Diabetes and Metabolism	1
PCB 6053C - Restoration Ecology	2
PCB 6096 - Professional Development in Biology II	1
PCB 6409 - Global Change Biology	1
PCB 6468 - Methods in Experimental Ecology II	1
PCB 6556 - Conservation Genetics	1
PCB 6595 - Regulation of Gene Expression	1
PCB 6675C - Evolutionary Biology	2
PEL 2111 - Bowling	2
PEL 2341 - Beginning Tennis	1
PEM 2104 - Personal Fitness	3

PEM 2121C - Yoga	4
PEM 2122 - Yoga for Performers	1
PEM 2127C - Pilates	1
PEM 2134C - Adventure Recreation	1
PEM 2402 - Beginning Brazilian Jiu-Jitsu	2
PEM 2405 - Self Defense for Women and Men	1
PEM 2431 - Beginning Judo	2
PEO 3644 - Coaching Football	1
PET 2081 - Wellness, Children and Schools	1
PET 3765 - Coaching Theory	1
PET 4143 - Current Issues & Trends in Kinesiology	1
PET 4215 - Motivation Aspects of Athletic Performance	2
PET 4901 - Capstone in Kinesiology	2
PET 4926 - Practicum in Kinesiology	2
PET 6366 - Exercise Nutrition and Weight Control	1
PET 6910 - Problem Analysis: Review of Literature	1
PGY 2401C - Beginning Photography	1
PGY 3451C - Alternative Processes	1
PGY 3480 - Museum and Gallery Practices	1
PGY 4235C - Professional Photographic Workshop	1
PGY 4440C - Special Problems in Photography	1
PGY 4471C - Photography Thesis	2
PGY 4493C - Photography and Art	1
PHI 2010 - Introduction to Philosophy	9
PHI 2108 - Critical Thinking	2
PHI 3323 - Minds & Machines: Philosophy of Cognitive Science	1
PHI 3626 - Advanced Ethics in Science & Technology	1
PHI 3638 - Ethical Issues in the 21st Century	1
PHI 4932 - ST: Neuroethics	1
PHI 5340 - Research Methods in the Cognitive Sciences	1
PHI 5697 - Neuroethics	1
PHT 5218C - Therapeutic Modalities in Rehabilitation	1
PHT 5241L - Therapeutic Exercise Lab I	1
PHT 6618 - Research Applications in Physical Therapy	1
PHT 778C - Advanced Manual Therapy	1
PHT 7829C - Clinical Education IV	1
PHT 7900 - Capstone Project in Physical Therapy	1

PHT 7999 - Physical Therapy Residency	1
PHY 1935 - Freshman Seminar	1
PHY 2048C - General Physics Using Calculus I	27
PHY 2049C - General Physics Using Calclus II	22
PHY 2053C - College Physics I	37
PHY 2054C - College Physics II	30
PHY 3802L - Intermediate Physics Laboratory	1
PHY 3945 - Physics Pedagogy Seminar	1
PHY 4803L - Advanced Physics Laboratory	1
PHY 4932 - ST: Mechanics II	1
PHZ 3150 - Introduction to Numerical Computing	1
PLA 3306 - Criminal Law	1
PLA 3871 - Law and Technology: Drones and Artificial Intelligence	1
PLA 4525 - Disability Rights and Protections (A Legal Perspective)	1
PLA 4571 - Intercultural Legal Competence	1
PLA 4813 - Juvenile Law and Procedure	1
PLA 4886 - Sexuality, Gender & the Law	1
PLA 4935 - Capstone: Legal Issues	2
POR 1120C - Elementary Portugese Language & Civilization I	1
POR 1121C - Elementary Portugese Language & Civilization II	1
POR 2201 - Intermediate Portuguese I	1
POR 3300 - Portuguese Composition	1
POS 2041 - American National Government	5
POS 4604 - American Constitutional Law II	1
POS 4961 - Exit Course	3
POS 6729 - Political Network Analysis	1
POS 6757 - Survey Design for Political Science Research	1
POS 7930 - Professional Development: Academic Careers in Security Studies	1
PSC 1121 - Physical Science	1
PSY 2012 - General Psychology	3
PSY 3204C - Statistical Methods in Psychoogy	10
PSY 3630 - Psychology of Human-Animal Interaction	1
PSY 4604 - History & Systems of Psychology	1
PSY 4942 - Instructional Experience in Undergraduate Psychology	1
QMB 6912 - Capstone Project in Business Analytics	1
RED 5948 - Practicum in Reading Assessment & Instruction	1
RED 7745 - Research in Reading Education Seminar	1

RED 7947 - Internship in Reading Education	1
REE 4203 - Commercial Real Estate Finance	1
REE 4312 - Real Estate Market Analysis	1
REL 4910 - Senior Research Seminar	1
REL 4936 - Key Figures in Religion and Cultural Studies	1
RTV 2100 - Writing for the Electronic Media	1
RTV 3321 - Electronic News Gathering	2
RTV 3942L - Practicum	31
RTV 4544 - Media Production Capstone	2
RTV 4681C - Television News	1
SCE 4361 - Programs in Teaching Science	1
SLS 2311C - Overview of Select Medical Careers	1
SOW 4510 - Field Education	4
SOW 4515 - Part Time Field Education Seminar	1
SOW 4522 - Field Education Seminar	4
SOW 5539 - Full-Time MSW Generalist Field Integrative Seminar II	2
SOW 5565 - Part-Time MSW Generalist Field Integrative Seminar I	2
SOW 5566 - Part-Time MSW Generalist Field Integrative Seminar II	3
SOW 5567 - Part-Time MSW Generalist Field Integrative Seminar III	1
SOW 5940 - Generalist Field Education	9
SOW 6536 - Full-Time MSW Clinical Field Education and Seminar II	3
SOW 6561 - Part-Time MSW Clinical Field Integrative Seminar I	4
SOW 6562 - Part-Time MSW Clinical Field Integrative Seminar II	4
SOW 6563 - Part-Time MSW Clinical Field Integrative Seminar III	1
SOW 6940 - Clinical Field Education	12
SPA 3112C - Basic Phonetics	4
SPA 6503L - Found Clinic Practice II App	10
SPA 6553L - Clinical Practice in Differential Diagnosis in Speech and Language Pathology	1
SPA 6569 - Management Upper Airway and Aerodigestive Disorders	1
SPA 6942 - Foundations of Clinical Practice: Level III	1
SPA 6942L - Found Clinic Practice III App	12
SPA 6943C - Clinical Practice Level I	1
SPB 6506 - Moral and Ethical Issues in Sport	1
SPC 4513C - Argumentation and Debate	1
SPC 4540 - Persuasion and Communication	1
SPM 3204 - Sports and Ethics	1
SPM 3415 - Public Relations in Sport and Athletic Coaching	1

