

**Florida Board of Governors**

**Request to Offer a New Degree Program**

University of Central Florida  
University Submitting Proposal

Fall 2013  
Proposed Implementation Date

College of Sciences  
Name of College or School

Political Science  
Name of Department(s)

Security Studies  
Academic Specialty or Field

Ph.D. in Security Studies  
Complete Name of Degree  
(45.1001 - Proposed CIP Code)

**The submission of this proposal constitutes a commitment by the university that, if the proposal is approved, the necessary financial resources and the criteria for establishing new programs have been met prior to the initiation of the program.**

March 17, 2011  
Date Approved by the University Board of Trustees

John C. Hill 3/15/11  
President Date

[Signature] 03/17/11  
Signature of Chair, Board of Trustees Date

[Signature] 3-14-11  
Provost and Vice President Date  
For Academic Affairs

Provide headcount (HC) and full-time equivalent (FTE) student estimates of majors for Years 1 through 5. HC and FTE estimates should be identical to those in Table 1. Indicate the program costs for the first and the fifth years of implementation as shown in the appropriate columns in Table 2. Calculate an Educational and General (E&G) cost per FTE for Years 1 and 5 (Total E&G divided by FTE).

Implementation  
Timeframe

Projected Student  
Enrollment (From Table 1)

Projected Program Costs  
(From Table 2)

	HC	FTE
Year 1	5	2.97
Year 2	10	6.88
Year 3	15	9.69
Year 4	17	10.44
Year 5	20	11.83

Total E&G Funding	Contract & Grants Funding	E&G Cost per FTE
329,265	0	110,910
552,083	0	46,662

*\*Year 4 and 5 include part-time students*

## **INTRODUCTION**

### **I. Program Description and Relationship to System-Level Goals**

- A. Briefly describe within a few paragraphs the degree program under consideration, including (a) level; (b) emphases, including concentrations, tracks, or specializations; (c) total number of credit hours; and (d) overall purpose, including examples of employment or education opportunities that may be available to program graduates.**

This proposal is for a Ph.D. degree in Security Studies. National security is one of the primary concerns of U.S. policy and has been particularly prominent since the terrorist attacks on the United States on September 11, 2001. The attacks made it more obvious than ever that national security is intrinsically linked to international factors. Since then, national security has permeated all facets of political life as well as citizens' daily life, from airplane travel and civil liberties to the deployment of American troops in Afghanistan and Iraq. The U.S. defense budget totaled \$693 billion and the intelligence budget amounted to \$75 billion in 2009, signaling the crucial importance of security for the nation; the economic impact of the defense and security industry on the state of Florida amounts to \$52 billion per year. The study of national security in an international context is thus of highest priority and has implications for UCF and the state of Florida, but also for the country at large.

Despite the urgency of the issue, only a few programs exist nationally with this focus. No institution of higher education, public or private, in the state of Florida offers specialized advanced graduate education in this field. The proposed program aims to fill the need for such a program to prepare graduates for careers in government, non-profit, and academic settings.

The proposed Ph.D. in Security Studies offers rigorous training for students interested in national security, international affairs, world politics, and transnational problems. The program emphasizes considerable flexibility in terms of the theoretical diversity and intellectual breadth that characterizes security studies. Students will be confronted with traditional theoretical approaches to international security such as realism and traditional topics such as the causes of war, terrorism, and political violence, but they will also be trained in the use of more recent theories such as social constructivism, feminism, and critical theory, and in "new" security issues such as environmental issues, genocide, poverty and inequality, economic security, and the global spread of epidemics such as AIDS. International security scholars today offer a broad range of theoretical approaches to a variety of traditional and non-traditional issues, and the program is designed to reflect this diversity in its course offerings. That diversity is also reflected in its broad theoretical and methodological eclecticism; students will be trained in both quantitative and qualitative methods, for instance, as appropriate to their chosen emphasis within security studies. Large-N quantitative surveys have traditionally been thought most appropriate in the study of war, for example, while more qualitative, case study-based approaches are often utilized in the study of terrorism. The program is designed to ensure that students graduate with a full range of theoretical tools and methodological skills. The external consultants that visited the UCF campus to evaluate the proposal conclude in their final report that "there is the need for a program that focuses on Security Studies especially one as in this proposal that emphasizes this specific focus and career track by design." (See Appendix I.1 for complete consultants' report).

The proposed Ph.D. program will admit students who have completed a Master's degree in Political Science, International Studies, or a related field. This ensures that admitted students will have a solid grounding in mainstream political science or international relations and are well prepared to take on the more specialized coursework and research required for a Ph.D. in Security Studies. Students admitted to the program will complete 62 hours of course work beyond the Master's degree, including dissertation research, to obtain a Ph.D. in Security Studies. The course work consists of 15 hours of required core classes in issues and theories of security studies as well as advanced quantitative and qualitative research methods; 15 hours of restricted electives in courses on security; 12 hours of unrestricted electives, which can include up to 6 hours of internship credit; and a minimum of 18 hours of dissertation research. In addition, students will be required to complete two 1-credit hour professional development courses that will prepare them for a career in academic and non-academic environments, including questions of research ethics in the field, grant proposal preparation, and teaching preparedness. Student progress will be assessed through annual reviews, an oral qualifying exam at the end of the first year, a written candidacy exam prior to enrollment into dissertation hours, an oral defense of the dissertation proposal, and an oral defense of the dissertation.

The proposed Ph.D. satisfies an existing demand among students in Florida and will equip graduates with qualifications that will make them highly competitive for employment in an academic career as well as for employment with government agencies or non-profit organizations. Students in the undergraduate program in political science as well as students in the M.A. program in political science at the University of Central Florida have expressed great interest in and enthusiasm for the proposed Ph.D. program and have shown a strong interest to apply. Student applications are expected to come primarily from universities located within the state, especially the M.A. program in Political Science – International Studies track at UCF, but also from other graduate programs within the SUS system and the M.A. in Conflict Analysis and Resolution at Nova Southeastern University.

In addition to a need for this program, there is also a clear demand for a Ph.D. in Security Studies. Employment opportunities for those with expertise in security studies are expected to grow faster than the national average. According to the Bureau of Labor Statistics, "demand for political science research is growing because of increasing interest in politics, foreign affairs, Political scientists will use their knowledge of political institutions to further the interests of nonprofit, political lobbying, and social and civic organizations." Agencies such as the CIA list multiple employment opportunities that require the qualifications Ph.D. graduates from the proposed program would possess, as do several government agencies, including the Department of Defense and the Department of Homeland Security. Dennis Bowden, Director of Policy Support at the CIA, states that "I can say that there is a need at CIA, and elsewhere in the Intelligence Community, for people with advanced security studies credentials, whether they came from the University of Central Florida or elsewhere. Given the spectrum and importance of challenges facing the country, there is a need in our national security establishment for a new generation of leaders with such academic training" (see letter of support in Appendix I.2). Focusing on Florida, the state's need for persons with advanced security studies training is tied to its political, economic, geographic, and military characteristics. Florida is home to one of the

nation's largest defense and homeland security clusters with an economic impact on the state of \$52 billion. The military and defense communities now support more than 723,000 jobs with an additional \$8 billion expected to be flowing into the state's defense and security sector in the next two years, providing new job prospects. Sarah Bynum, the Director of Security at Siemens confirms that the program will be of "great benefit" to businesses (see Appendix I.3). Dr. Joan Johnson-Freese, Professor at the Naval War College states that "Within Florida, organizations from CENTCOM and SOUTHCOM to Kennedy Space Center (and the associated aerospace industries) and Florida-based non-governmental organizations have strong demands for specialists in human security issues, as well as within the constituencies they serve" (see Appendix I.4). Many of these jobs require skill sets that the proposed Ph.D. program will provide its graduates. The external consultants comment that "The demand for expertise that the nation is currently in short supply of has become clear as the national security community within the Federal Government struggles to train and educate its work force. The military services and the civilian agencies have turned to the university system in the United States for expertise related to the numerous topics central to security studies." Dr. James Ludes, Executive Director of the American Security Project, similarly comments that "Graduates with a Ph.D. in security studies from UCF ... would find many opportunities for government service" (see Appendix I.5).

Academic demand for qualified Ph.D.s in fields related to security studies is similarly strong. During the last five years, 332 open academic positions were listed by the American Political Science Association in the security-related fields. There are, however, only three Ph.D. programs in the country that specialize in security studies (Tufts, Georgetown, George Washington; a new interdisciplinary program at Kansas State University is too young to contribute to the job market), and none in the state of Florida. Given the focus of the proposed program, our graduates would thus be uniquely qualified for academic careers in the field of security studies.

In short, there is both a strong demand and need for a Ph.D. program in Security Studies, and the proposed curriculum will qualify graduates to pursue careers in the academic and non-academic sectors. Dr. Bernard Finel, Associate Professor at the National Defense University, comments that "The UCF program is, if anything, better integrated" than similar programs "at Georgetown, George Washington, and Tufts" (see Appendix 1.6).

The external consultants conclude in their report (see Appendix I.1) that this program "would advance the institution's goals for achieving greater international prominence in graduate study and research." They judge that the proposed curriculum is sound and that the faculty members are well qualified to implement the program. They also state that there is a need for this program. The proposed program would benefit UCF, the state of Florida, and the nation by adding highly educated Ph.D. graduates that are qualified to join the workforce in Florida and nationally in an area of central concern to the national interest.

Furthermore, undergraduate students at the University of Central Florida and the Department of Political Science will benefit from the new program. The Ph.D. program will make it easier to attract and retain top faculty members, outstanding graduate students conducting research, and will open broader opportunities to obtain federal funding. It will also increase the number of doctoral degrees granted by UCF. Furthermore, the proposal includes the hiring of three new

faculty members, whose primary responsibility will be to support the Ph.D. program but who will also teach undergraduate courses as the departmental teaching effort collectively shifts among the faculty within the program. Furthermore, undergraduates will benefit because the Ph.D. students, starting in their second year, will have the opportunity each year to teach at the undergraduate level as instructors of record. This will help meet the expected undergraduate course demand in a growing program, will increase the number and range of course offerings available to undergraduate students, and will further compensate for a shift in effort of existing faculty members from the undergraduate to the graduate level. Currently, many of the introductory sections Ph.D. students will be assigned to teach are covered by adjunct faculty or occasionally M.A. students. Consequently, having highly trained Ph.D. students cover some of these sections will reduce the need for adjunct faculty and Master's students, thereby saving money and improving the quality of instruction. During their first year, all Ph.D. students will serve as Graduate Teaching Assistants. This will increase the total number of GTAs available to assist professors with instruction, providing needed support to existing faculty in a growing undergraduate program. Undergraduate students will also benefit from the added emphasis on cutting-edge research that the Ph.D. will incentivize and from the additional library resources that are part of this proposed Ph.D. program. We will further strive to reduce the cost of the program by pursuing additional GTA support through external grants as well as external and UCF scholarships and fellowships. In sum, the proposed Ph.D. in Security Studies will be of benefit to the state, the region, and the University of Central Florida.

**B. Describe how the proposed program is consistent with the current State University System (SUS) Strategic Planning Goals. Identify which goals the program will directly support and which goals the program will indirectly support. (See the SUS Strategic Plan at <http://www.flbog.org/about/strategicplan/>)**

The 2005-2013 SUS Strategic Planning Goals state that the Board of Governors encourages the advancement or establishment of world-class doctoral programs especially when they are (see SUS Strategic Plan, p. 6):

- Consistent with institutional mission and statewide goals
- In targeted fields
- Non-duplicative or sufficiently unique compared to similar SUS programs
- Demanded by both students and employers
- Capable of demonstrating that their costs, when weighed against their measurable benefits, make a compelling argument for return on investment

The proposed Ph.D. program in Security Studies directly supports the following criteria:

**a. The proposed Ph.D. program is consistent with institutional mission and statewide goals.**

○ *Institutional mission – UCF:*

The University of Central Florida is a public multi-campus, metropolitan research university that stands for opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental and

societal needs by providing high-quality, broad-based education and experienced-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.

The proposed program directly fits UCF's mission by meeting the needs of UCF's student population for a Ph.D. program in Security Studies, by expanding the educational opportunities in the metropolitan area, by promoting pioneering scholarship and impactful research on Security Studies, by enriching student development and leadership growth through a graduate education that challenges students to develop their potential and take on leadership positions both in the university setting and in future careers, and by promoting highly relevant continuing education that pertinently addresses regional, national, and international issues in support of the global community through the program's focus on security studies. Florida is home to one of the nation's largest defense and homeland security clusters and houses seven Navy and Marine bases, including the third largest naval facility in the U.S. In addition, Florida houses six Air Force bases and 11 Coast Guard bases. Among them is MacDill Air Force Base in Tampa, the chief headquarters for Central Command, which runs the wars in Iraq and Afghanistan. Florida has a coastline of nearly 2000 miles and 14 deepwater seaports, with Tampa being the largest port in the state. Central Florida is also the location of choice for international business corporations, such as Siemens, which have high security needs in the area of industrial security for their international projects. Security is thus an area that is of integral significance for the Central Florida region, the state, the nation, and the global community. In sum, the proposed program fully supports the University of Central Florida's mission.

- ***UCF's goals:***

- Goal 1: Offer the best undergraduate education available in Florida.*

- While the proposed program is at the Ph.D. level, its institutional impact encompasses not just graduate, but also undergraduate education. Undergraduates will benefit from the proposed program by exposure to new faculty and the assistance of highly qualified Graduate Teaching Assistants. Ph.D. students, starting in their second year, will also teach courses as graduate instructors of record and replace less qualified adjuncts and Master's degree students. The new faculty members and the GTAs will offer new courses and improve instruction. Benefits will also be indirect as the Ph.D. program will raise the national profile of the department, which may help B.A. graduates find employment. Furthermore, the proposed program will result in increased research productivity in the department, which in turn will lead to increased opportunities for undergraduate research through collaborative projects with the current and new faculty members. Undergraduate students will also benefit from the additional library resources that are proposed as part of this proposal.

*Goal 2: Achieve international prominence in key programs of graduate study and research.*

The Ph.D. program in Security Studies will bring international prominence in graduate education and research in several ways. Upon approval of the program, UCF will become one of only four universities in the United States that offers a Ph.D. in Security Studies (the other ones being Tufts, Georgetown, and George Washington). The proposed program will differ from existing Ph.D. programs in Political Science in Florida by having a clear focus on Security Studies. In addition to its unique focus, the program will also bring international prominence to UCF through the excellent research conducted in an area of primary concern to the Central Florida community, the state of Florida, the nation, and the international community. These areas of concern include terrorism, armed conflict, and national defense, as well as other areas such as environmental, economic, and energy security. Moreover, the existence of a Ph.D. program will make it easier to attract and retain top faculty members, outstanding graduate students conducting research in this area, and will open broader opportunities to obtain federal funding. The proposed program will also result in an increased number of doctoral degrees granted by UCF.

*Goal 3: Provide international focus to our curricula and research programs.*

The Ph.D. program in Security Studies clearly supports UCF's mission to provide an international focus to curricula and research. The department already supports this mission through its B.A. in International and Global Studies, the Comparative Politics/International Relations track in its Political Science B.A. degree, and its M.A. track in International Studies. The proposed Ph.D. program builds on this strong international focus. Out of the current tenure-earning or tenured faculty members, ten (constituting over half of all tenure-track and tenured faculty) are foreign-born, providing a strong international perspective. The field of Security Studies is fundamentally concerned with relations between states that affect security in the United States, but also in the global community. Thus, we are proposing a Ph.D. curriculum that centers on an existing and very strong international focus. Current faculty research projects already examine international relations and politics around the globe, including the Middle East, Central and East Asia, Western Europe, Latin America, and the Caribbean. The new program will add to this international dimension by adding a focus on Security Studies.

*Goal 4: Become more inclusive and diverse.*

The proposed program in Security Studies will assist UCF in becoming more inclusive and diverse in part because it is one of just a few Ph.D. programs in the United States. By its nature, a program focused on international issues provides an intellectual outlet for understanding diverse cultures and populations. Because of the relative dearth of this type of program, UCF will be an attractive choice for members of minority groups interested in doctoral-level training in Security Studies. The Ph.D. program will also implement strategies to increase the diversity of the faculty as well as the student population. Specifically, women and

minorities will be actively recruited and encouraged to apply for positions in the department. Similarly, we will actively recruit women and members of minority groups as students for the Ph.D. program.

*Goal 5: Be America's leading partnership university.*

The Ph.D. in Security Studies will assist UCF in becoming America's leading partnership university through its focus on Security Studies. Partnerships at UCF include close collaboration with the Office of Global Perspectives, which regularly invites speakers on relevant topics, facilitates contacts, and houses an internationally known expert on terrorism, Dr. Stephen Sloan, the Lawrence J. Chastang Distinguished Professor of Terrorism Studies. Collaboration is also envisioned with the College of Science's Psychology Department, especially in the area of human factors. Another local collaboration is with the College of Arts and Humanities' History Department and its program on military history. Partnerships in the metropolitan area include Siemens, whose Security office has expressed a strong interest in the program; the Director of Siemens Security serves on the program's advisory board. Siemens also has established a grant program for research on economic security internationally. National partnerships have already been established through the creation of the program's advisory board, which includes individuals from American Security Project (a non-partisan think-tank), the National Defense University, Kroc Institute for International Peace Studies of the University of Notre Dame, George Washington University, and the U.S. Naval War College. We expect further partnerships to emerge from this program as we cement our existing relationships with internship sites and develop new ones, including with the security departments of local and regional industries. Moreover, we expect new partnerships to be built as faculty members engage in collaborative research with colleagues across the country and abroad. The department already has well-established collaborative research relationships with universities and research institutes in Europe and the proposed program will add new opportunities for partnerships within the U.S. and abroad.

- b. **The proposed Ph.D. program is non-duplicative and sufficiently unique compared to similar SUS programs:** Rather than providing a Ph.D. degree in the general broad field of political science, the proposed program is focused on Security Studies, providing it with a unique character. No Ph.D. program within the SUS system focuses specifically on Security Studies, a field of crucial importance in an increasingly global world. The curricular focus lies on international security including the implications for the United States. This focus makes the program clearly unique and non-duplicative within the SUS system. Furthermore, the current demand for Ph.D.s with security knowledge surpasses the capacity of existing programs in the SUS system to meet existing demand: Between 2005 and 2010, the percentage of applicants that were admitted and enrolled in SUS institutions to political science programs varied from 15.8 percent to 36.8 percent at FIU, from 16.5 to 22.4 percent at UF, and from 13.4 to 24.1 percent at FSU. In national comparison, Florida lags significantly behind in the production of Ph.D. graduates (see Section II.B for more detail).



- c. **Demand by both students and employers:** As Section II demonstrates, both undergraduate and current graduate students in the department's M.A. program have expressed broad demand for a Ph.D. in Security Studies. In a survey of students enrolled in undergraduate courses related to security issues, 85 percent (a total of 71 students) expressed interest in applying for the proposed program; an M.A. graduate student focus group similarly expressed strong interest in the program. Within the state of Florida, there is an unmet student demand for Ph.D. positions. Among the three established Ph.D. programs in Political Science (Florida International University, University of Florida, and Florida State University), only approximately 21 percent of applicants enroll, leaving a large number of students interested in pursuing a Ph.D. program in the state of Florida. Potential employers, in academic and applied settings as well as private industry, have also identified a need for such a program focused more on security and international security matters.

## **INSTITUTIONAL AND STATE LEVEL ACCOUNTABILITY**

### **II. Need and Demand**

- A. Need: Describe national, state, and/or local data that support the need for more people to be prepared in this program at this level. Reference national, state, and/or local plans or reports that support the need for this program and requests for the proposed program which have emanated from a perceived need by agencies or industries in your service area. Cite any specific need for research and service that the program would fulfill.**

The need for students with doctoral level international security expertise, with secondary expertise in languages other than English at the international, national, and state levels, is evidenced by both aggregate and individual-level factors. International, national, and state-level employment trends suggest that students with doctoral level training in international security are in demand in governmental, non-governmental, military, corporate, and academic occupational environments. Limited national-level growth in doctoral program offerings with an international security focus also show that students completing their doctorates in this field will be well prepared to be active contributors to academic and applied settings that require international security expertise.

#### **Need in Non-academic Areas**

Florida's need for persons with advanced security studies training is tied to its political, geographic, and military characteristics. Florida is home to one of the nation's largest defense and homeland security clusters with an economic impact on the state of \$52 billion. There are seven Navy and Marine bases in Florida, including the third largest naval facility in the U.S. In addition, Florida houses six Air Force bases and 11 Coast Guard bases. Among them is MacDill Air Force Base, the chief headquarters for the wars in Iraq and Afghanistan, housing two strategic military commands — U.S. Central Command and Special Operations Command. Furthermore, Southern Command is located in Miami. Florida has a coastline of nearly 2000 miles and a 2300 mile tidal shoreline, more than 11,000 miles of rivers, streams and waterways, and 14 deepwater seaports, with Tampa being the largest port in the state. Lake Okeechobee, at

700 square miles, is its largest lake, and the second largest freshwater lake in the United States. The security of shorelines and ports is thus a crucially important issue for the state of Florida and its economy.

Enterprise Florida, a partnership organization devoted to the state's economic development, reports that the military and defense communities now support more than 723,000 jobs with an additional \$8 billion expected to be flowing into the state's defense and security sector in the next two years, providing new job prospects. Clearance Jobs states there is an ongoing need for cleared personnel with backgrounds in international affairs, intelligence, and languages – skills that the proposed Ph.D. program will provide.

Florida's multiple military installations speak to an ongoing demand for persons with advanced security studies training. Coupled with Florida's dynamic and diverse population centers, large coastline, and its proximity to Central America, we expect that students completing the Ph.D. in Security Studies will enjoy employment opportunities in Florida upon degree completion and will thereby also make a contribution to Florida's economy as they take on high-paying employment. Florida's extensive coastline makes border security an important issue, for instance. Congress recently passed an emergency supplemental appropriations bill for \$700 million on border security, including a Secure Freight Initiative, a Container Security Initiative, and an Unmanned Aircraft Systems Program – all areas germane to Florida with its many ports and NASA installations.

Several private companies focusing on homeland security that serve in a contracting role to the U.S. government are located in Florida. A review of these companies shows evidence of demand for persons with security studies backgrounds. These companies include Centauri Solutions (a member of the Inc. 500 list), which is hiring Senior All Source Analysts and Senior Intelligence Analysts in Tampa. Several private companies are currently recruiting to fill positions at Eglin Air Force Base in northwest Valparaiso, Florida. These jobs pay between \$50,000 and \$62,000 per year.

In the military community, a review of [www.usajobs.gov](http://www.usajobs.gov) shows that there are presently 324 job openings in Florida on military bases that include the term "security specialist" in the position description. The jobs are located all around the state. Starting salaries for these positions are in the \$65,000-\$80,000 range.

This review of position descriptions within the non-profit, governmental, private, and military sectors shows that graduates with advanced degrees in security studies will be well prepared to undertake multiple professional opportunities in competitive and well-paying arenas in the state of Florida as well as across the country. Much of the nation's security needs has been decentralized with less focus on the Beltway area. For example, the Department of Homeland Security has since 2002 established 12 Centers of Excellence that are housed at different universities across the country. Private security companies are also increasing and are spread over the country. This provides realistic opportunities for the proposed program to collaborate with the security industry, both public and private, and to lead to job growth in the Central Florida region. Practitioners who themselves are security studies experts, or who work with security studies specialists, reinforce these findings.

At the national level, students with international security studies backgrounds will find employment opportunities in numerous arenas. These opportunities include applied settings, as evidenced by the Bureau of Labor Statistics (BLS) *Occupational Outlook Handbook, 2010-11 Edition*. The BLS report notes that “most political scientists—about 63%—work for the Federal Government” and “higher degrees are required for a majority of positions.” Many work in scientific research and development services as well. These positions require administrative and research skills, which will be included in the Ph.D. in Security Studies curriculum. Further, demand for policy analysts with government and professional and private organizations is also expected to increase, although the Bureau of Labor Statistics report does not specify the policy specialty where demand will occur. Still, the curricular emphasis on policy analysis in a security studies context will enhance students’ ability to perform in policy analyst roles. In addition, expected retirements in these applied fields will increase demand for recent graduates.

The Bureau of Labor Statistics anticipates that employment in applied settings for political scientists will grow faster than the national average. National growth is expected to be 20 percent from 2008 to 2018 in applied fields regardless of field. Thus, it is expected that national growth over the next decade will exceed 20 percent for political scientists in applied fields. Among trained political scientists, “job opportunities should be the best for jobseekers with a master’s or Ph.D. . . . with strong quantitative skills in public policy and research,” skills emphasized in the Ph.D. in Security Studies curriculum.

The BLS report further states that:

Demand for political science research is growing because of increasing interest in politics, foreign affairs, and public policy, including social and environmental policy issues, healthcare, and immigration. Political scientists will use their knowledge of political institutions to further the interests of nonprofit, political lobbying, and social and civic organizations. Job growth also may be driven by the budget constraints of public resources. As a growing population exerts excess demand on certain public services, political scientists will be needed to analyze the effects and efficiencies of those services, as well as to offer solutions.

The Ph.D. in Security Studies curriculum incorporates emphases on many of these demand areas, along with those areas within political science that will experience significant job growth.

The strength of the Ph.D. in Security Studies curriculum will also help graduates meet demand in other fields as graduates with expertise in policy and research will be qualified to pursue opportunities that would not apply to those with strictly political science training.

A recent review of the CIA’s “Careers” found that the CIA is actively seeking multiple persons for the position of “Counterterrorism Analyst.” The job description includes the following skills: “Counterterrorism analysts assess developments related to terrorism worldwide in support of US policymakers. They monitor and assess the leadership, motivations, plans and intentions of foreign terrorist groups and their state and non-state sponsors. Counterterrorism analysts also produce a range of current and longer-term intelligence products, brief key US policymakers and

provide tactical analytic support to law enforcement and intelligence operations. Agency analysts are encouraged to maintain and broaden their professional ties through academic study, contacts, and attendance at professional meetings. They may also choose to pursue additional studies in fields relevant to their areas of responsibility. Opportunities exist for foreign travel, language training, analytic and management training, and assignments in other offices in the Agency and throughout the US Government.” The minimum position requirements are an advanced degree in international affairs or national security studies. The CIA’s “Careers” website link currently lists multiple other positions, for which all the graduates of this program would be qualified. Furthermore, the CIA regularly holds Open Days on campus, and often exhibits a strong interest in hiring students trained in the political psychology of conflict and terrorism in particular; the Department of Political Science has noted strengths in this area, and the proposed Ph.D. program will contain doctoral-level courses on political behavior and decision making in international conflict and terrorism, qualifying graduates for these types of positions.

Multiple Cabinet-level departments include position announcements and descriptions for which the Ph.D. in Security Studies will serve as appropriate preparation. These Cabinet-level departments include the Department of Defense, the Department of Veterans’ Affairs, the Department of Homeland Security and the Department of State. For example, multiple recent listings on the Department of Defense website include the “program analyst” position. While the position description does not specify educational preparation, it is clear from the description that the Ph.D. in Security Studies provides a solid fit. The position description includes skills such as “Comprehensive knowledge of the range of administrative, acquisition and budgetary laws, policies, regulations and precedents applicable to the administration of one or more missile programs.” As of July 2010, there were 15 positions being recruited at the federal Department of Homeland Security within the category “Security Specialist.” Further, recent reports published in *The Washington Post* state that the National Security Agency plans to grow its workforce by 25 percent in the next 15 years. The private sector, comprised of government contract employees whose key focus is domestic and international security, also exhibits growth. A 2007 report by the Office of the Director of National Intelligence stated that while the overall number of private and government intelligence employees is not public information, about 40 percent of all contract intelligence officers have been hired to collect or analyze information. Graduates from the proposed program will be well qualified as they will have the skills to frame problems independently and lead research teams. The Department of Defense recently advertised a position as Military Analyst for Space Systems, a civilian position at the Army Space and Strategic Defense Command in Huntsville, AL. In sum, the need for Ph.D. graduates with training in Security Studies in the non-academic area in Florida and nationwide is large and unmet.

### **Need in the Academic Area**

In addition to preparing the graduates of the proposed program for employment in the government and non-profit sectors, the program will also prepare them to be competitive for an academic career. Again, the field of international relations and especially the areas related to Security Studies present growing employment opportunities for graduates from the proposed program. A review of all positions advertised by the American Political Science Association requiring security or security-related expertise going back five years (2005-2010) was conducted. The results demonstrate that colleges and universities across the country, and abroad, are seeking

specialists with doctoral-level expertise in International Relations, Peace Studies, International Studies, Strategic Studies, International Security, Security Studies, Conflict Resolution and Conflict Management. These positions are at all ranks—Assistant, Associate, and Full Professor, along with multiple named chairs and directors, as well as several visiting and multi-year positions. The list also includes multiple research associateships at think-tanks, along with several military colleges such as the American Military University, the Air Force Academy, the Army War College, and the Naval War College. The military professional education units also actively recruited non-military specialists at the 2010 American Political Science conference, indicating a need for trained political scientists for military education.

The large number of position listings speaks to meaningful opportunities for Ph.D.s in Security Studies. For 2005-2010, a total of 353 position openings were listed (see Appendix I.7); of these, 332 were academic positions while 21 were positions in applied settings. Most of the position announcements described entry-level positions for new Ph.D.'s possessing teaching and research skills and experience. The Ph.D. in Security Studies curriculum requires that students complete professional development courses, participate in seminars and symposia involving top-level scholars in the field, and serve as GTAs while also having the opportunity to serve as Instructors of Record in related courses. In completing this curricular and co-curricular program, students will graduate with the skills and knowledge needed to successfully compete for positions of the type most often advertised through the American Political Science Association.

The International Studies Association has also made available its position announcements for January through July 2010. These listings similarly demonstrate a high need for Ph.D.'s in security-related subfields. Of the 44 academic positions listed, 21, or just less than one half, identified security studies or a security-related discipline as a minimum qualification. In addition, there was one position listing in an applied setting requiring a security studies background.

Dr. Joan Johnson-Freese, Chair of the National Security Decision Making Department at the Naval War College, corroborates these macro-level data indicating a need for Ph.D. level experts in Security Studies. In her letter of support, she states that “there are very few doctoral programs focusing on security studies, at a time when specialists in that field are sought for an increasingly wide spectrum of public and private positions.” Furthermore, she notes that in eight years as department chair, she hired about 30 new faculty members “and often had difficulty identifying qualified individuals,” with few and poorly qualified applicants for many of the positions (see Appendix I.4 for letter of support).

These data from both applied and academic professional arenas demonstrate that there is and will continue to be high demand for Ph.D.s in Security Studies. Graduates will find employment opportunities in academia as teachers and scholars. Others working in an academic setting will likely find positions within centers and think-tanks, some of which are affiliated with universities. The opportunities for working in applied settings, such as the federal government, foundations, and other private organizations, is also present, both within the Security Studies field as well as in other fields where qualitative and quantitative research skills, along with policy and political analysis backgrounds, are marketable and desired. Clearly, there is a need for graduates from the proposed Ph.D. program in Security Studies both in academic and applied settings.

- B. Demand: Describe data that support the assumption that students will enroll in the proposed program. Include descriptions of surveys or other communications with prospective students.**

### **Demand by UCF Students**

Section A clearly demonstrates the need for the Ph.D. program in Security Studies. In addition, there also exists a high level of demand for this program. Demand was assessed using two different methodologies within two groups of potential recruits for this program. First, survey research was conducted from among approximately 170 undergraduate students enrolled in UCF undergraduate political science courses within the international relations subfield. Second, a focus group was conducted with a graduate seminar in Quantitative Methods of the M.S. in Political Science program at UCF. A clear majority of undergraduate and graduate students expressed that they were interested in such a program.

At the undergraduate level, 170 students enrolled in INR 2002 (International Relations Theory and Practice), INR 4063 (The Cold War), INR 4084 (Politics of International Terrorism) and INR 4115 (Strategic Weapons and Arms Control), took part in a survey comprised of seven targeted questions pertaining to interest in a Ph.D. program in Security Studies. The survey results demonstrate that the sampled students are interested in issues related to security studies and also evince a broad interest among the sample in pursuing a graduate degree and in applying for the proposed program. Survey highlights include the following (see Appendix I.8 for a copy of the survey and the complete survey results):

1. 68% (116) stated that they intended to attend graduate school
2. About half (80) plan to pursue an MA
3. About one-fourth (29) of all surveyed plan to pursue a Ph.D.
4. 63% (71) of those who were interested in pursuing graduate school indicated that they were interested in a Ph.D. with a specialization in Security Studies program
5. 85% (71) of those who expressed interest in a Security Studies Ph.D. indicated that they would likely apply to the Ph.D. in Security Studies program if it were offered at UCF
6. 77% (131) of the students completing the survey identified a career goal; of these, one half (65) indicated that their professional pursuits included fields that incorporated security studies as a primary or secondary field.

Together, the survey of the undergraduate students exhibits strong program interest pertaining to Security Studies graduate programs including high interest levels in applying for the Ph.D. in Security Studies at UCF once it becomes operational. The survey included just 170 students out of an undergraduate population of about 1400 students in Political Science and International and Global Studies together; the fact that out of those 170 students, 71 expressed an interest in applying to the Ph.D. program is an indication that demand for the program is indeed high. It is also noteworthy that such a large percentage of these students intend to pursue a career in security studies or a related field.

The seminar in Quantitative Methods of Political Science is populated with political science graduate students from across the various tracks in political science offered in UCF’s Political Science M.A. program because it is required for all tracks. A focus group of this class was conducted on June 23, 2010 by two Political Science faculty members (the course instructor and one other faculty member). Six students were asked questions gauging their interest in, and concerns about, UCF offering a Ph.D. in Security Studies.

Students were uniformly positive in their reaction to the possibility that UCF would be offering a Ph.D. in Security Studies. Statements such as “that’s sounds really interesting”, “that is the type of degree program that would really appeal to me”, “that type of program is exactly what I am interested in” point to the recruitment potential of the current M.A. program and exemplify the existing demand for this program. Other indicators of student interest included questions about when the program would start, whether student assistantships and other funding opportunities would be available, and otherwise very positive body language such as head nodding and smiles.

The demand is also evidenced by existing growth patterns of the department’s enrollment in the M.A. program. The number of students enrolled in the program grew in excess of 50 percent from 42 students in 2005 to 65 students in 2009 (see Section IX.D for further detail on program growth).

These data, based on a survey of undergraduate students and a focus group of graduate students, demonstrate strong demand from two UCF feeder populations for the Ph.D. in Security Studies. Clearly, as student reactions exemplify, a strong demand exists in Florida to offer such a Ph.D. in Security Studies.