SPM 4723 - Legal Issues in Sport and Athletic Coaching	1
SPN 1120C - Elementary Spanish Language & Civilization I	6
SPN 1121C - Elementary Spanish Language & Civilization II	6
SPN 3234 - Advanced Directed Readings	1
SPS 6946L - Practicum in School Psychology	1
SPS 6948 - School Psychology Internship	2
SPT 3805 - Spanish Translation and Interpretation for Mass Communication	1
SPW 6725 - The Generation of 1898	1
SPW 6919 - Advanced Spanish Graduate Research	1
SSE 3312 - Teaching Social Science in the Elementary School	2
SSE 7796 - Research in Social Science Education Seminar	1
SSE 7947 - Internship in Social Science Education	1
SYD 3800 - Sex & Gender in Society	1
SYO 4424 - Men, Masculinities, & Health	1
SYP 3562 - Domestic Violence in Society	1
SYP 4014 - Sociology of Happiness	1
TAX 6845 - Tax Planning and Consulting	1
THE 2000 - Theatre Survey	4
THE 2305 - Script Analysis for Theatre	1
THE 2925L - Theatre Partcipation: Management I	4
THE 3250 - Sex, Drugs, and the Rock & Roll Musical	1
THE 3311 - Theatre History and Dramatic Literature I	1
THE 3312 - Theatre History and Dramatic Literature II	1
THE 3313 - Theatre History and Dramatic Literature III	1
THE 4093L - Theatre Participation: Management II	1
THE 4954 - Theatre Exit Critique	1
THE 5945L - Theatre Practicum I	2
THE 5946L - Theatre Practicum II	1
THE 6726 - Advanced TYA Seminar	1
THE 6938C - Special Topics	1
THE 6947L - Theatre Practicum III	1
THE 6948 - Professional Internship	3
TPA 1990 - BFA Review I	1
TPA 2071C - Theatre Rendering	1
TPA 2200L - Intro to Technical Theatre Lab	1
TPA 2211L - Stagecraft II Lab	2
TPA 2991 - BFA Review II	1

TPA 3223C - Lighting Design for Theatre I	1
TPA 3992 - BFA Review III	1
TPA 3995 - Preliminary Portfolio Review	1
TPA 4066C - Advanced Scenography	1
TPA 4298L - Theatre Participation: Production II	2
TPA 4900 - Capstone Portfolio Review	1
TPA 5042C - Costume Design Studio	1
TPA 5062C - Scene Design Studio	1
TPA 5085C - Design Seminar for Theatre	1
TPA 6188 - Visualizing Themed Environment	1
TPA 6437 - Careers in Themed Experience	1
TPP 2110C - Acting I: Introduction	1
TPP 2185 - Acting for Non-Majors	3
TPP 2190L - Theatre Participation: Performance I	1
TPP 3103 - Intermediate Acting	1
TPP 3173C - Acting III: Building the Character	1
TPP 3252C - Musical Theatre Scene Study	1
TPP 3257C - Musical Theatre Voice Techniques	1
TPP 3258C - Musical Theatre Voice Styles	1
TPP 3272C - Estill for Musical Theatre: Artistry	1
TPP 3310C - Directing for Theatre I	1
TPP 3513C - Movement for the Actor II	1
TPP 3744C - Musical Theatre Applied/Studio Voice II	1
TPP 4193L - Theatre Participation: Performance II	1
TPP 4221 - Auditioning	1
TPP 4244 - The Art of Storytelling	1
TPP 4270C - MT Applied/Studio Voice IV	1
TPP 4311C - Advanced Directing for Theatre	1
TPP 4512C - Stage Combat	1
TPP 4923C - MT Applied/Studio Voice VI	1
TPP 4940L - Theatre Internship	1
TPP 6216C - Theatre for Young Aud Tour	1
TPP 6933 - Acting Studio V	1
TSL 4945 - ESOL Clinical Experience	1
TSL 5325 - ESOL Strategies	1
TSL 6443 - Assessment in Dual Language Programs	1
TTE 4274 - Transport Engineering Systems	1

TTE 4300 - Transportation Analytics	1
TTE 4601C - Urban Systems Design	2
TTE 6270 - Intelligent Transportation Systems	3
TTE 6533 - Mobility in Smart Cities: Technologies and Application Areas	3
URP 6711 - Sustainable Transportation Planning	1
WOH 2012 - World Civilization I	1
WOH 2022 - World Civilization II	1
WST 4349 - Ecofeminism	1
ZOO 3713C - Comparative Vertebrate Anatomy	3
ZOO 4480L - Mammalogy Lab	1
ZOO 4910L - Research Experience in Animal Behavior in a Zoo Environment	1
ZOO 5758C - Vertebrate Histology	2
XXX 2940 - Experiential Learning	4
XXX 5949 - Co-Op	8
XXX 2955 - Study Abroad	5
XXX 3905 - Independent Study	304
XXX 3940 - Internship	64
XXX 3942 - Internship I	38
XXX 3947 - Cooperative Internship	13
XXX 3949 - Co-Op	13
XXX 3955 - Study Abroad	27
XXX 4903H - Honors Directed Reading I	90
XXX 4904H - Honors Directed Reading II	41
XXX 4906 - Independent Study	590
XXX 4912 - Research	355
XXX 4941 - Internship	182
XXX 4943 - Internship II	42
XXX 4944 - Internship	5
XXX 4949 - Co-Op	20
XXX 4955 - Study Abroad	59
XXX 4970H - Honors Undergraduate Thesis	113
XXX 4971H - Honors Undergraduate Thesis II	70
XXX 5907 - Independent Study	17
XXX 5917 - Directed Research	6
XXX 5944 - Internship	3
XXX 5949 - Co-Op	2
XXX 5957 - Study Abroad	1

XXX 6908 - Independent Study	372
XXX 6909 - Research Report	42
XXX 6918 - Directed Research	249
XXX 6946 - Internship	86
XXX 6947 - Internship	7
XXX 6949 - Co-Op	10
XXX 6958 - Study Abroad	2
XXX 6971 - Thesis	460
XXX 7908 - Independent Study	5
XXX 7919 - Doctoral Research	423
XXX 7980 - Dissertation	555
TOTAL	6427

Textbook and Instructional Materials Affordability Annual Report

Instructions

1. Complete each tab/worksheet as designed. The template reflects the interpretation of the reporting requirements by Board staff.
   Do not edit the content of the template. Expand the response space as needed.
2. Statutory due date is September 30, 2021.
3. If there are questions, contact Lynn Nelson, Director of Student Affairs - lynn.nelson@flbog.edu
4. Include the university contact name and email for the staff who completed the report below:

University Contact Name and Email: Timothy Letzring, Tim.Letzring@ucf.edu

**Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021**

DISC-4: New Academic Programs Update

☐ **Information**   ☒ **Discussion**   ☐ **Action**

Meeting Date for Upcoming Action: Not Applicable

Purpose and Issues to be Considered:
Provide an update on academic programs approved by the Board of Trustees.

Background Information:
In January 2019, an update was provided to the Board of Trustees on the enrollment, degrees awarded, and additional highlights of programs the board had approved in the recent past. Given the additional programs approved over the past 2-4 years, it is an appropriate time for another program update.

Six programs are included in today's update – three bachelors, two masters, and one doctoral program.

The attachments provide a summary and details on undergraduate and graduate programs implemented since 2018 that have also had enough time to recruit and graduate students.