Within the context of this demand evidenced by UCF undergraduate and graduate students, an environmental scan of available graduate programs in Florida was conducted. It shows that several master’s level graduate programs exist that would serve as ideal feeder programs for the Ph.D. in Security Studies offered at UCF. These feeder programs are available at both public and private institutions and ensure a sufficient number of qualified applicants (see Table II.1).

**Table II.1: M.A. Programs in Political Science and International Studies in Florida**

<b>Institution</b>	<b>Degree Program</b>	<b>Public/Private</b>
Florida Atlantic University	MA in Political Science	Public
Florida International University	MA in Political Science	Public
Florida State University	MA in Political Science	Public
University of Florida	MA in Political Science	Public
University of South Florida	MA in Political Science	Public
Nova Southeastern University	MA in Conflict Analysis and Resolution	Private
University of Miami	MA in International Studies	Private

- C. If similar programs (either private or public) exist in the state, identify the institution(s) and geographic location(s). Summarize the outcome(s) of any communication with such programs with regard to the potential impact on their enrollment and opportunities for possible collaboration (instruction and research). Provide data that support the need for an additional program.**

No Ph.D. program in Security Studies exists in the state of Florida (see Table II.2). Thus, this program would provide an additional educational opportunity for students in the state that is currently lacking. There are private institutions in Florida that offer Ph.D. programs in related, albeit dissimilar disciplines. These programs include the Ph.D. in Conflict Analysis and Resolution at Nova Southeastern University and the Ph.D. in International Studies at the University of Miami and also at Florida International University.

**Table II.2. Ph.D. Programs in Political Science and International Studies and their Specializations in the State of Florida**

<b>Institution</b>	<b>Ph.D. Program</b>	<b>Specializations</b>
Florida International University	Ph.D. in Political Science	American, Comparative, International, Theory
Florida International University	Ph.D. in International Studies	Global Institutions and Issues, Comparative Area Studies, Foreign Policy and Security Studies, International Law
Florida State University	Ph.D. in Political Science	American, Public Policy, Game Theory, Comparative, International Relations
University of Florida	Ph.D. in Political Science	American, Comparative, International Relations, Pol. Behavior, Methodology, Theory, Public Policy
University of South Florida	Ph.D. in Government	Public Affairs, Sustainable Political Communities
University of Miami	Ph.D. in International Studies	International Relations, Comparative Politics, International and Comparative Pol. Economy
Nova Southeastern University	Ph.D. in Conflict Analysis and Resolution	Conflict & Crisis Management, Culture and Ethnic Conflict, International Peace and Conflict, Organizational and School Conflict

In sum, student surveys have demonstrated a high level of demand for the proposed Ph.D. program in Security Studies, while universities in Florida offer few opportunities for students to pursue these interests.

Table II.3 further demonstrates that the demand for an advanced graduate degree in security studies and the existing educational needs are not fully met by existing Ph.D. programs in the state of Florida. A large number of applicants do not pursue a Ph.D. in Political Science or International Relations in Florida.



**Table II.3: Applications, Acceptances, and Enrollment in Ph.D. Programs at Public Florida Institutions and in the U.S.**

	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010
<b>Florida International University</b>					
<i>International Rel.-Applications</i>	58	50	35	36	49
<i>International Rel.-Admittance</i>	12 (20.6%)	11 (22%)	9 (25.7%)	15 (41.7%)	13 (26.5%)
<i>International Rel.-Enrolled</i>	5 (8.6%)	6 (12%)	4 (11.4%)	8 (22.2%)	6 (12.2%)
<i>Political Science-Applications</i>	28	21	19	14	19
<i>Political Science-Admittance</i>	15 (53.5%)	10 (47.6%)	7 (36.8%)	7 (50%)	10 (52.6%)
<i>Political Science-Enrolled</i>	8 (28.6%)	6 (28.6%)	3 (15.8%)	2 (14.3%)	7 (36.8%)
<b>University of Florida</b>					
Applications		73	67	91	85
Admittance		34 (46.6%)	36 (53.7%)	41 (45.1%)	47 (55.3%)
Enrolled		14 (19.2%)	15 (22.4%)	15 (16.5%)	18 (21.2%)
<b>Florida State University</b>					
Applications	80	79	82	100	60
Admittance	32 (40%)	46 (58.2%)	31 (38.3%)	47 (47%)	24 (40%)
Enrolled	12 (15%)	19 (24.1%)	11 (13.4%)	19 (19%)	12 (20%)
<b>George Washington University</b>					
Applications			452	432	466
Admittance			110 (24.3%)	117 (27.1%)	125 (26.8%)
Enrolled			26 (5.7%)	25 (5.8%)	29 (6.2%)

At Florida International University, only about 25 percent of applicants are admitted, and just over 10 percent enroll (with the exception of 2008-2009); in Political Science, about 50 percent of applicants are accepted while the enrollment figures are considerably lower. The University of Florida accepts about 50 percent of its applicants for a Ph.D. in Political Science, and approximately 20 percent of applicants enroll. At Florida State University, between 38 and 58 percent of applicants are admitted to the Ph.D. program, but only between 13 and 24 percent enroll. Thus, a large number of students every year are interested in pursuing a Ph.D. in Political Science in the state of Florida but only a small fraction actually enrolls in a Florida university, and none have the opportunity to obtain specialized knowledge in security studies.

Table II.4 similarly illustrates the need for further offerings in Ph.D. programs with an emphasis in Security Studies. Less than one-quarter of applicants at George Washington University are accepted and only about 6 percent of applicants enroll.

The shortage of Ph.D. programs in the state of Florida is also reflected in comparison to other large states, as evidenced by Table II.3. Between 2004 and 2007, Florida awarded a total of 47 doctoral degrees in Political Science, while Texas awarded 83 degrees, New York 332, and California 362 during the same time period.

**Table II.4: Political Science Ph.D. Programs and Productivity in Large States, 2004-2007**

	Florida	Texas	New York	California
Number of Ph.D. Programs	3	7	13	11
Ph.D. Productivity	47	83	332	362

*Source:* IPEDS.

*Note:* The University of South Florida’s new Ph.D. program, started in 2009, is not included in the 2004-2007 data (more recent data are not available from IPEDS).

Florida thus lags considerably behind other large states in the country in the production of Ph.D. degrees in security studies, political science, or international studies or related disciplines and only three in the US have the security studies focus. The proposed doctoral program will make a contribution towards closing this gap.

Concerning the potential for collaboration with other universities, the University of Florida in Gainesville is geographically closest to UCF and therefore the most likely institution for potential collaboration in student enrollment. Communication with the University of Florida on possible collaboration indicated that there is currently no interest at UF in regularly having UF students enroll in UCF courses or in opening up UF courses for UCF students (see Appendix I.10).

However, individual students always have the opportunity to pursue courses at other universities through Travelling Scholar arrangements, which would be administered on an individual rather than programmatic basis. UCF’s developing instructional technology, especially the video course model and videoconferencing, would make it possible for students at other universities within the state to attend courses at UCF from a distance.

- D. Use Table 1 (A for undergraduate and B for graduate) to categorize projected student headcount (HC) and Full Time Equivalents (FTE) according to primary sources. Generally undergraduate FTE will be calculated as 40 credit hours per year and graduate FTE will be calculated as 32 credit hours per year. Describe the rationale underlying enrollment projections. If, initially, students within the institution are expected to change majors to enroll in the proposed program, describe the shifts from disciplines that will likely occur.**

### **Enrollment Projections**

Table II.5 details admissions (full-time and part-time), completes, and total headcount by year. We project that the first cohort in AY2013-2014 will comprise five full-time students (this seems a realistic estimate given the trajectories of new Ph.D. programs in Sociology at UCF and in Political Science at USF, which both recruited about five students during their first year). This cohort size will remain constant for Year 4, leading to a total enrollment of 15 full-time students by Years 3 and 4. For Year 4, we also expect to enroll two part-time students for a total headcount of all students of 17 (the three students admitted in Year 1 will have graduated). For Year 5, we plan to enroll six full-time students and an additional two part-time students for a total headcount of 20 (three students admitted in Year 2 will have graduated).

**Table II.5. Admissions and Headcount, Years 1-5**

Year	Admissions			Completes	Headcount
	Full-time	Part-time	Total		
1	5		5		5
2	5		5		10
3	5		5		15
4	5	2	7	5	17
5	6	2	7	5	20

*Note:* Headcount includes funded and non-funded (part-time) students

Table 1-B details student enrollment, source of student enrollment, and FTE by year.

We estimate that during the first years of the program, the majority of students will come from graduates of Florida public institutions, especially the M.A. in Political Science at the University of Central Florida. The UCF Political Science M.A. program has undergone a steady growth over the last five years, from 42 students in Fall 2005 to 65 students in Fall 2009; during the same time period, at least half of all UCF Political Science M.A. students have been enrolled in the International studies track. Currently, about four M.A. graduates a year are admitted to prestigious Ph.D. programs across the country and are fully funded (e.g. FSU, UF, University of Massachusetts – Amherst, UNC Chapel Hill, Michigan State, Emory, Boston University, Connecticut, Western Michigan, Texas A&M). Many of these students focus on international relations. Data also demonstrate that the quality of graduate students admitted to the M.A. program has increased and that our top M.A. students are well qualified to conduct doctoral-level work successfully: During the academic year 2005-2006, admitted students had a mean GPA of 3.2 and a mean GRE of 1057; in fall 2010, admitted students had a mean GPA of 3.56 and a mean GRE of 1130.

Based on our demand assessment, we expect that a large number of these highly qualified students will apply to the Ph.D. program at UCF. To meet our expected enrollment for our first cohort, we anticipate that our applicant pool will be no smaller than 25, and we plan to offer admission to at least 12 students in Year 1 (based on data from other Florida universities, where approximately one-third to one-half of those admitted actually enroll; see Table II.3). The number of applicants and admitted students will likely increase as the program becomes established and we will meet the need for later, larger cohorts. We also anticipate that during the first years of the program, most other students will primarily come from within the state; once the program is more established, we expect to enroll more out-of-state students. This may include students who are currently employed in organizations or agencies focusing on Security Studies and who aim to earn a Ph.D. in this field to enhance their careers.

Within each cohort, full-time students will enroll during each academic semester, including summer semester (waivers and stipends will be offered for three semesters per year). The summer of Year 3 begins the dissertation process, to be completed by the spring of Year 3. A student who maintains this level of enrollment can graduate in three years as demonstrated by the schedule in Section VIII, D.

**TABLE 1-B**  
**PROJECTED HEADCOUNT FROM POTENTIAL SOURCES**  
**(Political Science Ph.D. Degree Program)**

SOURCE OF STUDENTS (Non-duplicated headcount in any given year)*	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Individuals drawn from agencies/ industries in your service area (e.g., older returning students)	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Students who transfer from other graduate programs within the university**	0	0	0	0	0	0	0	0	0	0
Individuals who have recently graduated from preceding degree programs at this university	2	1.19	4	2.75	6	3.88	6	3.88	7	4.25
Individuals who graduated from preceding degree programs at other Florida public institutions	2	1.19	4	2.75	6	3.88	8	4.63	9	5.05
Individuals who graduated from preceding degree programs at non-public Florida institutions	0	0	0	0	0	0	0	0	0	0
Additional in-state residents***	0	0	0	0	0	0	0	0	0	0
Additional out-of-state residents***	1	0.59	2	1.38	3	1.94	3	1.94	4	2.53
Additional foreign residents***	0	0	0	0	0	0	0	0	0	0
Other (Explain)***	0	0	0	0	0	0	0	0	0	0
<b>Totals</b>	<b>5</b>	<b>2.97</b>	<b>10</b>	<b>6.88</b>	<b>15</b>	<b>9.69</b>	<b>17</b>	<b>10.44</b>	<b>20</b>	<b>11.83</b>

**E. Indicate what steps will be taken to achieve a diverse student body in this program, and identify any minority groups that will be favorably or unfavorably impacted. The university's Equal Opportunity Officer should read this section and then sign and date in the area below.**

The Department of Political Science has a sound track record in recruiting a diverse student population in both its undergraduate and M.A. degree programs in political science. We will continue to make every effort to seek minority students and women for the proposed program.

We expect that during the first 3-5 years, a significant percentage of students for the proposed program will be recruited from M.A. students in political science, the majority of whom in turn are recruited from UCF undergraduate students majoring in political science. Contact with these students occurs throughout their undergraduate and graduate courses and in informal interaction with departmental faculty. As indicated above, many of our current M.A. students are keenly interested in pursuing this proposed program.

To insure that qualified undergraduates at UCF have the opportunity to obtain graduate training at the master's and doctoral level, we will continue to send information to all our majors. We will use an e-mail list to do so. We will also disseminate information about the graduate program in upper-level courses in political science. We will post information about the program on the departmental website and have the information available at UCF workshops and other events in which graduate education is discussed, such as the annual Graduate Fair. Furthermore, we will distribute information about the program with other offices on campus that target minority students, such as RAMP/McNair. We will also establish contact with UCF student organizations that are categorized as "cultural, ethnic, international" in the listing of student organizations at [http://rso.asf.ucf.edu/aspnet/\(S\(u43thcnzzu2zjuuf3cefvt45\)\)/registered\\_org\\_search.aspx](http://rso.asf.ucf.edu/aspnet/(S(u43thcnzzu2zjuuf3cefvt45))/registered_org_search.aspx), including the African American Student Union, the African Students Organization, the Hispanic American Student Association, and others.

We will also contact other universities in Florida and throughout the United States and send them information about the Ph.D. program. This will contribute to building a more geographically diverse student population. We will also explore opportunities to announce the new program through the American Political Science Association, which reaches a nationwide audience.

Another target group consists of students who are earning a master's degree at military educational institutions, such as the Naval Postgraduate School and the National Defense University. Several members of the advisory board for the proposed program work at, or have close contacts with these institutions.

Our marketing strategy also includes advertising the new program in professional journals, sending announcements to organized sections of the American Political Science Association, and taking informational material to conferences such as the annual APSA meeting, the annual APSA Teaching and Learning Conference, the Midwest Political Science Association meeting, and the Southern Political Science Association meeting. We will also send information to political science departments in HBCUs, such as Jackson State University, where we already have faculty contacts. Furthermore, we will target African-American students within the state of Florida by establishing contacts with Florida's historically black colleges and universities, such as Bethune-Cookman College and Florida A&M University. Furthermore, we will explore advertising opportunities for the program with the National Women's Studies Association and its regional chapters, and the National Conference of Black Political Scientists. These advertising strategies insure that information about the program is distributed to a large and diverse audience.

The proposed program specializes in Security Studies, which makes it unique among Ph.D. programs in Florida; nationally, there are only a few universities that offer this educational opportunity. We expect that the program will therefore attract a diverse student population, including women and minorities. Our marketing strategies aim at encouraging qualified students from diverse demographic backgrounds to seek admission.

  
Equal Opportunity Officer

3/9/11  
Date

### III. Budget

- A. Use Table 2 to display projected costs and associated funding sources for Year 1 and Year 5 of program operation. Use Table 3 to show how existing Education & General funds will be shifted to support the new program in Year 1. In narrative form, summarize the contents of both tables, identifying the source of both current and new resources to be devoted to the proposed program. (Data for Year 1 and Year 5 reflect snapshots in time rather than cumulative costs.)**

Table 2 displays the projected costs and associated funding sources for Year 1 and Year 5. The total cost for the proposed program for Year 1 will amount to \$329,265 and to \$552,083 for Year 5 (see Appendix II.1 for projected costs for Years 2, 3, and 4). Cost items consist primarily of faculty salaries and student support through assistantships and tuition.

The current budget can fully support the proposed program through Year 5 (see budget details for Year 1-5 in Appendix II.2). The budget details reveal that a large proportion of the cost of the proposed program will be covered by new undergraduate growth money within the College of Sciences and the Department of Political Science (see letter of commitment by College of Sciences Dean Panousis in Appendix II.3). This growth, in the form of additional undergraduate SCHs, is currently strong and expected to continue for the foreseeable future. In addition, the College of Sciences is committed to providing the department a special program initiative allocation, which will be collected from the college's overall revenues generated from undergraduate SCH growth and additional, internal funding sources. To ensure quality faculty involvement in this program, an agreement with the College of Graduate Studies (see Appendix II.4) states that this program will hire two junior and one senior faculty for the program with expertise in security studies prior to the start of the program. Exceeding this commitment, we have the support of the College of Sciences to hire two new lines as a full and associate professor, and fill one replacement line with an assistant professor. The College of Sciences is also committed to provide funds to subsidize the GTA positions (see section X, Table X.3). These funds are committed in the event that the department itself is not able to generate the necessary SCH growth revenues to pay for these expenses, including Faculty/Staff/GTA hires and incidentals identified in the "College of Sciences Recurring and Non-Recurring New Costs" worksheet (see Table III.1). The College's support will be up to but not exceed the annual tuition/stipend commitments (see section X, Table X.3 "Total Student Support, COS Support, Department Student Support") and will be up to but not exceed the total recurring and non-recurring new program costs (\$585,975) by the end of Year 5.

**TABLE 2**  
**PROJECTED COSTS AND FUNDING SOURCES**

Instruction & Research Costs (non-cumulative)	Year 1						Year 5				
	Funding Source					Subtotal E&G and C&G	Funding Source				Subtotal E&G and C&G
	Reallocated Base * (E&G)	Enrollment Growth (E&G)	Other New Recurring (E&G)	New Non-Recurring (E&G)	Contracts & Grants (C&G)		Continuing Base** (E&G)	New Enrollment Growth (E&G)	Other*** (E&G)	Contracts & Grants (C&G)	
Faculty Salaries and Benefits	\$109,893	\$19,627	\$0	\$0	\$0	\$129,520	\$115,254	\$40,128	\$0	\$0	\$155,382
A&P Salaries and Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
USPS Salaries and Benefits	\$0	\$36,096	\$0	\$0	\$0	\$36,096	\$0	\$36,096	\$0	\$0	\$36,096
Other Personnel Services	\$15,218	\$0	\$0	\$0	\$0	\$15,218	\$0	\$0	\$0	\$0	\$0
Assistantships and Fellowships	\$24,000	\$61,000	\$0	\$0	\$0	\$85,000	\$24,000	\$315,002	\$0	\$0	\$339,002
Library	\$0	\$51,431	\$0	\$0	\$0	\$51,431	\$0	\$16,603	\$0	\$0	\$16,603
Expenses	\$0	\$12,000	\$0	\$0	\$0	\$12,000	\$0	\$5,000	\$0	\$0	\$5,000
Operating Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Special Categories	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs</b>	<b>\$149,111</b>	<b>\$180,154</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$329,265</b>	<b>\$139,254</b>	<b>\$412,829</b>	<b>\$0</b>	<b>\$0</b>	<b>\$552,083</b>

\*Identify reallocation sources in Table 3.

\*\*Includes recurring E&G funded costs ("reallocated base", "enrollment growth", and "other new recurring") from Years 1-4 that continue into Year 5.

\*\*\*Identify if non-recurring.

**Faculty and Staff Summary**

Total Positions (person-years)	Year 1	Year 5
Faculty	0.98	1.19
A&P	0	0
USPS	1	1

**Calculated Cost per Student FTE**

	Year 1	Year 5
Total E&G Funding	\$329,265	\$552,083
Annual Student FTE	2.97	11.83
E&G Cost per FTE	\$110,910	\$46,662

In addition to department and college funding, the Graduate College will also provide support to the program in the form of two additional tuition waivers each year, while the department will transfer three tuition waivers currently provided to the master's program to the doctoral program, for a total of five tuition waivers. These university tuition waivers will offset tuition in an amount between \$29,560 and \$41,055 each year (amount varies based on student enrollment year, see Table X.4).

**Faculty Salaries and Benefits:**

Faculty for the Ph.D. program include 11 current faculty members who will take primary responsibility for student instruction and supervision and an additional three hires, one of which will be an assistant professor position as a replacement on an already existing line; the other two positions will be new and at the senior level, one associate professor and one full professor (See Table 4 in Section IX for details and FTE assignment per faculty member involved). For Year 1, the expected cost of faculty salary and benefits amounts to \$129,520, which will be funded by a reallocation of the department's E&G base budget (\$109,893) and new undergraduate enrollment growth for the College of Sciences and the department (\$19,627). For Year 5, faculty salaries and benefits will amount to a total of \$155,382, which will be funded through the continuing E&G base allocation for the Department of Political Science (\$115,254) and new enrollment growth (\$40,128).

**USPS Salaries and Benefits:**

The program proposal includes the position of a Graduate Program Assistant, who will be classified as an Admissions Specialist. This is a new position to be hired in Year 1 and budgeted at \$36,096 per year as a recurring cost item. The position will be funded by the college's special program initiative.

**Other Personnel Services:**

Other personnel services are listed for Years 1 and 3 in the amount of \$15,218. These funds will be used for Professor Stephen Sloan, an internationally known expert on terrorism, who will serve as a resource consultant for the program (Dr. Sloan is currently the Lawrence J. Chastang Distinguished Professor of Terrorism Studies in the Office of Global Perspectives and a member of the Department of Political Science) and will also teach a course in Year 3. These expenses will be covered by reallocation of existing base E&G funds.



**Table III.1 College of Sciences Recurring and Non-Recurring New Costs**

<b>Year</b>	<b>Faculty-Staff-GTA Hires</b>	<b>Salary</b>	<b>Benefits</b>	<b>Total</b>	<b>Total Costs by Year</b>
<b>Pre-startup-Year 1 [2010-2013]</b>	3 new hires (Assistant, Assoc, Full Professor)	\$263,000	\$81,084	\$344,084	\$688,168
	GTA Stipend-Tuition Support [chart]	\$40,000		\$40,000	
	Staff-Admissions Specialist	\$28,250	\$9,639	\$37,889	
	<i>Non-Recurring Library</i>			\$5,000	
<b>Year 2 [2014-2015]</b>	GTA Stipend-Tuition Support [chart] <i>Non-Recurring Library</i>	\$111,202		\$111,202 \$5,000	\$498,175
<b>Year 3 [2015-2016]</b>	GTA Stipend-Tuition Support [chart] <i>Non-Recurring Library</i>	\$192,257		\$192,257 \$5,000	\$579,230
<b>Year 4 [2016-2017]</b>	GTA Stipend-Tuition Support [chart]	\$190,615		\$190,615	\$572,588
<b>Year 5 [2017-2018]</b>	GTA Stipend-Tuition Support [chart]	\$204,002		\$204,002	\$585,975

***Assumptions Made***

- 1. Full Professor and Associate Professor Salary based on 2009-2010 AAUP Salary Data from Doctoral South-Atlantic Institutions**
- 2. GTA Tuition Costs set at 328.44. Hours vary by year.**
- 3. GTA Stipend based on \$17,000 per academic year**
- 4. Timing of when Faculty #'s 2-3 and Staff Would begin is best guess**
- 5. Used USPS Admission Specialist - Class Code 176 to calculate salary [between Program Assistant & Office Manager]**

**Assistantships and Fellowships:**

In Year 1, the cost for student assistantships and tuition will amount to \$85,000 for the first cohort of five full-time students. This includes assistantships at the rate of \$17,000 per student. Assistantships will be funded by a reallocation of existing E&G funds (\$24,000 per year) and new enrollment growth dollars. Tuition for the first cohort will be covered by university tuition waivers; for a detailed description of student support, see Section X.H.

In Year 5, the total cost of student support will amount to \$339,002. This will cover assistantships for 16 funded, full-time students as well as tuition for 11 students not covered by university tuition waivers (five students will receive university tuition waivers; four part-time students will not be funded).

**Library:**

The library review (see Section X.B) recommends that additional resources are being acquired in the total amount of \$116,823 for Years 1-5. The cost will be highest in Year 1 when new databases essential to the program will be acquired. Costs include non-recurring (primarily books) and recurring (primarily subscriptions to databases) expenses. The library expenses will be covered by COS and departmental new enrollment growth.

**Expenses:**

Expenses for Year 1 include several miscellaneous items, such as materials for recruitment and recruitment activities, and additional travel associated with the new program. By Year 5, as the program becomes more established, expenses will have been cut down to \$5,000, which will cover travel costs for five students per year to a professional conference. Funds for expenses will be covered by COS and departmental new enrollment growth.

Table 3 displays how existing E&G funds will be shifted to support the new program in Year 1. In total, \$149,111 out of the existing base allocation of \$2,334,021 will be used to support the new program. These reallocated funds include \$109,893 for faculty salaries and benefits, \$15,218 for Other Personnel Services, and \$24,000 for Ph.D. student stipends that will be reallocated from the department’s M.A. program. The base after reallocation will amount to \$2,184,910 for Year 1.

**TABLE 3  
ANTICIPATED REALLOCATION OF EDUCATION AND GENERAL FUNDS**

Program and/or E&G account from which current funds will be reallocated during Year 1	Base before reallocation	Amount to be reallocated	Base after reallocation
2411 2074 Department of Political Science	\$2,334,021	\$149,111	\$2,184,910
<b>Totals</b>	\$2,334,021	\$149,111	\$2,184,910

While the College of Sciences and the Department of Political Science have committed a sufficient portion of funding to support the proposed program through Year 5, the program will also provide savings and additional funding sources will be generated that can be used to supplement or substitute for expected growth money as the program progresses. This includes the following:

- The Lou Frey Institute, housed in the Department of Political Science, has committed to provide some level of funding for Ph.D. students; however, at this time, the exact amount cannot be specified. Furthermore, Dr. Doug Dobson, the Director of the Lou Frey Institute, has committed to include funding for Ph.D. students in future grant applications (see letter of commitment in Appendix II.5).
- Students, beginning in their second year in the program, will have the opportunity to offer courses as instructors of record. While students might teach a specialized, upper-level course as they near degree completion, they will also teach large undergraduate sections that are currently covered by adjunct faculty. This will help save the department adjunct cost of \$3,000 per course offered, while specialized upper-level courses may produce additional growth dollars.
- The department has begun to offer large undergraduate sections online, which are available to students at regional campuses. Currently, the department receives money from the regional campuses to pay graduate stipends to assist with the courses. Currently, RCA provides \$2,000 for online courses capped at 75 students, and an additional \$500 if the enrollment cap is set for an additional 25 students (i.e. \$2,500 for an enrollment cap of 100, \$3,000 for an enrollment cap of 125, etc.). Thus, the department's online section of the GEP course POS 2041 American National Government, capped at 500 students, is supported by RCA by \$10,500. All of these monies are designated to be used for GTA stipends. While the amount of money the department receives for this purpose cannot be accurately predicted for future years, funding from regional campuses for large online sections is likely to continue and will be used to support GTA assistantships for students in the program, thus reducing the need to rely on undergraduate enrollment growth money from the College of Sciences and the Department of Political Science.
- Currently, C&G funding is not identified as a funding source for the program. While the department has been grant active (see Section IX.D for details), these grants do not generally include assistantship funding. However, it is expected that the new senior hires for the proposed program, and especially the new hire of a Professor, will be able to attract grant funding that will include student support. We are currently identifying potential grant agencies, such as that by our partnership organization Siemens, which has established a \$100 million fund for its "Integrity Initiative" to fight corruption and further economic security.
- Given the applied nature of the program with a focus on Security Studies, it is likely that some students will enter the program with external funding, e.g. students who work in the field of Security Studies and will pursue their Ph.D. funded by their employers. While the

proposal provides secure funding for all admitted full-time students, if externally funded students are admitted, the resulting savings would further help in assisting the program financially.

- Successful applicants for the Ph.D. program will be assisted in applying for external funding opportunities and will be proposed for UCF scholarships as detailed in Section X.H.

The department will continue to take advantage of these, and other, possibilities to attract additional funding for the program and to use savings resulting from the program to fund budget items. This will reduce the program's dependence on growth money.

Overall, as stated in the letters by College of Sciences Dean Panousis and Department of Political Science Chair, Dr. Handberg (see Appendix II.3 and II.6, respectively), the commitment by the College of Sciences and the commitment and reallocations by the Department of Political Science provide a budget for the program that is realistic and will allow the proposed program to succeed. Appendix II.7 provides a budget summary analysis that shows a decreasing cost/FTE and relatively stable program costs as of Year 3. Other sources of potential additional funding or savings will be pursued as available, will be used to support the program, and when acquired will offset college and departmental costs.

- B. If other programs will be impacted by a reallocation of resources for the proposed program, identify the program and provide a justification for reallocating resources. Specifically address the potential negative impacts that implementation of the proposed program will have on related undergraduate programs (i.e., shift in faculty effort, reallocation of instructional resources, reduced enrollment rates, greater use of adjunct faculty and teaching assistants). Explain what steps will be taken to mitigate any such impacts. Also, discuss the potential positive impacts that the proposed program might have on related undergraduate programs (i.e., increased undergraduate research opportunities, improved quality of instruction associated with cutting-edge research, improved labs and library resources).**

The biggest impact of the proposed Ph.D. program in Political Science will be on the department's B.A. program and on the department's M.A. programs.

Faculty effort will shift from the B.A. program to the Ph.D. program (see budget for details). We do not anticipate these shifts to have a negative impact on enrollment rates, however, because the shifts in faculty effort will be offset by the hiring of two new faculty members (in addition to one new hire on a replacement line). The program will offer 12 courses per year. The new hire at the rank of Professor is expected to teach three courses per year; the Associate Professor four courses; and the Assistant Professor five courses per year, for a total of 12 courses per year. This will cover the increased teaching load necessitated by the new program. While these new hires will be recruited with the primary aim of supporting the Ph.D. program, they will also teach undergraduate courses as the teaching effort collectively shifts among the faculty within the program.

Moreover, the addition of three new faculty members (two senior positions) with outstanding research records, and a heightened emphasis on research among the existing faculty members, will improve the quality of instruction at the undergraduate level as courses will be infused with knowledge of cutting-edge research.

Furthermore, we anticipate that Ph.D. students, starting in their second year, will have the opportunity each year to teach at least two courses at the undergraduate level as instructors of record. This will help meet the expected undergraduate course demand in a growing program, will increase the number and range of course offerings available to undergraduate students, and will further compensate for a shift in effort of existing faculty members from the undergraduate to the graduate level. While GTAs will be able to teach upper-level courses in their area of expertise in their last semester, most of their assigned courses as instructors of record will be lower-level courses. Currently, many of those introductory sections are covered by adjunct faculty. Consequently, having highly trained Ph.D. students cover some of these sections will reduce the need for adjunct faculty. We expect that starting in Year 3 (when the first two cohorts will be teaching), eight undergraduate sections currently taught by adjuncts would be covered by GTAs as instructors of record. Compensation for adjuncts is currently at \$3,000 per section; thus, we expect the GTAs as instructors of record to save \$24,000 per year. Overall, we expect that these additional undergraduate offerings will reduce the necessary budget reallocations by about .8 FTE, or approximately \$110,000.

While Ph.D. students may teach as instructors of record starting in their second year, during their first year, all Ph.D. students will serve as Graduate Teaching Assistants. This will increase the total number of GTAs available to assist professors with instruction, providing needed support to existing faculty and valuable exposure and mentoring opportunities to the Ph.D. students. Undergraduate students will benefit from the GTAs, who will be available to assist with assignments, office hours, and assistance in the departmental computer lab and with online instructional technology.

Undergraduate students will also benefit from the added emphasis on cutting-edge research that the Ph.D. will incentivize. This additional emphasis on research will present new research opportunities for undergraduate students, for example through the UCF Research and Mentoring (RAMP) and McNair programs, Honors in the Major theses, Student Mentor Academic Research Teams (SMART), or independent research courses. The department's undergraduate population will also benefit from the additional library resources that are part of this proposal for a Ph.D. program (see Section X.B.).

The proposed Ph.D. program will necessitate that the department revise the existing M.A. program and carefully streamline the requirements and course offerings to synchronize them in preparation for the requirements of the Ph.D. program. This might, for example, impact the type of electives that are offered for the M.A. program and the number of tracks the department will continue to offer. In addition, the focus of student support will shift from the M.A. program to the Ph.D. Three of six M.A. tuition waivers and stipends will be allocated to students in the Ph.D. program. This means that the department's commitment to the master's program will continue, but the emphasis of financial support will lie with the Ph.D. program. Given the current

number of M.A. students who provide their own funding, we do not expect that M.A. student enrollment will be negatively affected.

We anticipate that the quality of the M.A. seminars will improve as Ph.D. students will be able to take graduate courses open to M.A. students for their elective courses. M.A. students will thus be familiarized with Ph.D. level work and expectations, which will raise the overall quality of our M.A. program and better prepare M.A. students planning on pursuing a doctoral degree. Students enrolled in the M.A. program will benefit by being able to attend several activities related to the Ph.D. program, such as dissertation defenses, and M.A. students planning on applying for a Ph.D. upon completion of their degree will be strongly advised by their faculty advisor to take advantage of such opportunities so they will be familiar with the expectations for Ph.D. level work and well prepared to undertake advanced graduate work. M.A. students will also benefit from the additional library resources made available through the proposed Ph.D. program.

**C. Describe other potential impacts on related programs or departments (e.g., increased need for general education or common prerequisite courses, or increased need for required or elective courses outside of the proposed major).**

Students in the proposed program will have the option of enrolling in up to six credit hours in courses offered by other departments. These courses (listed in section VIII) already exist and are already offered by the respective departments. We have contacted the department chairs to secure permission for our students to enroll in those courses. Permission has been granted by the chairs of the Criminal Justice Department, the History Department, and the Public Administration Department; these communications are located in Appendices I.11-13. No new resources would be needed as these courses already exist and the departments offering these courses will retain complete scheduling freedom.

**D. Describe what steps have been taken to obtain information regarding resources (financial and in-kind) available outside the institution (businesses, industrial organizations, governmental entities, etc.). Describe the external resources that appear to be available to support the proposed program.**

The Department has already begun the search for funding among federal agencies including the Central Intelligence Agency, which has designated UCF as one of the institutions on which to focus its recruitment efforts. This opens up the possibility that students can be funded through the CIA's summer internship program, which carries over into the academic year and offers financial support. Furthermore, the Department of Political Science houses the Lou Frey Institute, which operates a joint center in partnership with the Bob Graham Center at the University of Florida. Preliminary conversations are under way to expand that partnership from its present focus on civic engagement to incorporate an initiative into the area of international security that would provide support for both faculty and students working in the program proposed here. In addition, through UCF's Office of Global Perspectives, the Department is engaged in developing several regional study programs and an interdisciplinary program in Peace and Security Studies Program. Several of those programs have received outside donor funding and include the Kurdish Political

Studies Program and the India Program. The Kurdish Political Studies Program has established a chaired professorship in Kurdish Political Studies, which supports the Middle East aspect of the proposed Ph.D. program, while the India Program is funding various activities and is proposed to expand to include a chaired professorship in India/South Asia Political Studies, which would greatly strengthen the area studies aspect of the proposed Ph.D. program. The first one of these chaired professorships is funded and is awaiting the match by the State of Florida. In addition, the Department of Political Science and the Office of Global Perspectives are engaged in establishing and funding the China-Taiwan Cross-Strait Program. All of these programs provide support for bringing in outside scholars and scholarships. We have also begun to identify outside granting agencies to pursue grants that could support doctoral students as part of the grant, such as the Siemens Integrity Initiative on fighting corruption and enhancing economic security in collaboration with the World Bank, a \$100 million program administered over 15 years.