Recommended Action:
N/A

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
N/A

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Michael D. Johnson, Interim Provost and Vice President for Academic Affairs

Supporting Documentation:
Attachment A: Academic Programs Summary
Attachment B: New Undergraduate Programs
Attachment C: New Graduate Programs

Presenter:
Timothy Letzring, Senior Associate Provost for Academic Affairs

Academic Program Update Summary

Update on New Programs

- Programs presented today:
  - Not presented to board in a prior update
  - Implemented by Fall 2019
  - Awarded at least one degree
- Program details:
  - 3 Bachelors, 2 Masters, and 1 Doctoral Program
  - Doctoral programs usually take 3-5 years to produce graduates

Summary

Program	Board of Trustees Approval	BOG Recognition/ Approval	Program Implemented	Projected Enrollment	Fall 2021 Enrollment (Preliminary)
Emergency Mgt BA/BS	03/22/18	11/13/18	Spring 2019	90 (Year 2)	98
Environmental Studies BS	03/16/17	10/17/17	Fall 2017	255 (Year 4)	407
Nonprofit Mgt BA/BS	03/16/17	10/17/17	Fall 2017	130 (Year 4)	61
Master of Athletic Training	07/20/17	03/05/18	Fall 2019	52 (Year 3)	38
Masters Emergency & Crisis Mgt	03/22/18	08/22/18	Fall 2018	45 (Year 4)	93
Aerospace Eng. PhD	09/27/18	11/08/18	Fall 2019	15 (Year 2)	51

UCF

New Undergraduate Programs

Emergency Management, B.A./B.S.
Implemented Spring 2019

Enrollment and Degrees		
	Fall Headcount	**Annual Degrees Awarded**
2019-20	58	15
2020-21	73	18
2021	98 (prelim)	

Preliminary Fall 2021 Demographics			
	Total	**Men**	**Women**
American Indian/Alaska	0		
Asian	0		
Black/African American	8		
Hispanic/Latino	18		
International	3	67	31
Multiracial	4		
Hawaiian/Pacific Islander	0		
Other/Not Specified	1		
White	64		

138

UCF

Emergency Management, B.A./B.S. Highlights

- In 2020 and 2021, US News & World Report ranked the School of Public Administration #2 in Emergency Management and Homeland Security.
- Faculty have received or contributed to more than $9 million in federal research funding since 2018.
- Faculty research has resulted in 5 national and 1 international research awards in the past few years.
- Dr. Christopher Emrich's needs assessment for Puerto Rico following Hurricane Maria resulted in an $18.5 billion grant for Puerto Rico.
- Dr. Claire Knox was appointed to the American Society for Public Administration's COVID-19 taskforce.
- Dr. Naim Kapucu received a Fulbright Fellowship to travel to Australia in Spring 2022 to conduct research on urban resilience and disasters.

Environmental Studies, B.S.
Implemented Fall 2017

Enrollment and Degrees

	Fall Headcount	Annual Degrees Awarded
2018-19	217	28
2019-20	292	50
2020-21	404	101
2021	407 (prelim)	

Preliminary Fall 2021 Demographics

	Total	Men	Women
American Indian/Alaska	1		
Asian	12		
Black/African American	19		
Hispanic/Latino	79		
International	6	124	283
Multiracial	22		
Hawaiian/Pacific Islander	0		
Other/Not Specified	6		
White	262		

Environmental Studies, B.S.
Highlights

- Environmental Studies faculty and alumni worked with the City of Winter Park, FL on their sustainability program
- Environmental Studies alumni selected as one of UCF's "30 Under 30" Alumni Awards in 2019
- Dr. Michael Gilbrook was appointed by Mayor Jerry L. Demings as the urban planning/transportation member of the Orange County, FL Sustainability Advisory Board (2020)
- Dr. Richard Plate was accepted into the Pardee RAND Graduate School – Faculty Leaders Program which seeks to build diversity in public policy
- Dr. Wayne Bowen was named as one of a seven-member Sustainability Task Force in Oviedo, FL (2020)

Nonprofit Management, B.A./B.S.
Implemented Fall 2017

Enrollment and Degrees		
	Fall Headcount	**Annual Degrees Awarded**
2018-19	49	9
2019-20	53	23
2020-21	43	12
2021	61 (prelim)	

Preliminary Fall 2021 Demographics			
	Total	**Men**	**Women**
American Indian/Alaska	0		
Asian	0		
Black/African American	4		
Hispanic/Latino	16		
International	1	13	48
Multiracial	4		
Hawaiian/Pacific Islander	0		
Other/Not Specified	0		
White	29		

Non-Profit Management, B.A./B.S. Highlights

- US News & World Report ranked the School of Public Administration #9 in Nonprofit Management.
- Dr. Gregg Buckingham was named an Exceptional Faculty Member by the Central Florida Chapter of the American Society of Public Administration in 2021.
- The School of Public Administration and the Center for Public and Nonprofit Management sponsor an annual Nonprofit Organizational Development conference each fall that draws nonprofit workers and leaders from Central Florida.

UCF

New Graduate Programs

Master of Athletic Training
Implemented Summer 2019

Enrollment and Degrees		
	Fall Headcount	**Annual Degrees Awarded**
2019-20	12	0
2020-21	26	12
2021	38 (prelim)	

Preliminary Fall 2021 Demographics			
	Total	**Men**	**Women**
American Indian/Alaska	0		
Asian	0		
Black/African American	5		
Hispanic/Latino	9		
International	2	11	27
Multiracial	0		
Hawaiian/Pacific Islander	0		
Other/Not Specified	0		
White	22		

145

Master of Athletic Training
Highlights

- The first cohort boasted a 92% first-time pass rate.
- The Athletic Training Lab in total had 6 presentations at NATA, 2 at ACSM, and 6 at UCF Student Scholar Symposium.
- Student from 2021 class completed 6-week externship at Camp Woodward (gymnastics and extreme sports) between first and second year
- Student from 2022 class was accepted for an NFL internship.
- UCF hosted Japan Judo Therapy group in person before the pandemic and virtually in spring 2021.

Master of Emergency and Crisis Management
Implemented Fall 2018

Enrollment and Degrees

	Fall Headcount	Annual Degrees Awarded
2018-19	10	0
2019-20	51	2
2020-21	85	14
2021	93 (prelim)	

Preliminary Fall 2021 Demographics

	Total	Men	Women
American Indian/Alaska	0		
Asian	1		
Black/African American	11		
Hispanic/Latino	16		
International	1	46	47
Multiracial	4		
Hawaiian/Pacific Islander	1		
Other/Not Specified	0		
White	59		

Master of Emergency and Crisis Management
Highlights

- In 2020 and 2021, US News & World Report ranked the School of Public Administration #2 in Emergency Management and Homeland Security.
- Faculty have received or contributed to more than $9 million in federal research funding since 2018.
- Faculty research has resulted in 5 national and 1 international research awards in the past few years.
- Dr. Christopher Emrich's needs assessment for Puerto Rico following Hurricane Maria resulted in an $18.5 billion grant for Puerto Rico.
- Dr. Claire Knox was appointed to the American Society for Public Administration's COVID-19 taskforce.
- Dr. Naim Kapucu received a Fulbright Fellowship to travel to Australia in Spring 2022 to conduct research on urban resilience and disasters.

Aerospace Engineering, Ph.D.
Implemented Fall 2019

Enrollment and Degrees		
	Fall Headcount	**Annual Degrees Awarded**
2019-20	23	2
2020-21	39	5
2021	51 (prelim)	

Preliminary Fall 2021 Demographics			
	Total	**Men**	**Women**
American Indian/Alaska	0		
Asian	3		
Black/African American	3		
Hispanic/Latino	11		
International	12	43	8
Multiracial	3		
Hawaiian/Pacific Islander	0		
Other/Not Specified	0		
White	19		

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Aerospace Engineering, Ph.D.
Highlights

- The Aerospace Engineering program was ranked number 51 by U.S. News & World Report.
- UCF one of seven schools to be awarded a grant to support NASA's Artemis Program.
- Doctoral students have been awarded prestigious fellowships including the Fulbright Fellowship, National Defense Science and Engineering Graduate Fellowship, National Science Foundation Graduate Research Fellowship, and NASA Science and Technology Graduate Research Opportunity.
- Aerospace Engineering faculty have been recognized for their involvement in space exploration research, including rotorcraft for the exploration of Titan and deployable structures for satellites.

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021

DISC-5**:** Accountability Plan Review

☐ **Information**   ☒ **Discussion**   ☐ **Action**

Meeting Date for Upcoming Action: Not Applicable

Purpose and Issues to be Considered:
Provide an update and/or additional depth on various Accountability Plan metrics.