In addition to these potential funding opportunities, current and new faculty members as well as Ph.D. students will be encouraged to apply for grants to support their research. Federal funding agencies and private foundations that offer funding for research in security studies include the National Science Foundation, the United States Institute of Peace (which has a special program for Ph.D. students, the Jennings Randolph Peace Scholarship Dissertation Program), the Ford Foundation, the Social Science Research Council, the Rockefeller Foundation, the National Endowment for the Humanities, and the Pew Charitable Trust. Students who need to spend time abroad to complete their studies are encouraged to apply for a Fulbright scholarship.

#### **IV. Projected Benefit of the Program to the University, Local Community, and State**

**Use information from Table 1, Table 2, and the supporting narrative for “Need and Demand” to prepare a concise statement that describes the projected benefit to the university, local community, and the state if the program is implemented. The projected benefits can be both quantitative and qualitative in nature, but there needs to be a clear distinction made between the two in the narrative.**

The benefits of the proposed degree program for the university, the local community, the state, and the country as a whole will be substantial and significant. The program will benefit the university as it will add to UCF’s prominence in research and education. Two additional senior faculty members (one at the rank of Professor, one at the rank of Associate Professor) will be hired prior to the start of this program in addition to the assistant professor who was hired this year. These faculty members are likely to bring additional funding to the university; once the program is established, we also expect that grant activity in the department will increase. Students in the existing undergraduate and M.A. programs will benefit from additional library resources; undergraduate students will benefit from improved instruction as additional GTAs will be available to assist instructors and advanced Ph.D. students will be able to offer additional courses as instructors of record. As the program will be one of only a few of its kind in the country, UCF will gain national prominence in this field.

The proposed program will make a substantial contribution to further the security interests of the state and the nation. The local and regional community and the state will benefit because the

program will produce highly qualified graduates who will be able to make a major contribution to the workforce, including for local and regional industries that have a security need for their international operations and projects. Nationally, few graduates will have similar qualifications as those of the proposed program, and we expect our graduates to make a major contribution as highly educated members of the workforce possessing a specific skill set and knowledge based needed of professionals in the field within the state and nationally. These highly developed skills and knowledge include data analysis, data mining, and a broad comprehension of issues specific to the security of the state of Florida and the nation. Florida houses defense industries, the Kennedy Space Center, a long coastline, and major ports, all of which are sensitive to security issues. Security is also an issue of utmost significance at the national level, and the industry related to security is large. Florida currently employs over 723,000 individuals in the security area; an additional \$8 billion are expected to be added to the state's defense and security sector in the next two years, creating additional jobs in this field. The need for cleared personnel exists and will continue with relevant necessary backgrounds in international affairs, intelligence, and languages – skills that the proposed Ph.D. program will provide.

In sum, Florida's multiple military installations produce an ongoing demand for persons with advanced security studies training. The state offers many employment opportunities for graduates holding a Ph.D. in Security Studies who will thereby also make a contribution to Florida's economy as they take on high-paying employment.

To illustrate, several private security companies focusing on homeland security are housed in Florida and are expressing a need for individuals with security studies backgrounds. For example, Centauri Solutions (a member of the Inc. 500 list) is hiring Senior All Source Analysts and Senior Intelligence Analysts in Tampa. Several private companies are currently recruiting to fill positions at Eglin Air Force Base in northwest Valparaiso, Florida. These jobs pay between \$50,000 and \$62,000 per year. The military community currently lists 324 job openings in Florida on military bases that include the term "security specialist" in the position description with starting salaries in the \$65,000-\$80,000 range. Our graduates would thus make a valuable contribution to Florida's economy.

## **V. Access and Articulation – Bachelor's Degrees Only**

- A. If the total number of credit hours to earn a degree exceeds 120, provide a justification for an exception to the policy of a 120 maximum and submit a request to the BOG for an exception along with notification of the program's approval. (See criteria in BOG Regulation 6C-8.014)**

N/A

- B. List program prerequisites and provide assurance that they are the same as the approved common prerequisites for other such degree programs within the SUS (see the [Common Prerequisite Manual](#) at FACTS.org). The courses in the Common Prerequisite Counseling Manual are intended to be those that are required of both native and transfer students**



prior to entrance to the major program, not simply lower-level courses that are required prior to graduation. The common prerequisites and substitute courses are mandatory for all institution programs listed, and must be approved by the Articulation Coordinating Committee (ACC). This requirement includes those programs designated as “limited access.”

If the proposed prerequisites they are not listed in the Manual, provide a rationale for a request for exception to the policy of common prerequisites. NOTE: Typically, all lower-division courses required for admission into the major will be considered prerequisites. The curriculum can require lower-division courses that are not prerequisites for admission into the major, as long as those courses are built into the curriculum for the upper-level 60 credit hours. If there are already common prerequisites for other degree programs with the same proposed CIP, every effort must be made to utilize the previously approved prerequisites instead of recommending an additional “track” of prerequisites for that CIP. Additional tracks may not be approved by the ACC, thereby holding up the full approval of the degree program. Programs will not be entered into the State University System Inventory until any exceptions to the approved common prerequisites are approved by the ACC.

N/A

- C. If the university intends to seek formal Limited Access status for the proposed program, provide a rationale that includes an analysis of diversity issues with respect to such a designation. Explain how the university will ensure that community college transfer students are not disadvantaged by the Limited Access status. NOTE: The policy and criteria for Limited Access are identified in BOG Regulation 6C-8.013. Submit the Limited Access Program Request form along with this document.

N/A

- D. If the proposed program is an AS-to-BS capstone, ensure that it adheres to the guidelines approved by the Articulation Coordinating Committee for such programs, as set forth in Rule 6A-10.024 (see [Statewide Articulation Manual](#) at FACTS.org). List the prerequisites, if any, including the specific AS degrees which may transfer into the program.

N/A

## INSTITUTIONAL READINESS

### VI. Related Institutional Mission and Strength

- A. Describe how the goals of the proposed program relate to the institutional mission statement as contained in the SUS Strategic Plan and the University Strategic Plan.

The SUS Strategic Plan contains the following mission statement for the University of Central Florida:

The University of Central Florida is a public multi-campus, metropolitan research university, dedicated to serving its surrounding communities with their diverse and expanding populations, technological corridors, and international partners. The mission of the university is to offer high-quality undergraduate and graduate education, student development, and continuing education; to conduct research and creative activities; and to provide services that enhance the intellectual, cultural, environmental, and economic development of the metropolitan region, address national and international issues in key areas, establish UCF as a major presence, and contribute to the global community.

The University of Central Florida's Strategic Plan contains a slightly modified mission statement:

The University of Central Florida is a public multi-campus, metropolitan research university that stands for opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental and societal needs by providing high-quality, broad-based education and experienced-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.

The proposed program in security studies relates directly to UCF's mission as contained in the SUS Strategic Plan and the university's Strategic Plan. It will expand the educational opportunities for students in the Central Florida city-state and provide continuing, high-quality education. The program will address central security issues for the state of Florida, which is affected by security concerns regarding its long coastline, major port facilities, and central military installations and industries. Florida houses one of the nation's largest defense and homeland security clusters that have an economic impact on the state of \$52 billion. In addition to seven Navy and Marine bases, Florida houses eleven Coast Guard bases and six Air Force bases including MacDill Air Force Base, the headquarters for the wars in Iraq and Afghanistan, as well as Southern Command. Furthermore, Florida's extensive coastline establishes a need for border security. The military and defense communities currently fund more than 723,000 jobs and more positions are likely to open with an additional \$8 billion expected to flow into the state's defense and security sector in the next two years. Florida's private industries have a security need for their international operations. Security issues are thus of central importance for Florida and its economy, and the proposed degree program would centrally feed into the existing security and defense economy in the state. The proposed program would provide highly relevant continuing education for the state of Florida that addresses security issues that present pressing local, state, national, and international issues in support of the global community.

The program's focus on international security will directly address the security needs of the region and the state, but it will also help establish international partnerships. The program will enhance the university's pioneering scholarship and research profile as research conducted by

faculty members and graduate students constitutes an integral part of the Ph.D. program. The program will enhance the intellectual and economic development of the metropolitan area by creating the opportunities for lectures open to the UCF population and the public and by contributing to a highly educated workforce that is qualified to take on leadership positions in diverse areas. Furthermore, the program has as its core national and international issues in the key areas of national and international security. As there are just a few programs nationally and no program exists within the state of Florida with this focus, it will establish UCF as a major presence and make a solid and valuable contribution to the global community. The proposed program is thus central to the mission of the University of Central Florida.

**B. Describe how the proposed program specifically relates to existing institutional strengths, such as programs of emphasis, other academic programs, and/or institutes and centers.**

The proposed program specifically relates to existing institutional strengths. The Department of Political Science offers a B.A. degree in International and Global Studies that has exhibited strong growth since its inception; similarly, the Comparative Politics/International Relations track within the Political Science B.A. attracts a large number of students.

The Department of Political Science also has a strong and successful M.A. program that has exhibited steady growth over the last five years. There is a consistent pattern that over half of the M.A. students are enrolled in the International Studies track (53 percent in 2005, 52 percent in 2006, 56 percent in 2008, and 50 percent in 2009). The Ph.D. program is designed to build on these existing institutional strengths that provide a strong international focus for the Department of Political Science.

In addition to the growth of both the M.A. and the B.A. programs, the department has been able to provide quality instruction and academic experience. These experiences are illustrated, for example, by a growing number of undergraduate students completing an Honors in the Major thesis and winning scholarships and awards for those theses; at the graduate level, M.A. students have presented their research at professional conferences, have co-authored peer-reviewed articles with professors, and have been accepted at top-ranked Ph.D. programs; at the level of faculty members, several professors have won university-wide and college-wide teaching awards. Thus, the Ph.D. program builds on existing faculty strengths in the area of teaching and individual student supervision.

Outside of the Department of Political Science, the proposed program relates to UCF's institutional strengths particularly through the Office of Global Perspectives. The Office of Global Perspectives regularly hosts speakers and events on international issues, including security issues. The Office's theme for 2010-2011 is "Global Peace and Security," directly relating to the proposed degree. For example, in spring 2010, speakers and events relating to security included, among others, Jeffrey Helsing (United States Institute of Peace), John Schindler (U.S. Naval War College), Ambassador Ulric Haynes, George A. Lopez (Kroc Institute for International Peace Studies, Notre Dame University), Anupam Srivastava (Center for International Trade and Security, University of Georgia), Scott Worden (United States Institute of

Peace), Jeff Smith (American Foreign Policy Council), Isaac Kfir (Institute for Counter-Terrorism, Herzliya, Israel), Ambassador Gary A. Grappo, Paul Hirschson (Deputy Consul-General, Consulate General of Israel, Miami, FL), Ambassador Myles Frechette (Senior Associate, Center for Strategic and International Studies), and Jamie McIntyre (Former CNN Senior Pentagon Correspondent). The Office of Global Perspectives is thus a UCF partner that will provide curriculum enrichment to the proposed program by offering students opportunities to attend events and talks. It also provides numerous opportunities for students in the program to make contacts with leading experts in the field of security studies, both from an academic and non-academic background.

Other existing institutional strengths at UCF include the Lou Frey Institute of Politics and Government, which hosts semi-annual symposia that often relate to the core interests of the proposed degree. For instance, the theme for the fall 2010 symposium was “Florida's Future: The Space Program and Beyond,” directly addressing topics of space security and Florida’s economic development. Previous symposia addressed issues such as immigration, Homeland Security, the United Nations, the Space Program, and the Middle East. The Lou Frey Institute thus affords students in the proposed program opportunities for curricular enhancement, as well as opportunities to establish contacts with academic and non-academic experts in the field.

In addition, the proposed program will have a multi-disciplinary component by offering students the opportunity to enroll in relevant courses (up to 6 credit hours) offered by other departments, including Criminal Justice, History, and Public Administration. The program will thus relate to existing expertise in the area of security outside of the Department of Political Science.

The Department of Political Science is also developing partnerships with the Department of Modern Languages to ensure that languages such as Russian, Chinese, and Arabic are regularly offered for a two-year sequence since those languages are spoken in areas of crucial importance for security studies. These expanded language course offerings would benefit students across the university by providing them with more choices to complete their language graduation requirement especially for programs that require proficiency in a foreign language. For example, the M.A. in Public History requires reading proficiency; the B.A. in International and Global Studies and the M.A. in Political Science – International Studies track require proficiency at the two-year level.

One of UCF’s institutional strength lies in the area of human factors psychology in the Psychology Department. It is expected that newly recruited political science faculty members specializing on decision-making and conflict resolution will seek collaboration and partnerships with the Psychology Department in the area of human factors.

Furthermore, the proposed program will link to the Kurdish Political Studies Program and the India Program, which currently exist within the Office of Global Perspectives at UCF. Both programs are awaiting state matching funds. These programs provide support for bringing in outside scholars and scholarships. These programs will benefit the proposed Ph.D. program by expanding outreach to two core areas for security. They would also benefit the program by making a contribution to the university through the chaired professorships, which would bring nationally and internationally known scholars to UCF and thus add faculty resources. These

programs would also expand the range of guest speakers through the Office of Global Perspectives and potentially offer funding opportunities for Ph.D. students.

In addition, the Public Affairs doctoral program at UCF is very strong in risk assessment and homeland security issues and has received federal funding. Public Affairs has created the Center for Public and Nonprofit Management in 2009 and Dr. Kapucu received \$1 million in funding from the federal Health and Human Services Agency for capacity building, \$0.5 million from the federal Department of Education to research and improve the UCF emergency management plan, and \$ 0.25 million from the National Science Foundation to develop emergency management team building in a metropolitan area. It is expected that the political science faculty will work closely with the Public Affairs faculty on these joint interests.

**C. Provide a narrative of the planning process leading up to submission of this proposal. Include a chronology (table) of activities, listing both university personnel directly involved and external individuals who participated in planning. Provide a timetable of events necessary for the implementation of the proposed program.**

This proposal for a Ph.D. program in Security Studies has evolved from discussions within the Department of Political Science, other UCF departments, UCF administrators, and other SUS institutions over the last 15 years. While the department has long pursued the idea of a Ph.D., its vision for the program has not always matched the priorities of its proposed partners within the university and at other institutions, and has not always been a priority for UCF. This has resulted in a series of conversations and white papers that eventually needed to be revised and redrafted. During this process, the Department of Political Science has continued to grow its existing Master's program, increase the quality of the students admitted to the Master's program, and emphasize research expectations for existing and new faculty members in preparation for a Ph.D. program. The department has also extended its international focus through the addition first of an International Studies track and then a B.A. degree in International and Global Studies. At the M.A. level, the department also added an International Studies track. Faculty recruitment similarly emphasized the international area. A program review conducted in 2003-2004 by an external consultant emphasized the crucial significance for the department to develop a Ph.D. program. To quote from the report, "The real issue for the political science department is how best to develop an appropriate Ph.D. program." The report recommends that "over a 3-to-6 year time frame, the department should work with the Dean, the Provost, and the University to establish a well-conceived Ph.D. program."

The Department has followed this recommendation by conceptualizing a potential doctoral program with a focus on Security Studies as UCF had indicated it would reconsider the plan for a Ph.D. in 2007 and beyond. The white paper for such a program was accepted by the Dean of the College of Sciences and by the Provost in Spring 2010, and the program added to the 3-year Program Plan of the university. Beginning in Spring 2010, a four-member departmental Ph.D. committee, the Department Chair, the Vice Provost and Dean of the College of Graduate Studies, and the Assistant Dean of the College of Sciences, have written the proposal for a Ph.D. in Security Studies.

**Table VI.1. Planning Process**

Date	Participants	Planning Activity
1995-1996	Ph.D. Program Committee, Department, 7 members along with 4 faculty from the UCF Economics Department	Planning for a Ph.D. with emphasis in Political Economy, partnership with the Economics Department, withdrew proposal when Economics moved in direction of Ph.D. in Environmental Economics under its new Dean.
1996-1998	Departmental Ph.D. ad hoc committee, 7 members along with 5 faculty from USF Political Science/Public Administration Department	Planning for Cooperative Ph.D. with University of South Florida, preliminary proposal drawn up with planning meeting held in Lakeland at the Cracker Barrel Restaurant with USF Political Science and Public Administration faculty, proposal lapsed due to USF faculty demands that UCF Political Science adjust its proposal to accommodate other faculty at UCF that were not part of the planning concept.
2002-2003	Departmental Ph.D. Committee, 9 members with assistance from other department members, focus on Public Policy	White paper drawn up, Dean of Arts & Sciences did approve inclusion in CAS 5-year plan, as part of the analysis supporting the proposal analysis of faculty research found department ranked in upper half of all Political Science Ph.D. Departments nationally. Not included in university program plan.
2003-2004	Departmental Ph.D. Committee, 9 members, focus on International Politics and Security Studies	White paper generated, Dean of Sciences supportive although lower priority; it was decided that this request would be reconsidered in 2007 and beyond.
2003-2004	External program reviewer	Report emphasizes the crucial need for the department to develop a Ph.D. program
2008-2009	Departmental Ph.D. committee, 7 members, focus on Ph.D. in Security Studies	White paper accepted by Dean and Provost in Spring 2010. Program added to 3-year Program Plan of university.
May 2010	Departmental Ph.D. committee, 4 members, plus Department Chair	Committee began formulating program proposal. Curriculum section drafted. Library study undertaken.
June 2010	Proposal Committee, Graduate Dean, Department Chair, Assistant Dean of Sciences	Draft of curriculum section complete. Started formulating need and demand sections.
July 2010	Proposal Committee, Graduate Dean, Department Chair, Assistant Dean of Sciences	Completed all sections except for program review and budget.
August 2010	Proposal Committee, Graduate Dean, Department Chair, Assistant Dean of Sciences	Completed all sections of proposal. Invited consultants to talk with us and review the proposal on August 25 and 26.
September 2010	Graduate Committee of Department	Graduate committee of Political Science department recommends approval of proposal.
November 2010	College of Sciences Graduate Committee	College of Sciences Graduate Committee recommends approval of proposal.
December 2010	Graduate Council	University Graduate Council recommends approval of proposal
February 2011	BOT	Board of Trustees recommends approval of proposal for Fall 2012 start date
March 2011	BOG	Considers approval of proposal for Ph.D. program in Security Studies at UCF

## Events Leading to Implementation

Upon approval of the proposal, the department will engage in activities leading to the implementation of the program. During AY 2011-2012, the activities will focus on developing and disseminating recruitment materials, admitting students, and reviewing the existing M.A. program to ensure coherence with the Ph.D. program. Beginning in fall 2013, the first cohort of admitted Ph.D. students will begin taking courses. The first class of Ph.D. students will complete their degree and graduate in spring 2016.

**Table VI.2. Implementation Activities**

Date	Implementation Activity
Summer 2011- Summer 2012	Development of webpage, flyers, and other promotional materials; sending out information about the program to relevant institutions and organizations; recruit students. New assistant professor with expertise in security studies is hired and arrives in Fall 2011. Focus on obtaining external funds to support the program.
Fall 2011-Spring 2013	Revise existing M.A. program to ensure coherence with Ph.D. program; actively recruit students; prepare Ph.D. Handbook; hire admissions specialist for Ph.D. program. Hire second senior faculty member with expertise in security studies for Fall 2012. Focus on obtaining external funds to support the program.
Spring 2013	Evaluate applications; admit first cohort of students
Summer 2013	Complete contract work for admitted students; make decisions on GTA assignments; assign faculty advisors to students; conduct orientation for admitted students at the end of summer.
Fall 2013	First cohort begins course work; recruit students for second cohort
Spring 2014	Admit second cohort of students; conduct Qualifying Exams and first annual review for first cohort of students.
Summer 2014	Recruit third cohort of students; conduct orientation for new students; assign faculty advisors to new students; make decisions on GTA assignments.
Fall 2014	Second cohort of students begins course work; recruit students
Spring 2015	Admit third cohort of students; conduct Qualifying Exams for second cohort; conduct annual review.
Summer 2015	Recruit fourth cohort of students; conduct orientation for new students; assign faculty advisors to new students; make decisions on GTA assignments.
Fall 2015	Third cohort of students begins course work; recruit students. First cohort will enter candidacy in the 2015-2016 academic year.
Spring 2016	Admit fourth cohort of students; conduct Qualifying Exams for third cohort; conduct annual review; first cohort defends dissertation and graduates with a Ph.D. degree; 2nd cohort has completed candidacy.

## VII. Program Quality Indicators - Reviews and Accreditation

**Identify program reviews, accreditation visits, or internal reviews for any university degree programs related to the proposed program, especially any within the same academic unit. List all recommendations and summarize the institution's progress in implementing the recommendations.**

The Department of Political Science conducted a comprehensive review of its programs in 2003-2004. The external reviewer provided a positive evaluation of the department's undergraduate and graduate programs and supplied a list of recommendations to strengthen these programs further (see Appendix I.9 for report). The program review also included a review and recommendations by the Dean of the College of Arts and Sciences. The following is a list of the recommendations of the external consultant and the Dean and of the efforts undertaken in implementing these recommendations with respect to the graduate program.

*Consultant's recommendations for the Political Science Master's Program:*

- Over a 3-6 year time frame, establish a well-conceived Ph.D. program. *Implementation:* preparation of white paper and, upon approval, proposal for a Ph.D. in Security Studies.
- Growth of M.A. program. *Implementation:* The program has grown from 32 students in Fall 2002 to 65 in Fall 2009, an increase exceeding 100 percent.

*Consultant's recommendations for the Political Science Department:*

- Department needs to seriously address the idea of putting together a proposal for a doctoral program. This program should be "something beyond a 'niche' and something less than a comprehensive program." *Implementation:* current proposal emphasizing Security Studies.
- Stronger leadership and greater commitment to the doctoral program within the department. Suggestion to choose an international focus. *Implementation:* Leadership provided by Ph.D. proposal committee. Commitment to the doctoral program demonstrated by recent hire in the area of Security Studies. The area of Security Studies clearly provides an international focus.
- Strengthen leadership and improve quality of the program by hiring one or two senior faculty. *Implementation:* Ph.D. proposal includes request for two senior hires.
- Hire additional staff person. *Implementation:* Admissions specialist is part of the Ph.D. proposal.
- Improve the quality of research outlets and target major national journals. *Implementation:* Several faculty members have published their work in major national journals in their field.
- Seek grants of all types. *Implementation:* Several faculty members have successfully applied for grants from different funding agencies (see Section IX.D.).

*Dean's recommendations for M.A. program:*

- Increase enrollment and reallocate resources. *Implementation:* Program growth from 32 students in Fall 2002 to 65 in Fall 2009; reallocated resources to offer additional courses at the graduate level and to provide additional GTA support.
- Seek additional GTAs to help handle growth of introductory courses. *Implementation:* Additional GTA support to provide assistance to faculty members and for large introductory courses; growth of POS 2041 through an online section capped at 500 students (regular class size for the face-to-face section is 90).
- Develop focus area in line with Ph.D. emphasis. *Implementation:* Strengthening of International Studies track at M.A. level, which now attracts about half of all Political Science M.A. students; addition of International and Global Studies B.A. at the undergraduate level.



- Upgrade department computer lab. *Implementation:* With the move to Phillips Hall in 2007, the department upgraded its computer lab in PHP 310, shared with the Sociology Department. Hardware and software are regularly updated.
- Develop a classroom suitable for graduate seminars. *Implementation:* In conjunction with the College of Science's Technology Office, the department will prepare a UCF Technology grant to convert its file storage room into a multi-media seminar room.

### **Annual Assessment Plan**

Once in place, the program quality will be monitored through an annual assessment process. The results will be discussed and used to continually ensure and improve the quality of the program. The following is the assessment plan for the proposed program:

#### *Mission:*

The doctoral program in security studies provides rigorous training, which includes, but is not limited to, national security, international affairs, world politics, and transnational problems. Students graduating from the program will acquire expertise in the area of Security Studies and advanced research methods for professional careers in government, non-profit, and academic settings.

#### *Assessment Process:*

Data are collected from all graduate faculty and students where appropriate and assembled by the graduate program director. Time frames are specifically identified in each of the outcome measures. Once the data are assembled the department's Ph.D. Committee – and where appropriate the full department – will discuss the results and their implications and the plan for the next year is updated as needed.

#### Outcome 1:

Students in the Security Studies doctoral program will acquire specialized knowledge in both advanced research methods and Security Studies.

##### Measure 1.1:

90 percent of students taking Part 1 of the Written Candidacy Exam will achieve an overall "4" or higher on a rubric 1-5 (with 1 being the lowest and 5 being the highest) in advanced research methods skills. These will be collected annually by the Graduate Program Director, who will evaluate and report scores. This information will be conveyed to the Ph.D. Committee for discussion about any needed changes in the required methods courses.

##### Measure 1.2:

90 percent of students taking Part 2 of the Written Candidacy Exam will achieve an overall "4" or higher on a rubric 1-5 (with 1 being the lowest and 5 being the highest) to assess the theoretical, epistemological, and methodological literature and issues in Security Studies from their core and elective coursework. These will be collected annually by the Graduate Program Director, who will evaluate and report scores. This information will be conveyed to the Ph.D. Committee for discussion about any needed changes in the core and elective courses.

#### Outcome 2:

Students in the Security Studies doctoral program will develop an active research agenda in by their third year in the program.

##### Measure 2.1:

80 percent of students will have developed an active research agenda by their third year in the program. On an annual basis, the Graduate Program Director will collect data from doctoral students' annual academic review and keep a record of doctoral students who have submitted original research papers to professional meetings for presentation.

##### Measure 2.2:

75 percent of students will have submitted their original research to a peer-reviewed journal by the end of their third year. On an annual basis, the Graduate Program Director will collect data from doctoral students' annual academic review and keep a record of doctoral students who have submitted original research to peer-reviewed journals and calculate the percent who have done so by their third year in the program.

#### Outcome 3:

At least 80 percent of graduating students from the Security Studies doctoral program will be gainfully employed in the private sector, the public sector, or the academic community in a field related to their education within six months of graduation and maintain such employment for two years.

##### Measure 3.1:

The Graduate Program Director will contact graduates and report the percentage of those who wanted a job in their degree field who say they were gainfully employed in a position related to Security Studies within six months of graduation.

##### Measure 3.2:

The Graduate Program Director will contact graduates and report the percentage of those who wanted a job in their degree field who say they were gainfully employed in a position related to Security Studies two years after graduation.

## VIII. Curriculum

- A. Describe the specific expected student learning outcomes associated with the proposed program. If a bachelor's degree program, include a web link to the Academic Learning Compact or include the document itself as an appendix.**

The proposed Ph.D. in Security Studies offers rigorous training for students interested in security studies, national security policy and implementation, international affairs, world politics, cyber security issues, and transnational problems. The program prepares students for non-academic careers in security and international affairs careers, as well as for careers as teachers and scholars at universities and research institutes in both the private and public sectors.

The curriculum prepares students to analyze and understand a variety of problems related to the pressing problem of security in an increasingly interconnected world. This analytic approach will also prepare those students interested in working in a non-academic setting in how to respond to various security issues. The program emphasizes considerable flexibility in terms of the theoretical diversity and intellectual breadth characteristic of security studies. The curriculum combines core offerings in security studies, international politics, and methodology. To ensure the highest quality, these core seminars are limited to doctoral students only. Once students acquire a firm foundation, the structure of the doctoral program allows students considerable opportunities for pursuing further study with depth and focus. Major emphasis is placed on research, including research methodology in preparation for doctoral research. Methodological approaches include both quantitative and qualitative analysis at an advanced level to prepare students for research that comprises large-N, quantitative analysis and qualitative research focused on case studies, as is appropriate for the field of Security Studies.

To prepare students for an academic career, students are encouraged to present conference papers, engage in collaborative work with faculty members, and submit articles to refereed journals. The department already has a record in faculty-student collaboration for the existing M.A. program. At the recent 2010 Florida Political Science Association meeting, nine M.A. students presented a paper, and one co-authored a paper with a faculty member; at the September American Political Science Association meeting, one graduate student presented a paper co-authored with a faculty member; one has a paper accepted for the International Studies Association – South conference; other graduate students have presented single-authored or co-authored papers at the Southern Political Science Association meeting and the Midwest Political Science Association meeting (both are national conferences); one student presented a paper at a 2010 international conference in Ecuador. Several M.A. students have co-authored published work with faculty members over the past five years, including a book (Handberg and Li 2007) and/or refereed journal articles (e.g. Jacques, Dunlap, and Freeman 2008; Belton and Morales 2008; additional co-authored articles are under review). Students will be prepared for teaching by completing the UCF requirements to qualify them as GTAs or Instructors of Record through the Faculty Center for Teaching and Learning. In addition, the required Professional Development in Security Studies I course will further prepare students for teaching, grant writing, and other questions related to a professional career. Student research will thus have been exposed to peer review outside of the department, and classroom instruction and engagement with the profession will prepare students well to enter the professional world.

Students interested in pursuing a non-academic career will be further prepared by having the opportunity to pursue an internship in an area of their interest and through the Professional Development in Security Studies II course that is a required part of the curriculum. This course will also address questions of Ethics in the field of Security Studies. The Office of Global Perspectives regularly invites speakers from the field onto campus for students to meet. Several advisory board members have extensive experience in non-academic settings and will be able to provide informal mentoring.

Students interested in either an academic or non-academic career are expected to take full advantage of all professional development opportunities offered by the department and the

university, including brown bag seminars, speakers, defenses of dissertation proposals or dissertations by their peers, and job talks.

**B. Describe the admission standards and graduation requirements for the program.**

**1. Admissions Requirements**

The admission requirements for the proposed degree are consistent with most Ph.D. programs. Admissions will only be made during the Fall semester.

- An earned master's degree or its equivalent in Political Science, International Politics or International Relations, or related discipline. The Graduate Program Director will evaluate the suitability and applicability of MA degrees in other disciplines for admission purposes. Students must have a minimum cumulative GPA of 3.5 for all master's level work completed;
- A competitive score on each of the quantitative and verbal sections of the Graduate Record Examination taken within three years prior to admission to the program;
- A PPI score (Personal Potential Index from the Educational Testing Service);
- Three letters of reference that evaluate the applicant's academic performance and their suitability and potential for undertaking doctoral study, at least one of which must be written by a faculty member at the institution where the master's degree was earned, preferably the thesis advisor for those applicants who wrote a master's thesis;
- A personal statement of 200-300 words describing the applicant's academic and professional experience and goals;
- A writing sample of the applicant's work that is at least 2500 words long and demonstrates ability to complete graduate-level research;
- An interview with the department's Doctoral Program Committee, either in-person on campus or by phone or Skype; and
- International applicants whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL) or other equivalent test approved by the Graduate College, unless they hold a degree from a U.S. accredited institution. The TOEFL is strongly preferred. The minimum TOEFL score for full admissions consideration is 90 on the Internet-based test (IBT), 232 on the computer-based test, or 575 on the paper-based test. The minimum IELTS score is 7.0. Applicants should plan to take the appropriate test no later than December to ensure consideration of their applications by the January 1 deadline.

## 2. Graduation Requirements

The graduation requirements are summarized below. A more detailed discussion of each item is included in Section IV.C.

- 15 hours of required core course work;
- An oral Qualifying Exam (based on core course work);
- Completion of two required professional development seminars;
- 15 hours of restricted electives;
- 12 hours of unrestricted electives;
- A written Candidacy Exam;
- Competency in one modern language (four semesters college-level);
- A Dissertation Proposal Hearing;
- 18 hours of Dissertation work;
- Participation in mentoring, advising, and professional development opportunities, and
- Completion and Defense of Dissertation

**C. Describe the curricular framework for the proposed program, including number of credit hours and composition of required core courses, restricted electives, unrestricted electives, thesis requirements, and dissertation requirements. Identify the total numbers of semester credit hours for the degree.**

**1. Credit hours.** The Ph.D. degree consists of 62 hours beyond the master's degree. A master's degree is required for admission to the program with at least 30 hours of master's level work (including both course work and thesis hours). The 62 hours consist of 30 credit hours of required course work, 12 hours of unrestricted electives (including courses offered in other departments, research, independent study, and internship), 2 hours of Professional Development courses, and a minimum of 18 hours of dissertation work.

**2. Program of Study.** During the first semester of course work, each student will meet with a faculty advisor, assigned by the Doctoral Program Committee, to design a Program of Study that will serve as an individual guide through the program. The Program of Study will include the student's primary area of interest, skill levels attained, required elective preferences, and long-range goals. Faculty will use student plans of study to determine future curriculum needs for

courses and research resources. The Program of Study will be used to make suggestions and recommendations to facilitate the socialization and professional development of new doctoral students in the program.

**3. Annual academic review of doctoral students.** Each student's academic progress will be evaluated annually by the department's Doctoral Program Committee, which will receive input from the student's faculty advisor, faculty with whom the student has taken courses, and, once the student is enrolled in dissertation hours, the student's dissertation advisor. The review will be conducted toward the end of the spring semester, thereby permitting appropriate academic planning for the following semester. The Doctoral Program Committee will communicate the annual academic evaluation to the student in writing. The review will include:

1. Review of the student's academic record including
  - a) checking the overall grade point average;
  - b) addressing any incomplete and/or withdrawn courses;
  - c) monitoring overall progress toward completing the coursework phase of the program.
2. Checking on progress in completing or preparing for the candidacy exam;
3. Planning for a timely defense of the dissertation research proposal or prospectus.
4. Monitoring adequate progress in research including timeliness of degree completion.
5. Assessing participation in those events and activities pertinent to the socialization and professional development of the student in security studies

Note: The oral Qualifying Exam, given at the end of the first year (see below) will be a part of each student's first annual academic review.