Background Information:
The Accountability Plan is only considered for approval once a year (in late April). To facilitate deeper discussion on the content and implications, various segments will be highlighted during each Academic Excellence and Student Success committee meeting.

The inaugural discussion will reintroduce the committee with the full plan and its segments, highlight a few metrics and their strategic impact, and provide an update on UCF's 2021 performance within the State University System.

Recommended Action:
N/A

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
No action. BOG 2.002 (3): Each board of trustees shall prepare an accountability plan and submit updates on an annual basis for consideration by the Board of Governors.

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
M. Paige Borden
Associate Provost and Chief Analytics Officer
Division of Analytics and Integrated Planning

Supporting Documentation:

Attachment A – UCF Five Year Operating Revenues

Attachment B – 2021 Accountability Plan September Review

Attachment C – 2021 UCF Benchmarking

Facilitators/Presenters:

M. Paige Borden

Gerald Hector, Senior Vice President for Administration and Finance
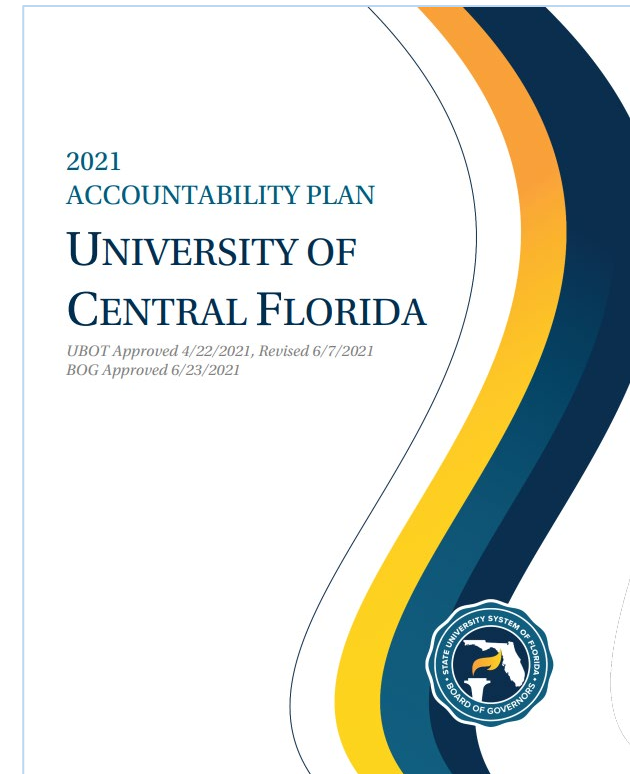
Five-Year Operating Revenues

Source: UCF's Audited Financial Statements
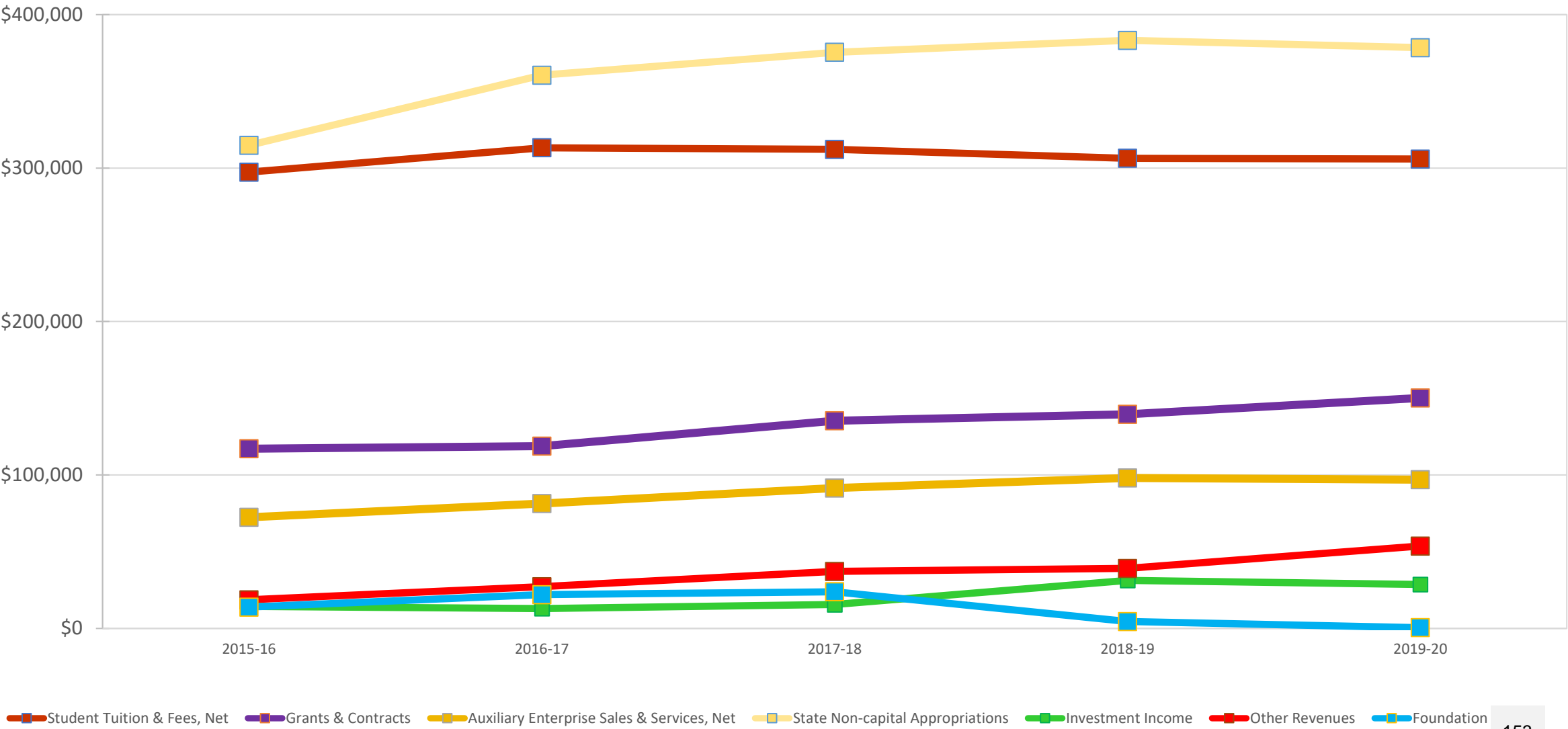
2021 Accountability Plan Review

Dr. Paige Borden

Associate Provost and Chief Analytics Officer

Accountability Plan

- Strategy and Initiatives
- Performance Based Funding (PBF) Metrics
- Preeminent (PRE) Metrics
- Key Performance Indicator (KPI) Metrics
- Enrollment Planning
- Academic Program Plans

2021
ACCOUNTABILITY PLAN

UNIVERSITY OF
CENTRAL FLORIDA

UBOT Approved 4/22/2021, Revised 6/7/2021
BOG Approved 6/23/2021

155

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51 Metrics Included and No Visualizations

- Metrics
  - PBF: 11 metrics
  - PRE: 12 metrics
  - KPI: 22 metrics
    - 15 Teaching and Learning metrics
    - 7 Scholarship, Research and Innovation metrics
  - Institutional Metrics: 2 metrics
  - Enrollment Metrics: 4 metrics
- No visualizations or graphs

Strategic vs. Tracked Metrics

- Nearly all metrics are critical to the university's success
- Some are tracked and based on down-stream impacts