#### **4. Curriculum Composition.**

**a. Required Core Courses (15 hours).** These core courses (3 credit hours each), required of all doctoral students, introduce advanced training in security studies, international politics, and research methods. Along with the student's masters-level training, they provide the research and technical skills necessary to pursue careers suited to doctoral-level education in academia and in the private and public sectors. The core courses are (for new courses, see Appendix III for Course Action Requests):

- INR 7xxx Theoretical Approaches to Security Studies
- INR 7xxx Issues in Domestic Security
- INR 7xxx Issues in International Security
- POS 7xxx Advanced Quantitative Methods of Political Research
- POS 7xxx Advanced Qualitative Methods of Political Research

### **Professional Development Courses (2 hrs)**

In addition to the substantive required core courses, doctoral students are required to take the following two 1-credit hour courses, which emphasize professional development within and socialization into the field:

POS 7xxx Professional Development in Security Studies I

POS 7xxx Professional Development in Security Studies II

**b. Oral Qualifying Examination.** The oral qualifying examination is given at the end of the semester in which core course work is completed. It will examine students on theoretical, epistemological, and methodological literature and issues from the five required core courses, although the scope of the examination is not limited to topics covered in the seminars. The exam is administered by an Exam Committee appointed by the Graduate Program Director (who is also a member of the committee). The oral qualifying examination evaluates students' preparation in subjects that are considered to be an essential foundation for their continued doctoral study and research in the program. Any student failing the examination must repeat the examination prior to the start of the next fall semester. A second failed attempt will result in dismissal from the program. The oral qualifying exam will also serve as part of the student's annual academic review for the first year of study.

**c. Restricted Electives (15 hours).** All students in the doctoral program must complete a minimum of 15 hours of course work in graduate seminars. The choice of specific courses taken will be based on the research interests of students and made in conjunction with their faculty advisor. In this way, our students achieve two distinct but related goals: a broad competence in the variety of methodological, theoretical and substantive approaches to security studies and advanced proficiency in the areas that are most germane to their research interests.

CPO 6058	Revolution and Political Violence
INR 6007	Seminar in International Politics
INR 6071	Seminar in Weapons of Mass Destruction
INR 6136	Seminar in American Security Policy
INR 6108	Seminar in American Foreign Policy
INR 6228	International Politics of the Caspian Sea States
INR 6275	International Politics of the Middle East
INR 6607	International Relations Theory
INR 6XXX	The Politics of International Terrorism
INR 6XXX	Seminar on War
INR 6XXX	Seminar on Intelligence
INR 6XXX	Peace Studies
INR 6XXX	Environmental Security
INR 6XXX	International Drug Policy
INR 6XXX	Political Behavior in International Conflict

**d. Unrestricted Electives (12 hours).** The unrestricted electives provide students with an opportunity to further expand their doctoral training beyond the program's core courses and the restricted electives. Unrestricted electives may include regularly scheduled graduate courses in political science, graduate-level courses in programs outside the department, independent study courses, doctoral research courses with a highly focused student/faculty research component, and internships that enable students to gain valuable experience in a non-academic setting. Restricted electives may be taken at any point in the student's program of study; however, no more than a total of twelve hours of graduate course work can be from outside of the department, dissertation research, independent study, or internship; in addition, no more than a total of six hours can be from either independent study or internship. Students with suitable academic backgrounds may work in areas such as cyber security or science and technology taking courses in relevant departments. A student's faculty advisor and the department's Graduate Program Director must approve all graduate courses taken outside the department and internships. The following courses have been approved to be taken outside of the political science department:

Approved courses outside the political science department:

AMH 5515 Colloquium in U.S. Diplomatic History  
ASH 5485 U.S.-China Relations  
ASH 5227 The Arab-Israeli Conflict  
CCJ 5675 Human Rights and Criminal Justice  
CCJ 6021 Criminal Justice Responses to Terrorism  
CCJ 6067 Perspectives on Genocide  
CCJ 6485 Issues in Terrorism  
LAH 5713 Colloquium in U.S.-Latin American Relations  
PAD 6399 Foundations of Emergency Management and Homeland Security

**e. Written Candidacy Exams.** On completion of all coursework, students must take a written candidacy examination. Candidacy examinations will usually be administered at a time arranged by the student's Examination Committee (three faculty members with whom the student has taken graduate seminars, of which two must be graduate faculty with expertise in security studies). A student must notify the Graduate Program Director in writing of their intent to take candidacy exams at least one month before the date fixed for examination. The exam must be successfully completed prior to enrollment in dissertation hours.

Each student will take two exams on separate days. The first exam will be in research methods. The content of this exam will be uniform for each matriculating class of students. The second exam will be a special field in Security Studies, devised by the student in consultation with his or her exam committee. The special field may be geographic or thematic in focus, reflecting the research interests of the student. Both examinations will be used to determine the student's knowledge of theory, methods and past and present research in their chosen areas. Students failing the comprehensive examination may retake the exam one time. If the exam is failed a second time, the student will be dismissed from the program.



**f. Modern Language Requirement.** Prior to enrollment in dissertation hours, students are required to demonstrate proficiency in one modern language (other than English). The requirement is two years (four semesters) of a single college-level modern language, which should normally be in an area relevant to the student's research. Students may meet the requirement by providing evidence of four semesters of enrollment or by passing a university-administered equivalent proficiency examination.

**g. Dissertation Advisory Committee.** It is the responsibility of the student to secure qualified members of their dissertation committee. The dissertation committee will consist of a minimum of four members who are approved members of the Graduate Faculty or Graduate Faculty Scholars. At least three members must be Graduate Faculty, one of whom must serve as the chair of the committee. One member must be from either outside the student's department at UCF or outside the university. Graduate Faculty members must form the majority of any given committee. A dissertation committee must be formed prior to enrollment into dissertation hours.

**h. Dissertation Proposal Hearing.** The purpose of the dissertation proposal hearing is to explain the subject under investigation, place it within the existing scholarly literature and to present the planned approach for writing the dissertation. The proposal hearing takes place in the first semester a student is enrolled into dissertation hours; therefore, students may not schedule a proposal hearing with their dissertation committee until they have completed all coursework and exams in their program of study. Students work with their dissertation committee to develop and refine the proposal. Students will present the dissertation proposal in a seminar open to the university community. Immediately after this defense, the student's Dissertation Committee will meet to decide whether the student passed the proposal hearing. A student who passes the proposal hearing then begins the actual research and writing of the doctoral dissertation.

**i. Dissertation (minimum 18 hours).** The dissertation is the culmination of the course work that comprises this research-based degree. It must make a significant theoretical, historical, intellectual, practical, creative, or research contribution to the student's area within the discipline. The dissertation will be completed through a minimum of 18 hours of dissertation credit, which students will use to accomplish original research. Students must maintain enrollment in dissertation hours until the degree is awarded. Students must successfully defend their completed dissertation in an oral examination, which takes place in an open seminar. Defense dates for the completed dissertation should be set during the first week of the semester in which the defense will take place. This date must be approved by both the student's advisory committee and the Graduate Program Director. Each chapter of the dissertation should be distributed to committee members in a timely fashion. The full dissertation manuscript must be submitted to all committee members at least thirty days before the scheduled defense. The final dissertation must be approved by a majority of the committee. Further approval is required from the Deans of the College of Sciences and of the College of Graduate Studies before final acceptance of the dissertation in fulfilling degree requirements.

**j. Participation in additional mentoring, advising, and professional development processes and events.** To ensure that students are adequately advised and socialized as professionals to enter the workforce in academic and non-academic settings, students are expected to participate

fully in all processes and events the department will offer to this end. Upon admission to the program, each student will be assigned a faculty advisor to provide guidance about UCF, the department, and the program in conjunction with the Graduate Program Director. All newly admitted students are required to attend an orientation session, led by the Graduate Program Director, prior to the beginning of their first semester. In addition, students will be required to participate in the program for GTAs offered by the UCF Faculty Center for Teaching and Learning and the College of Sciences. New graduate students will also meet during the start of their first semester with an assigned faculty advisor to develop an individually-tailored Program of Study. Students are expected to participate fully in all graduate workshops offered or organized by the department, attend brown bag research presentations, job talks, dissertation proposal hearings, dissertation defenses by their peers, and attend lectures organized by other UCF units (e.g. Office of Global Perspectives, Lou Frey Institute) when the topics are relevant to their field of study. Though participation in these activities is not graded, it will be included in the annual academic review for each student.

**D. Provide a sequenced course of study for all majors, concentrations, or areas of emphasis within the proposed program.**

A typical sequence for full-time students would be as follows:

**Year 1 (19 hours)**

<b><u>Fall:</u></b>	<b><u>Spring:</u></b>
<ul style="list-style-type: none"> <li>• POS 7xxx Advanced Quantitative Methods of Political Research (3)</li> <li>• INR 7xxx Theoretical Approaches to Security Studies (3)</li> <li>• INR 7xxx Issues in Domestic Security (3)</li> </ul>	<ul style="list-style-type: none"> <li>• POS 7xxx Advanced Qualitative Methods of Political Research (3)</li> <li>• INR 7xxx Issues in International Security (3)</li> <li>• Restricted Elective (3)</li> <li>• Professional Development in Security Studies I (1)</li> </ul> <p><i>Oral Qualifying Exam taken at the end of the semester.</i></p>
Semester Total Hours: 9	Semester Total Hours: 10
Overall Total Hours: 9	Overall Total Hours: 19

**Year 2 (25 hours)**

<p><b><u>Summer:</u></b></p> <ul style="list-style-type: none"> <li>• Restricted Elective (3)</li> <li>• Unrestricted Elective (3)</li> </ul>	<p><b><u>Fall:</u></b></p> <ul style="list-style-type: none"> <li>• Restricted Elective (3)</li> <li>• Restricted Elective (3)</li> <li>• Unrestricted Elective (3)</li> </ul>	<p><b><u>Spring:</u></b></p> <ul style="list-style-type: none"> <li>• Restricted Elective (3)</li> <li>• Unrestricted Elective (3)</li> <li>• Unrestricted Elective (3)</li> <li>• Professional Development in Security Studies II (1)</li> </ul> <p><i>Written Candidacy Exams taken at the end of Spring semester.</i>  <i>Foreign language requirement must be met prior to enrollment in dissertation hours.</i></p>
<p>Semester Total Hours: 6 Overall Total Hours: 25</p>	<p>Semester Total Hours: 9 Overall Total Hours: 34</p>	<p>Semester Total Hours: 10 Overall Total Hours: 44</p>

**Year 3 (18 hrs)**

<p><b><u>Summer:</u></b></p> <ul style="list-style-type: none"> <li>• Dissertation (3)</li> </ul> <p><i>Dissertation proposal hearing must take place in first semester a student is enrolled in dissertation hours.</i></p>	<p><b><u>Fall:</u></b></p> <ul style="list-style-type: none"> <li>• Dissertation (9)</li> </ul>	<p><b><u>Spring:</u></b></p> <ul style="list-style-type: none"> <li>• Dissertation (6)</li> </ul> <p><i>Dissertation completion and defense</i></p>
<p>Semester Total Hours: 3 Overall Total Hours: 47</p>	<p>Semester Total Hours: 9 Overall Total Hours: 56</p>	<p>Semester Total Hours: 6 Overall Total Hours: 62</p>

**Year-by-Year Plan of Course Offerings for Years 1-5:**

Table VIII.1 outlines a plan for course offerings for Years 1-5 and lists the faculty members involved. The curriculum builds on existing faculty strengths in the relevant curriculum areas and includes the contributions of future hires.

**Table VIII.1 Course Offerings by Year**

		Fall	Spring	Summer
Y 1	Core courses	POS 7XXX Advanced Quantitative Methods (Kinsey)	POS 7XXX Advanced Qualitative Methods (Wilson)	
		INR 7XXX Theoretical Approaches to Security Studies (Houghton)	INR 7XXX Issues in International Security (New hire 1)	
		INR 7XXX Issues in Domestic Security (Dolan)	POS 7xxx Professional Development I (Hamann)	
	Restr. Elect.	CPO 6058 Revolution & Political Violence (Morales)	INR 6108 Seminar in American Foreign Policy (Houghton)	INR 6XXX Peace Studies (New hire 2)
	Unrest. Elect.	INR 6275 International Politics of Middle East (Sadri)	INR 6136 Seminar in American Security Policy (Handberg)	GEO 6472 World Political Geography (Bledsoe)
Y 2	Core courses	POS 7XXX Advanced Quantitative Methods (Kinsey)	POS 7XXX Advanced Qualitative Methods (Wilson)	
		INR 7XXX Theoretical Approaches to Security Studies (Houghton)	INR 7XXX Issues in International Security (New hire 1)	
		INR 7XXX Issues in Domestic Security (Dolan)	POS 7XXX Professional Development II (Hamann)	
	Restr. Elect.	INR 6XXX Politics of International Terrorism (New hire 1)	INR 6XXX Seminar on War (Dolan)	INR 6XXX Pol Behavior in International Conflict (New hire 2)
	Unrestr. Elect.	INR 6507 International Organization (New hire 2)	INR 6XXX Environmental Security (Jacques)	POS 6743 Geographic Tools for Political Science Research (Kinsey)
Y 3	Core courses	POS 7XXX Advanced Quantitative Methods (Pollock)	POS 7XXX Advanced Qualitative Methods (Hamann)	
		INR 7XXX Theoretical Approaches to Security Studies (New hire 3)	INR 7XXX Issues in International Security (New hire 1)	
		INR 7XXX Issues in Domestic Security (Dolan)	POS 7XXX Professional Development I (New Hire 3)	
	Restr. Elect.	INR 6XXX Seminar in Intelligence (Sloan)	INR 6XXX Peace Studies (New hire 2)	INR 6108 Seminar in American Foreign Policy (Houghton)
	Unrestr. Elect.	INR 6XXX International Drug Policy (Morales)	INR 6275 International Politics of Middle East (Sadri)	INR 6507 International Organization (New hire 2)
Y 4	Core courses	POS 7XXX Advanced Quantitative Methods (Pollock)	POS 7XXX Advanced Qualitative Methods (Hamann)	
		INR 7XXX Theoretical Approaches to Security Studies (Houghton)	INR 7XXX Issues in International Security (New hire 1)	

(Y 4)		INR 7XXX Issues in Domestic Security (Dolan)	POS 7XXX Professional Development II (New hire 2)	
	Restr. Elect.	INR 6XXX Seminar in Weapons of Mass Destruction (New hire 3)	INR 6XXX Political Behavior in International Conflict (Dolan)	INR 6XXX Environmental Security (Jacques)
	Unrestr. Elect.	POS 6743 Geographic Tools for Political Science Research (Kinsey)	INR 6XXX Politics of International Terrorism (New hire 1)	GEO 6472 World Political Geography (New hire 3)
Y 5	Core courses	POS 7XXX Advanced Quantitative Methods (Kinsey)	POS 7XXX Advanced Qualitative Methods (Wilson)	
		INR 7XXX Theoretical Approaches to Security Studies (Houghton)	INR 7XXX Issues in International Security (New hire 1)	
		INR 7XXX Issues in Domestic Security (Dolan)	POS 7XXX Professional Development II (New hire 3)	
	Restr. Elect.	INR 6136 Seminar in American Security Policy (Handberg)	INR6XXX Seminar on War (Dolan)	INR 6108 Seminar in American Foreign Policy (Houghton)
	Unrestr. Elect.	CPO 6036 Political Development (Wilson)	INR 6275 International Politics of Middle East (Sadri)	INR 6507 International Organization (New hire 2)

**E. Provide a one- or two-sentence description of each required or elective course.**

**Required Core Courses**

**(all courses are 3 credit hours unless indicated otherwise)**

INR 7XXX *Theoretical Approaches to Security Studies* (Dr. David Houghton)  
Survey of realist, liberal, constructivist, critical and other theories of international security.

INR 7XXX *Issues in Domestic Security* (Dr. Thomas Dolan)  
Examination of national issues such as domestic terrorism, with a particular emphasis on challenges arising at the state level.

INR 7XXX *Issues in International Security* (Dr. Thomas Dolan)  
Overview of international issues such as terrorism, genocide, nuclear proliferation, war, the spread of infectious diseases, fragile and failing states, transnational organized crime, and gender.

POS 7XXX *Advanced Quantitative Methods in Political Research* (Dr. Barbara Kinsey)  
Survey of advanced quantitative methods used in political science research, including multiple and logistical regression models.

POS 7XXX *Advanced Qualitative Methods in Political Research* (Dr. Bruce Wilson)  
Survey of advanced qualitative methods employed in political science research, including the use of case studies, the logic of comparison, and the use of archival and interview-based research.

POS 7XXX *Professional Development in Security Studies I* (1 credit hour; Dr. Kerstin Hamann)  
Prepare students for teaching, submission of articles to peer-reviewed journals, grant writing, and other questions related to an academic career.

POS 7XXX *Professional Development in Security Studies II* (1 credit hour; new hire).  
Addresses ethics in political science, specifically from a security studies perspective.

### **Elective Courses**

**(all courses are 3 credit hours; the elective courses will also supplement the existing M.A. program as elective courses)**

POS 6743 *Geographic Tools for Political Science Research* (Dr. Barbara Kinsey)  
Provides an introduction to theoretical assumptions, analytical possibilities and application of geographic tools of analysis for political science research.

CPO 6058 *Revolution and Political Violence* (Dr. Waltraud Morales)  
Seminar addresses theory and analytical models of political revolutions and insurgencies with cases, especially Third World.

INR 6007 *Seminar in International Politics* (Dr. Waltraud Morales)  
Introduces the student to the advances in international relations theory and research through a broad sampling of approaches and methods.

INR 6071 *Seminar in Weapons of Mass Destruction* (new hire)  
Examination of the impact and proliferation of Weapons of Mass Destruction, and efforts at control and regulation.

INR 6108 *Seminar in American Foreign Policy* (Dr. David Houghton)  
Domestic and international factors influencing the development of selected foreign policy issues.

INR 6136 *Seminar in American Security Policy* (Dr. Roger Handberg)  
Examination of domestic and international factors influencing the development of selected American security policy issues.