11. Percentage of Adult (Aged 25+) Undergraduates Enrolled

	FALL 2016	FALL 2017	FALL 2018	FALL 2019	FALL 2020	FALL 2021	FALL 2022	FALL 2023	FALL 2024	FALL 2025
ACTUAL	20	19	18	18	17	.	.	.	.	.
APPROVED GOALS	21	21	20	20	21	21	21	21	21	.
PROPOSED GOALS	.	.	.	.	.	17	17	16	16	15

158

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Endowment

- Metric managed by UCF Foundation
- UCF Foundation uses fundraising targets to determine endowment growth
- 2021-22 through 2022-23 goals exceeded the true expectations of the team, but were not authorized for reduction

L. Endowment Size ($M)

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
ACTUAL	146.4	157	163	165	163	.	.	.	.	.
APPROVED GOALS	169	153	165	175	182	190	190	191	200	.
PROPOSED GOALS	.	.	.	.	.	190	190	191	200	210

159

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Graduates Enrolled or Employed

- BOG staff coordinates with Florida's Department of Economic Opportunity
- UCF limited validation
- Aggregate data only

1. Percent of Bachelor's Graduates Enrolled or Employed ($25,000+)

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
ACTUAL	66.2	67.9	67.4	69.1	69.1	.	.	.	.	.
APPROVED GOALS	65	67.2	68.5	69.1	69.5	69.9	70.1	70.3	70.5	.
PROPOSED GOALS	.	.	.	.	.	66.0	68.0	69.1	69.2	69.4

160

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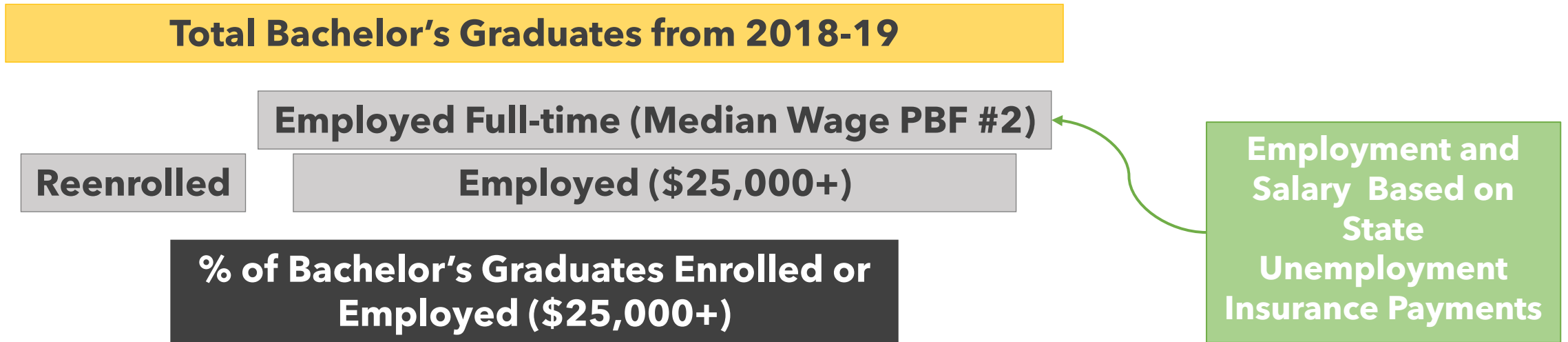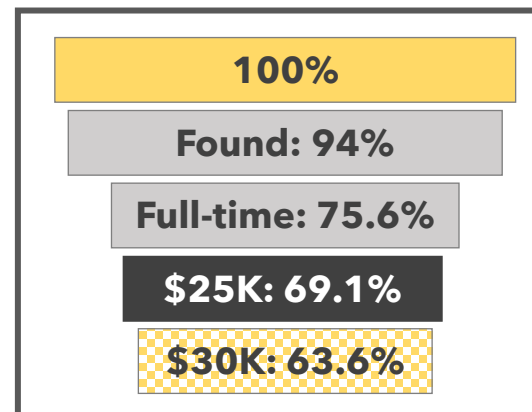
Median Wages

- BOG staff coordinates with Florida's Department of Economic Opportunity

2. Median Wages of Bachelor's Graduates Employed Full-time

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
ACTUAL	38,600	38,700	38,600	40,000	42,200	.	.	.	.	.
APPROVED GOALS	36,600	39,100	39,700	40,200	40,600	41,100	41,300	41,400	41,400	.
PROPOSED GOALS	.	.	.	.	.	40,000	40,100	40,200	40,300	40,400

Total Bachelor's Graduates from 2018-19

All Employed Full-time within One Year

Salary Based on State Unemployment Insurance Payments

Median Wage Calculation

162

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Summary and Next Steps

- September Review
  - Plan and Timeline
  - Post-secondary outcome metrics
  - Philanthropic metric
  - KPI enrollment metric

- November Review
  - Scholarship, Research and Innovation metrics
  - Graduate metrics

2021
ACCOUNTABILITY PLAN

UNIVERSITY OF
CENTRAL FLORIDA

UBOT Approved 4/22/2021, Revised 6/7/2021
BOG Approved 6/23/2021

163

Discussion

Accountability Plan:
2021 SUS Comparison of Key Metrics

UCF's 2021 achievements in both Performance-based Funding and Preeminent metrics are summarized below and detailed on the next two pages.

Performance Based Funding

UCF tied for 5th in 2021 with 87 points. Institutional performance in order was FIU, USF, FAU, FSU, UCF and UF (tied), UWF and Florida Poly (tied), FGCU, FAMU, UNF, and New College.

Metric points: Five of the eleven metrics achieved the maximum points available. Points were gained on median wages, 4-year graduation rates, and the BOT choice metric of degrees awarded to Hispanic and African American students. Points were lost on the access rate metric. Additionally, the shift of metric 9 from excess hours to the two new metrics (2-yr transfer graduation rates and 6-yr Pell graduation rates) resulted in a loss of points.

Detailed metric performance: UCF improved or held steady in eight metrics and declined in three metrics.

UCF dashboard and infographics - [Performance Based Funding](#) from Analytics and Integrated Planning

Preeminent Research Universities

UCF is 5th in 2021 with 8 metrics achieved. UF, FSU, USF all have 12 metrics met. FIU has 9 metrics met. Eleven metrics are required for full preeminent status.

Detailed metric performance: UCF improved or held steady in 10 areas.

UCF dashboard and infographics - [Preeminence](#) from Analytics and Integrated Planning

2021 System Accountability Plan

The full [System Accountability Plan](#) has been posted to the Board of Governor's website.

	Performance-Based Funding Metrics	10-Point Excellence	SUS 2021 Rank	2021 (2019-20 Data)	Trend
1	**Percent of Bachelor's Graduates Employed Full-time or Continuing their Education in the U.S. One Year After Graduation**	72.8%	T-10th	**69.1%** (8 points)	
2	**Median Wages of Bachelor's Graduates Employed Full-time One Year After Graduation**	$40,700	4th (max pts)	**$42,200** (10 points)	
3	**Net Tuition and Fees per 120 Credit Hours**	$9,000	8th (max pts)	**$4,690** (10 points)	
4	**FTIC 4-year Graduation Rate** (Full-time students)	50%	7th	**47.7%** (8 points)	
5	**Academic Progress Rate** (FTIC 2-year Retention Rate with GPA > 2.0)	90%	3rd (max pts)	**91.4%** (10 points)	
6	**Bachelor's Degrees Awarded Within Programs of Strategic Emphasis**	50%	7th (max pts)	**52.9%** (10 points)	
7	**University Access Rate** (Percent of Fall Undergraduates with a Pell grant)	42%	5th	**37.6%** (8 points)	
8	**Graduate Degrees Awarded Within Programs of Strategic Emphasis**	60%	6th (max pts)	**60.5%** (10 points)	
9A	**AA Xfer 2-year Graduation Rate** (Sum-Fall FT FCS AA Xfer students)	50%	10th	**32.2%** (1 point)*	
9B	**Pell 6-year Graduation Rate** (Sum-Fall All FTIC students with Pell)	80%	4th	**71.3%** (3 points)*	
10	**BOT Choice: Percent of Bachelor's Degrees Awarded to African American and Hispanic Students**	40%	n/a	**39%** (9 points)	
				87 Points	

*: Out of a 5-point maximum scale

	Preeminent University Metrics	Benchmark	SUS* 2021 Comparison	UCF 2021	2021 Result	TREND
A	**Average GPA and SAT Score** (for incoming freshman in Fall semester)	**4.0 GPA/1200 SAT**	T-4th	**4.2**	✓	
		1200 SAT	3rd	**1315^**		
B	**Public University Ranking** (in more than one national ranking)	**Top 50** in 2 or more publications	4th	**2**	✓	
C	**Freshman Retention Rate** (Summer-Fall Full-time FTIC)	**90%**	T-3rd	**92%**	✓	
D	**4-year Graduation Rate** (Summer-Fall Full-time FTIC)	**60%**	5th	**48%**		
E	**National Academy Memberships**	**>= 6**	3rd	**8**	✓	
F	**Total Annual Research Expenditures** (Science & Engineering only)	**>= $200M**	5th	**$188**		
G	**Total Annual Research Expenditures in Non-Medical Sciences** (S&E only)	**$150M**	5th	**$170**	✓	
H	**National Ranking in Research Expenditures**	**5 in Top 100**	T-4th	**6**	✓	
I	**Patents Awarded** (over 3-year period)	**100**	5th	**145**	✓	
J	**Doctoral Degrees Awarded Annually**	**400**	4th	**466**	✓	
K	**Number of Post-Doctoral Appointees**	**200**	5th	**171**		
L	**Endowment Size**	**$500M**	5th	**$163**		
	Metrics Met:			**8**		

*: Only ranked among UF, FSU, USF, UCF, and FIU

^: BOG changed the calculation due to amended statute (1001.7065, FS)

UCF Analytics and Integrated Planning

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021

INFO-1: Work Plan and Charter Review

☒ **Information**   ☐ **Discussion**   ☐ **Action**

Meeting Date for Upcoming Action: N/A

Purpose and Issues to be Considered:
The purpose of this information item is to provide Committee members the opportunity to review and offer further input on the Committee's work plan for FY22 (July 1, 2021 – June 30, 2022). Additionally, the Committee's inaugural charter is attached for reference to the Committee's Purpose and Authority, and Roles and Responsibilities under the new committee structure adopted by the Board.

Attachment A outlines the anticipated reports, actions, discussions, and informational items planned to come before the Committee this fiscal year.

Background Information:
The Office of Board Relations is responsible for establishing and managing the annual work planning process for the full Board and its Committees. Following an analysis of the Board's work and after-action requests in FY21 (July 1, 2020 – June 30, 2021), the Board Office has worked with Board and staff leadership to prepare work plans for each committee that include strategic discussions, routine business, and information items to come before each committee in FY22.

Recommended Action:
Review and provide further input on the Committee's work plan for FY22 (July 1, 2021 – June 30, 2022).

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
N/A

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Karen Monteleone, Assistant Vice President, Board Relations

Supporting Documentation:
Attachment A: FY22 Academic Excellence and Student Success Work Plan
Attachment B: Academic Excellence and Student Success Charter (Effective July 1, 2021)

Facilitator:
Beverly Seay, Chair, Academic Excellence and Student Success Committee

Attachment A

FY22 Committee Workplan

ACADEMIC EXCELLENCE & STUDENT SUCCESS
Wednesday, September 22, 2021

ACTION ITEMS		
AESC-1	Textbook and Instructional Materials Affordability Report	LETZRING

DISCUSSION ITEMS		
DISC-1	Provost's Update	JOHNSON
DISC-2	Student Government President Report	HALL
DISC-3	Faculty Senate Chair Report	HARRINGTON
DISC-4	Academic Programs Update	LETZRING
DISC-5	Accountability Plan Review	BORDEN
DISC-6		

INFORMATION ITEMS		
INFO-1	Work Plan and Charter Review	SEAY
INFO-2	Legislation Implementation Updates (July 1, 2021)	JOHNSON
INFO-3		

ACADEMIC EXCELLENCE & STUDENT SUCCESS
Tuesday, November 16, 2021

ACTION ITEMS		
AESC-1	Conferral of Degrees (Fall)	JOHNSON
AESC-2	Implementing New Legislation (e.g., HB1261)	JOHNSON
AESC-3	Tenure with Hire (as needed)	JOHNSON
AESC-4	New Degree Program Proposals (as needed)	LETZRING

DISCUSSION ITEMS		
DISC-1	Provost's Update	JOHNSON
DISC-2	Research	KLONOFF
DISC-3	Accountability Plan Review	BORDEN
DISC-4	New Legislation (July 1, 2021)	JOHNSON
DISC-5		
DISC-6		

INFORMATION ITEMS		
INFO-1		
INFO-2		
INFO-3		

ACADEMIC EXCELLENCE & STUDENT SUCCESS
Wednesday, February 9, 2022

ACTION ITEMS		
AESC-1	Conferral of Degrees (Spring)	JOHNSON
AESC-2	Tenure with Hire (as needed)	JOHNSON
AESC-3	New Degree Program Proposals (as needed)	LETZRING
AESC-4		

DISCUSSION ITEMS		
DISC-1	Provost's Update	JOHNSON
DISC-2	Report from SGA President	HALL
DISC-3	Report from Faculty Senate Chair	HARRINGTON
DISC-4	Legislative Budget Request (LBR)	JOHNSON
DISC-5	Accountability Plan Review	BORDEN
DISC-6		

INFORMATION ITEMS		
INFO-1		
INFO-2		
INFO-3		

ACADEMIC EXCELLENCE & STUDENT SUCCESS
Wednesday, May 18, 2022

ACTION ITEMS		
AESC-1	Legislative Budget Request	JOHNSON
AESC-2	2022 UCF Tenure Recommendations	JOHNSON
AESC-3	Conferral of Degrees (Summer)	JOHNSON
AESC-4	Tenure with Hire (as needed)	JOHNSON
AESC-5	New Degree Program Proposals (as needed)	LETZRING

DISCUSSION ITEMS		
DISC-1	Provost's Update	JOHNSON
DISC-2	Student Success (Academic and Student Life)	BERRY/ FRAME
DISC-3		
DISC-4		
DISC-5		
DISC-6		

INFORMATION ITEMS		
INFO-1		
INFO-2		
INFO-3		

170

Board of Trustees

COMMITTEE CHARTER

UCF

ACADEMIC EXCELLENCE AND STUDENT SUCCESS COMMITTEE

PURPOSE AND AUTHORITY

The Academic Excellence and Student Success Committee ("Committee") is a standing Committee of the University of Central Florida Board of Trustees ("Board"). The Committee is responsible for oversight of activities relating to the core mission of the University: teaching, research, and service.

The Board authorizes the Committee to perform activities within the scope of its charter as follows:

- Provide oversight and strategic direction for the development of accountability measures associated with the University's academic programs and services, student success initiatives, and research activities and creative works.

- Provide oversight and strategic direction of the University's health affairs and related clinical activities and partnerships.

- Provide oversight and strategic direction of the University's research and creative works activities including licensing and technology transfer.

- Discuss strategies and long-range plans related to the quality and continuous improvement of academic programs and services, student success initiatives and scholarly activities of the University.

- Discuss strategies relating to the recruitment and retention of faculty members, faculty mix, academic freedom, and academic responsibility.

- Monitor key performance indicator results, including admission, progression, retention, graduation, and research productivity to ensure they align with the strategic direction of the University.

- Perform other duties as assigned by the Board or the Board Chair.

ROLES AND RESPONSIBILITIES

The Committee will review and recommend the following to the Board for action:

- The creation or termination of bachelor's, master's, and doctoral programs.

- The conferral of degrees.

- The awarding of tenure and tenure with hire.

- The annual Accountability Plan to the Board of Governors.

- Additional items within the Committee's scope and authority that require approval.

REPORTING RESPONSIBILITIES

- The Committee Chair will, at the next regularly scheduled Board meeting, report to the Board any action taken by the Committee.

- The Committee Chair will promptly notify all Board members of any matters within its oversight roles and responsibilities that might significantly impact the financial, legal, academic standing, or reputation of the University.

MEMBERSHIP

- The chair of the Board will appoint the chair and members of the Committee and serves as a non-voting ex officio member.

- Members of the Committee will serve until their resignation or replacement by the chair of the Board.

- The Committee will consist of at least five members.

MEETINGS AND MINUTES

- Meetings will be held not less than four times per fiscal year.

- A majority of the Committee members will constitute a quorum for the conduct of business. Action shall require a majority vote of Committee members present.

- The Committee will maintain and post written minutes of its meetings in accordance with Florida Statute 1001.71.

STAFF

- The provost and executive vice president for academic affairs will serve as the primary liaison to the Committee and delegate administrative responsibilities as necessary. The senior vice president for student success also will serve as a liaison to the Committee.

- The president, provost or senior vice president for student success may call upon additional staff to provide presentations, information, or recommendations in the scope of the Committee's charter.

CHARTER REVIEW

- The Committee will review its charter annually and recommend to the Board any changes that the Committee deems necessary.

ADOPTION

I HEREBY CERTIFY that the University of Central Florida Board of Trustees adopted this charter at its regularly scheduled meeting on June 17, 2021.

_____   July 1, 2021

Associate Corporate Secretary   Date
University of Central Florida Board of Trustees

Board of Trustees
Academic Excellence and Student Success Committee
September 22, 2021

INFO-2: 2021 Legislation Implementation Update

☒	☐	☐
Information	**Discussion**	**Action**

Meeting Date for Upcoming Action: N/A

Purpose and Issues to be Considered:
The information item provides an update on the implementation of significant legislation passed in the 2021 state legislative session that affects the University's academic enterprise, and which became effective as of July 1.

Background Information:
The 2021 Florida Legislative Session adjourned on April 30, 2021, after passing sweeping changes in academic policy for the State University System institutions.

HB 233 Postsecondary Education
The bill adds requirements designed to protect the expression of diverse viewpoints at state colleges and state universities. It requires each state college and state university to annually assess the intellectual freedom and viewpoint diversity at that institution using a survey adopted by the State Board of Education (SBE) or the Board of Governors of the State University System (BOG), as applicable. The SBE and the BOG must publish the results by September 1, 2022, and each September 1 thereafter.

The bill prohibits the SBE and the BOG, and state colleges and state universities, from shielding students, faculty, or staff from protected free speech.

The bill authorizes a student to record video or audio of class lectures for personal educational use, in connection with a complaint to the public institution of higher education where the recording was made, or as evidence in, or in preparation for, a criminal or civil proceeding.

HB 7017 Foreign Influence
This bill requires public disclosure of foreign gifts, scrutiny of grant applicants and vendors with certain foreign connections, and thorough scrutiny of foreign applicants for research positions and of foreign travel and activities of employees of major research institutions.

HB 1261 Higher Education
State University Career Planning and Information
The bill establishes a mechanism to connect state university undergraduate students to career information. Specifically, the bill requires the BOG to create an online dashboard of data, by January 1, 2022, regarding state university graduates, which must include post-graduation salary; student loan debt; debt-to-income ratio; estimated loan payment as a percentage of income; and percentage of graduates who have continued their education.

Each state university board of trustees is to adopt procedures to connect undergraduate students to career planning, coaching, and related programs during the first academic year of the student's enrollment.

Tuition and Fee Exemptions and Waivers
The bill clarifies that a specified postsecondary education tuition and fee exemption applies to a student currently in the custody of the Department of Children and Families (DCF), in foster care, under a court guardianship, or adopted from DCF, or who was in this status when the student turned 18 years of age.

Program of Strategic Emphasis BOGO Waiver
The bill creates a fee waiver, beginning in the 2021-2022 academic year, for Florida students who enroll in one of eight Programs of Strategic Emphasis identified by the Board of Governors. A state university must waive tuition and fees for one upper-level course in that program for every upper-level course in which the student is enrolled. The bill also provides that students who receive the fee waiver for these courses will receive their standard award from the Bright Futures Florida Academic Scholars or Florida Medallion Scholars program. The waiver is available for up to 110 percent of the degree program credit hours.

Free Seat Program
The bill creates the State University Free Seat Program for Florida veterans and active-duty personnel, and nontraditional students who have been out of school for five years, to enroll in an online baccalaureate program. Under the program a state university must waive tuition and fees for one online course. For all other courses in the online program, the state university may not charge more than 75 percent of the standard tuition rate and tuition differential fee. The discount is available for up to 110 percent of the program credit hours, and the program is capped at 1,000 students systemwide.

Grandparents Waiver
The bill creates an out-of-state fee waiver for nonresident students, starting in the 2022-2023 academic year, who (1) have a grandparent who is a legal resident of Florida; (2) earn a high school diploma comparable to Florida's; (3) achieve an SAT score in the 89th percentile, or a score on another comparable admissions test; and (4) enroll as a full-time undergraduate student at a state university in the fall academic term immediately following high school graduation. The waiver is available for up to 110 percent of the degree program credit hours and is capped at 350 students systemwide.

Financial Aid Programs
The bill modifies the Benacquisto Scholarship Program to remove initial eligibility for non-resident students beginning with the 2022-2023 academic year.

SB 1108 Education
Beginning with students initially entering a state college or state university in the 2021-2022 school year and thereafter, each student must demonstrate competency in civic literacy by achieving a passing score on an assessment and by successfully completing a civic literacy course.
Credits earned for such courses via articulated acceleration mechanisms will count toward the civic literacy competency requirement.

The State Board of Education and the Board of Governors must adopt by rule and regulation, respectively, approved assessments that address the competencies listed in the bill and courses that meet the requirements.

The chair of the State Board of Education and the chair of the Board of Governors, or their respective designees, shall jointly appoint a faculty committee to develop one or more ~~a~~ new courses ~~course~~ in civic literacy or revise an existing general education core course in American History or American Government to include, at a minimum, opportunities to engage synchronously in political discussions and civil debates with multiple points of view and to master the ability to synthesize information that informs civic decision-making.

Recommended Action:
N/A

Alternatives to Decision:
N/A

Fiscal Impact and Source of Funding:
N/A

Authority for Board of Trustees Action:
N/A

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:
Michael D. Johnson, Interim Provost and Vice President for Academic Affairs

Supporting Documentation:
Attachment A: Academic Affairs Legislation Implementation Update

Facilitators/Presenters:
Michael D. Johnson
Rhonda Bishop, Vice President for Compliance and Risk
Youndy Cook, Interim Vice President and General Counsel
Adrienne Frame, Interim Vice President for Student Development and Enrollment Services
Elizabeth Klonoff, Vice President for Research and Dean, College of Graduate Studies
Theodorea Berry, Vice Provost for Student Learning and Academic Success and Dean, College of Undergraduate Studies
Gordon Chavis, Associate Vice President, Enrollment Services

Academic Affairs Legislation Implementation Update
September 22, 2021

The 2021 legislative session adjourned on April 30, 2021. The session resulted in changes to academic policy across the State University System, taking effect July 1, 2021. UCF has been working diligently to update internal processes and policies to adopt the changes. This information item provides an initial update on the implementation activities associated with significant legislation that affects Academic Affairs. As implementation progresses, Academic Affairs will continue to provide updates on these items.

House Bill 233 (HB 233) – Post Secondary Education
Description: The bill prohibits the State Board of Education and Board of Governors from shielding students, staff, and faculty from certain speech; requires the State Board of Education to conduct annual assessment on intellectual freedom and viewpoint diversity; creates a cause of action for recording or publication of certain video or audio recordings; revises provisions related to protected expressive activity, university student governments, and codes of conduct.

Detailed Information about HB 233 can be found on the Florida House of Representatives website:
https://www.myfloridahouse.gov/Sections/Bills/billsdetail.aspx?BillId=70303.

Implementation Activities:
- On July 15, UCF sent *Faculty Guidance on Florida's New Intellectual Freedom Law* to faculty with information about the new statue.
    - The Karen L. Smith Faculty Center for Teaching and Learning has provided faculty suggested syllabus language, along with additional information and an FAQ section.
    - The Office of Student Involvement has integrated a FAQ section for students about the statute on their Use Your Voice website.
- UCF has implemented on an emergency basis Code of Conduct regulations to comply with the statutory changes. These regulations include:
    - UCF 5.009: Student Conduct Review Process; Sanctions
    - UCF 5.013: Organization Conduct Review Process; Sanctions; Appeals
    - UCF 5.015: Student Academic Behavior Standards

- In its September 1, 2021, regular meeting, the Board of Governors approved a public notice to approve amendments to Board of Governors' Regulation 6.0105 Student Conduct and Discipline to comply with amendments to section 1006.60, Florida Statues, enacted during the 2021 legislative session.

House Bill 7017 (HB 7017) – Foreign Influence
Description: The bill requires any state agency or political subdivision to disclose certain gifts or grants received from any foreign source to the Department of Financial Services within a specified timeframe; requires any entity that applies for a certain grant or proposes a certain contract to disclose to a state agency or political subdivision any current or prior interest of, contract with, or grant or gift received from a foreign country of concern under certain circumstances; requires institutions of higher education to semiannually report to certain entities regarding certain gifts they received directly or indirectly from a foreign source; authorizes a whistle-blower to report an undisclosed foreign gift to the Attorney General or the Chief Financial Officer; authorizes the Chief Financial Officer to incur expenditures to provide such reward from the penalty recovery; requires certain state universities and other entities to screen certain foreign applicants seeking employment in specified research positions; and requires certain state universities and other entities to establish an international travel approval and monitoring program, etc.

Detailed Information about HB 7017 can be found on the Florida House of Representatives website:
https://www.myfloridahouse.gov/Sections/Bills/billsdetail.aspx?BillId=72872.

Implementation Activities:
- UCF is diligently working and making progress on efforts to ensure compliance. Efforts include work by Compliance, Ethics, and Risk and the Office of Research, including a working group tasked with developing a screening process to meet the requirements of this statute.
    - On September 2, the Office of Research sent a campus-wide email indicating a hiring freeze for research-related positions until a screening process has been fully implemented. The freeze does not impact students currently attending or employed with UCF and/or individuals currently employed with UCF.
- On June 14, UCF sent a *New State Legislation to Impact Research-related Hiring Starting July 1* communication to all faculty and staff making them aware of the changes that would result from the new statute.
- The Office of Research houses a Protecting Against Foreign Influence webpage with information and resources to assist the UCF community in better understanding risks related to inappropriate foreign influence, ways to mitigate

these risks, and how to meet federal and state reporting requirements related to foreign influence.

House Bill 1261 (HB 1261) – Higher Education
Description: The bill prohibits certain educational institutions from being civilly liable for certain actions; requires state universities to waive certain tuition & fees for certain students who meet specified criteria; and revises eligibility criteria for specified grant program. Programs associated with tuition and fee waivers include Programs of Strategic Emphasis BOGO Waiver, Free Seat Program, and the Grandparents Waiver. The bill also requires the Board of Governors to publish of a career planning dashboard, by academic discipline, to include information related to post-graduation salary, student loan debt, and percentage of graduates who have continued their education beyond the baccalaureate level.

Detailed Information about HB 1261 can be found on the Florida House of Representatives website:
https://www.myfloridahouse.gov/Sections/Bills/billsdetail.aspx?BillId=72413.

Implementation Activities:
- At its June 2021 meeting, the Board of Governors approved the list of Programs of Strategic Emphasis to include eight programs in science, technology, engineering, and math (STEM). The programs approved are: Information Technology (CIP 11.0103), Computer Engineering (CIP 14.0901), Management Information Systems (CIP 52.1201), Civil Engineering (CIP 14.0801), Electrical and Electronics Engineering (CIP 14.1001), Computer and Information Sciences (CIP 11.0101), Mathematics (CIP 27.0101), and Physics (CIP 40.0801).
- At its September 1, 2021, meeting, the Board of Governors approved a public notice to approve amendments to Board of Governors' Regulation 7.008, Waivers and Exemptions of Tuition and Fees. The amendments account for new student waivers:
    - Online Free Seat Program: State universities shall waive the tuition and fees for one online course for students enrolled in an online baccalaureate degree program, as well as provide discounted tuition and tuition differential for all other courses in the program, for resident students that meet certain eligibility requirements, including veterans, active-duty members of the U.S. Armed Forces, active drilling members of the Florida National Guard, and nontraditional students. Waivers are capped at 1,000 students systemwide each academic year.
    - Programs of Strategic Emphasis Waiver: For every student enrolled in a Program of Strategic Emphasis, a state university shall waive 100 percent of the tuition and fees for an equivalent course in such program for Florida residents who meet certain criteria.

- - Waiver for Resident Grandparent: Beginning with the 2022-2023 academic year, state universities shall waive the out-of-state fee for a student who has a grandparent that is a legal Florida resident for tuition purposes and if certain eligibility conditions are met. Waivers are capped at 350 students systemwide each academic year.

Senate Bill 1108 (SB 1108) – Education
Description: The bill requires certain students to take a specified assessment relating to civic literacy; and requires certain postsecondary students to complete a civic literacy course and pass a specified assessment to demonstrate competency in civic literacy.

Detailed Information about SB 1108 can be found on the Florida House of Representatives website:
https://www.myfloridahouse.gov/Sections/Bills/billsdetail.aspx?BillId=71544.

Implementation Activities:
- UCF houses a Civic Literacy website for students with information and resources associated to Civic Literacy.
  - The College of Undergraduate Studies and Registrar's Office, under the Division of Student Learning and Academic Success, serve as leads for these efforts.
- At its June 23, 2021, the Board of Governors approved a public notice of intent to amend Board of Governors' Regulation 8.006, Civic Literacy. The amendment would account for changes from the 2021 legislative session, modifying civic literacy requirements. The item was not on the September 1 Board of Governors' agenda.
- At its September 1, 2021, the Board of Governors approved a public notice to approve amendments to Board of Governors' Regulation 7.003, Fees, Fines and Penalties. The amendment exempts the civic literacy course requirement from the Excess Hour Fee.