INR 6228 *International Politics of the Caspian Sea States* (Dr. Houman Sadri)  
A comprehensive analysis of the political issues of the Caspian region.

INR 6275 *International Politics of the Middle East* (Dr. Houman Sadri)  
Examination of domestic and international factors influencing the development of selected American security policy issues.

INR 6607 *International Relations Theory* (Dr. David Houghton)  
A survey of primary theoretical approaches to understanding and explaining international relations.

INR 6XXX *The Politics of International Terrorism* (Dr. Stephen Sloan)

An analysis of the causes of and political responses to the incidence of domestic and international terrorism. Emphasis on political science approaches to the study of past, current, and future developments in domestic and international terrorism.

INR 6XXX *Seminar on War* (Dr. Thomas Dolan)

Examination of theories and empirical evidence locating the causes of war at the systemic, state and individual levels of analysis.

INR 6XXX *Seminar on Intelligence* (Dr. Stephen Sloan)

Examination of the organization and functions of the intelligence community, its interaction with national security policymakers, and the challenges it faces in defining its future role.

INR 6XXX *Peace Studies* (Dr. Peter Jacques)

Examination of the ways in which human beings may manage conflict, fostering justice and creative development. Surveys both international and domestic conflicts, outlining theories of peace and utilizing various case studies.

INR 6XXX *Environmental Security* (Dr. Peter Jacques)

Examination of the relationship between environmental degradation and both national and international security, introducing students to the technical and political debates on global environmental change.

INR 6XXX *International Drug Policy* (Dr. Waltraud Morales. Note: The course exists already as a Special Topics course)

Overview of drug use/abuse around the globe, debating the issues associated with international drug dealing and trafficking and analyzing the U.S. "War on Drugs."

INR 6XXX *Political Behavior in International Conflict* (Dr. Thomas Dolan)

Analysis of the ways in which cognitive and emotional theories of human behavior have been used to explain conflict between nation-state and other non-state actors.

### **Courses Outside Political Science**

**(All courses are 3 credit hours)**

Students are responsible for completing any additional paperwork and procedures needed to enroll into these courses, such as registration by override through the respective colleges' student advising offices. The departments offering these courses will make them available for enrollment by the students in the Political Science Ph.D. program (see Appendices I.11-13)

AMH 5515 *Colloquium in U.S. Diplomatic History* (3 credit hours)

A survey of the historical literature of American foreign policy.

ASH 5485 *U.S.-China Relations* (3 credit hours)

An in-depth study of the significant relations between China and the United States since the 18th century.

ASH 5227 *The Arab-Israeli Conflict* (3 credit hours)

This course examines the history of the Arab-Israeli conflict, placing particular emphasis on its origins in 19th century imperialism and Zionism.

CCJ 5675 *Human Rights and Criminal Justice* (3 credits)

Provides in-depth analysis of the human rights movement and its potential impact upon criminal law as well as the juvenile and criminal justice systems.

CCJ 6021 *Criminal Justice Responses to Terrorism* (3 credit hours)

Critically examines phenomena of domestic and international terrorism to give students a solid grounding of salient issues in developing crime control strategies to prevent terrorism and mount appropriate responses to incidents.

CCJ 6067 *Perspectives on Genocide* (3 credits)

This course provides a critical examination of criminal justice perspectives on genocide.

CCJ 6485 *Issues in Terrorism* (3 credit hours)

This course examines the phenomena of terrorism from many angles. Topics include definitions of and motives for terrorist activity, and the history of both international and domestic Terrorism.

LAH 5713 *Colloquium in U.S.-Latin American Relations* (3 credit hours)

The course will analyze U.S.-Latin American relations from an historical perspective. It will be presented through readings and discussion of selected materials.

PAD 6399 *Foundations of Emergency Management and Homeland Security* (3 credit hours)

Analyzes the policy and organizational design issues confronting managers of emergency management and homeland security programs by examining natural and manmade threats, analysis of the network of actors - national, state, local, and private - and by assessing policies, plans and procedures at governmental and community levels.

- F. For degree programs in the science and technology disciplines, discuss how industry-driven competencies were identified and incorporated into the curriculum and identify if any industry advisory council exists to provide input for curriculum development and student assessment.**

Security Studies is not a technology discipline and industry-driven competencies do not exist. However, the program will enhance the students' ability to work with statistical data models, including data mining and analysis. As much of the Security Studies field deals with large and complicated data sets, computer competency and familiarity with statistical analysis software is essential. At the same time, the field of security studies also often demands in-depth knowledge of specific fields and areas, which requires students to be competent in advanced qualitative analysis. To further address industry-driven competencies, we established an advisory council to provide input for curriculum development. Furthermore, the advisory board members work at organizations that are potential employers for program graduates. The individuals were chosen



based on their expertise in the area of Security Studies. All members have previous ties to UCF through their collaboration with the Office of Global Perspectives or other units. The advisory board members will provide feedback and advice on curricular matters and informally mentor Ph.D. students on dissertation topics and career options.

The advisory council consists of the following members:

Sarah Bynum, M.A., CPP, CISSP: Director of Security, Siemens Energy, Inc. Ms. Bynum is responsible for security at Siemens and is regularly involved in the security aspects of international projects. She is an expert on economic and industrial security and its international dimensions.

Dr. Bernard Finel: Former Senior Fellow and Director of Research at the American Security Project, a non-partisan think tank located in Washington, DC. Previously, he was an Associate Professor of Strategy and Policy at the National War College, and Executive Director of the Security Studies Program at Georgetown University.

Dr. Sebastian Gorka: Professor in the Irregular Warfare Department at the College of International Security Affairs of the National Defense University. Previously, he was Founding Director of the Institute for Transitional Democracy and International Security in Budapest, Hungary.

Dr. George A. Lopez: Rev. Theodore M. Hesburgh, C.S.C. Professor of Peace Studies at the Kroc Institute for International Peace Studies of the University of Notre Dame. He previously was Executive Director of The Bulletin of the Atomic Scientists, and a Senior Research Associate at the Carnegie Council on Ethics and International Affairs in New York City.

Jack Mendelsohn: Professor at George Washington University. He is a former senior Foreign Service officer, was a member of the SALT II and START I delegations and served as deputy director of the Arms Control Association.

Dr. John R. Schindler: Professor, National Security Decision Making, U.S. Naval War College and Senior Fellow at Boston University's International History Institute. A specialist in terrorism, intelligence, and European area studies, he spent nearly a decade in counterterrorism and counterespionage operations and analysis with the Defense Department.

In addition, Dr. Stephen Sloan, an internationally known expert on terrorism, will serve as a resource consultant for the program (Dr. Sloan is currently the Lawrence J. Chastang Distinguished Professor of Terrorism Studies in the Office of Global Perspectives and a member of the Department of Political Science).

**G. For all programs, list the specialized accreditation agencies and learned societies that would be concerned with the proposed program. Will the university seek accreditation for the program if it is available? If not, why? Provide a brief timeline for seeking accreditation, if appropriate.**

The American Political Science Association (APSA) is the national professional organization for the discipline of political science. Additional regional and state associations exist (e.g. Midwest Political Science Association, Southern Political Science Association, Florida Political Science Association). We will not be seeking accreditation of this program because at present, none of these professional organizations maintains accreditation standards for security studies or related disciplines at any degree level (B.A., M.A., Ph.D.) and no specialized accreditation agencies exist in the discipline.

The International Studies Association (ISA) is the main international professional organization for the field of international studies. The ISA does not maintain any type of accreditation standards for any degree level. The field of international studies (including security studies) has no specialized accreditation agencies.

**H. For doctoral programs, list the accreditation agencies and learned societies that would be concerned with corresponding bachelor's or master's programs associated with the proposed program. Are the programs accredited? If not, why?**

N/A (no specialized accreditation agencies exist in the discipline)

**I. Briefly describe the anticipated delivery system for the proposed program (e.g., traditional delivery on main campus; traditional delivery at branch campuses or centers; or nontraditional delivery such as distance or distributed learning, self-paced instruction, or external degree programs). If the proposed delivery system will require specialized services or greater than normal financial support, include projected costs in Table 2. Provide a narrative describing the feasibility of delivering the proposed program through collaboration with other universities, both public and private. Cite specific queries made of other institutions with respect to shared courses, distance/distributed learning technologies, and joint-use facilities for research or internships.**

The basic delivery system for doctoral programs is the seminar. These are small classes where students, with the professor, critically examine a body of work focused on a particular topic or examine research procedures for data collection and analysis. The focus of the seminar is discussing readings and pushing the boundaries of the current literature in a field. The primary assignment for students is the writing of a research paper that, when presented to the class, becomes an additional focus of critical attention by the group. We anticipate that most of the courses including all the required core courses will be offered in a face-to-face seminar format.

All current full-time faculty members have completed IDL 6543, the UCF Course Development and Web Service's faculty development workshop on presenting a course online and the laboratory workshop on using Webcourses. In addition, the university supports use of the emerging classroom media of Adobe Connect and Tegrity. Distance learning has been incorporated into the political science undergraduate program, so that several courses are offered entirely on the Web or in a reduced seat-time format with a significant component offered online. Our faculty and UCF clearly have the expertise to offer part of the proposed doctoral program online. After the program is established, we will explore adapting some of the courses of this

doctoral program to a distance learning format. In particular, we envision that some of the elective courses might be offered in a reduced-seat time format with some components online or as fully web-based classes. Developing courses in this way would not require additional resources. It is unlikely, at least at this time, that there would be sufficient demand to justify offering the Ph.D. program on a regional campus; hence all graduate seminars will be held on the Orlando campus.

We do not anticipate close collaboration with other universities at this point. The courses in the program will be primarily taught as face-to-face seminars on campus, as are the Ph.D. courses of other universities in Florida. This means that attending class on another campus is tied to a considerable amount of travel time during which the students will not be able to attend other courses or complete work that is part of their GTA assignment. The same holds for students from other universities. Communication with the Ph.D. program in closest geographical proximity to UCF, the University of Florida, showed that UF is not currently interested in close collaboration or shared courses (see communication in Appendix I.10); however, individual students always have the option of applying to courses at other universities through a Travelling Scholar arrangement.

## **IX. Faculty Participation**

- A. Use Table 4 to identify existing and anticipated ranked (not visiting or adjunct) faculty who will participate in the proposed program through Year 5. Include (a) faculty code associated with the source of funding for the position; (b) name; (c) highest degree held; (d) academic discipline or specialization; (e) contract status (tenure, tenure-earning, or multi-year annual [MYA]); (f) contract length in months; and (g) percent of annual effort that will be directed toward the proposed program (instruction, advising, supervising internships and practica, and supervising thesis or dissertation hours).**

Table 4 lists information on the number of faculty who are expected to participate in the doctoral program by Year 5 (for faculty curriculum vitae, see Appendix IV). Table 4 includes 11 current faculty, one replacement hire (completed by fall 2011), and two new hires (completed by fall 2012 and 2013 respectively). (Please see Appendix II.8 for additional information about Years 2, 3, and 4.) Each of the current faculty members holds the Ph.D. as the terminal degree in their field; five hold the rank of Professor, four are Associate Professors, one is an Assistant Professor, and one is Professor Emeritus and Lecturer. All faculty members are expected to participate in the program through the first five years of implementation by teaching scheduled courses and supervising individualized studies and internships. A detailed list of courses and faculty members assigned to teach courses is included in Section VIII. All faculty members are also expected to chair or serve on dissertation committees by Year 5.

During Year 1, 11 faculty members will cover the 12 courses required for the first year at .11 percent effort per 3-credit hour course and .04 percent per 1-credit hour course. By Year 5, ten faculty members – including the new hires – will cover all offered courses. All faculty members teaching courses during Years 1-5 will also be engaged in supervising students by serving as dissertation committee chair or serving on committees. Finally, faculty members will also participate in the program through the program's administration, as detailed below.

The hiring of new faculty and the Ph.D. students teaching as graduate instructors of record will benefit the department and reduce the overall undergraduate workload for the existing faculty. Starting in their second year in the program, graduate students will be offered the opportunity to offer an undergraduate course as instructors of record per semester. We expect that by Year 3 of the program, seven Ph.D. students will be teaching one or two courses per year as instructors of record, thus teaching an estimated 10 undergraduate courses, including GEP courses. As we expect one of the current faculty members to retire by Year 3 and thus not be able to offer any undergraduate courses, the overall contribution of the GTAs as undergraduate instructors of record will be approximately .7 courses per year per GTA. At the same time, the new hires will also make a substantial contribution to the undergraduate program. We expect that the Full Professor to be hired for the program will teach one undergraduate course per year, the new Associate Professor will teach three undergraduate courses per year, and the Assistant Professor will teach four undergraduate courses per year, for a total of eight undergraduate courses per year. Thus, the GTA instructors of record and the new faculty members hired for the program will add 18 undergraduate courses per year, leading to an overall reduction of workload of the faculty in the department and adding more courses to meet the student growth at the undergraduate level.

**TABLE 4 (1,5)**  
**ANTICIPATED FACULTY PARTICIPATION**

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Speciality	Rank	Contract Status	Initial Date for Participation in the Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contract Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
A	Bledsoe, Robert	Lecturer	Not TE	2013	9	0.75	11%	0.08	9	0.75	0%	0.00
A	Dolan, Thomas	Assistant Prof	TE	2013	9	0.75	11%	0.08	9	0.75	22%	0.17
A	Hamann, Kerstin	Professor	Tenured	2013	9	0.75	11%	0.08	9	0.75	8%	0.06
A	Handberg, Roger	Professor	Tenured	2013	12	1.00	11%	0.11	12	1.00	11%	0.11
A	Houghton, David	Associate Prof	Tenured	2013	9	0.75	22%	0.17	9	0.75	25%	0.19
A	Jacques, Peter	Associate Prof	Tenured	2014	9	0.75	0%	0.00	9	0.75	0%	0.00
A	Kinsey, Barbara	Associate Prof	Tenured	2013	9	0.75	11%	0.08	9	0.75	11%	0.08
A	Morales, Waltraud	Professor	Tenured	2013	9	0.75	11%	0.08	9	0.75	0%	0.00
A	Pollock, Philip	Professor	Tenured	2014	9	0.75	0%	0.00	9	0.75	0%	0.00
A	Sadri, Houman	Associate Prof	Tenured	2013	9	0.75	11%	0.08	9	0.75	11%	0.08
A	Wilson, Bruce	Professor	Tenured	2013	9	0.75	11%	0.08	9	0.75	22%	0.17
C	New hire 1	Professor	TE	2013	9	0.75	11%	0.08	9	0.75	14%	0.11
B	New hire 2	Assistant Prof	TE	2013	9	0.75	11%	0.08	9	0.75	14%	0.11
C	New hire 3	Associate Prof	TE	2015	9	0.75	0%	0.00	9	0.75	14%	0.11
	<b>Total Person-Years (PY)</b>							0.98				1.19

Faculty CODE		Source of Funding	PY Workload by Budget Classification			
			Year 1		Year 5	
<b>A</b>	Existing faculty on a regular line	<b>Current Education &amp; General Revenue</b>	<b>0.85</b>		<b>0.86</b>	
<b>B</b>	New faculty to be hired on a vacant line	<b>Current Education &amp; General Revenue</b>	<b>0.08</b>		<b>0.11</b>	
<b>C</b>	New faculty to be hired on a new line	<b>New Education &amp; General Revenue</b>	<b>0.08</b>		<b>0.22</b>	
<b>D</b>	Existing faculty hired on contracts/grants	<b>Contracts/Grants</b>				
<b>E</b>	New faculty to be hired on contracts/grants	<b>Contracts/Grants</b>				
		<b>Overall Totals for</b>	<b>Year 1</b>	<b>0.98</b>	<b>Year 5</b>	<b>1.19</b>

**b. Graduate Program Assistant.** The Graduate Program Assistant (a new staff position) will assist the Graduate Program Director in all areas. The Assistant's responsibilities include, but are not limited to:

- Keeping and updating graduate student records
- Processing all necessary paperwork
- Assisting the Program Director in preparing promotional and informational material concerning the Ph.D. program
- Publicizing Notices of Defense in accordance with UCF procedures
- Compiling a current e-mail list of Ph.D. students

**c. Doctoral Program Committee.** In addition to the Graduate Program Director, a Doctoral Program Committee, comprised of four graduate faculty members, will assist in advising and administering this program. Doctoral Program Committee members will be elected by the tenured and tenure-track program faculty to a two-year term. (For the first term, two members will be elected for a two-year term, and two members will be elected for a one-year term. Each following year, two members will be elected for a two-year term.) Doctoral Program Committee members must be tenured or tenure-track; hold the rank of Assistant Professor, Associate Professor, or Professor; and be active in the graduate program.

The duties of the Doctoral Program Committee will include, but not be limited to, the following:

- Admitting new graduate students to the Ph.D. program
- Appointing doctoral examination committees
- Deciding on graduate student appeals or petitions to university/college/program requirements
- Deciding on graduate student appeals of grades on doctoral examinations
- Recommending changes in graduate policies and procedures to the political science faculty
- Approving new graduate courses prior to their submission to the department faculty
- Approving the make-up of dissertation committees
- Deciding the status of graduate students who receive an unacceptable grade
- Interviewing applicants considered for admission
- Assigning GTAs
- Conducting students' Annual Academic Review, with input from student's faculty advisor and dissertation advisor (once the student is enrolled in dissertation hours)

**B. Use Table 2 to display the costs and associated funding resources for existing and anticipated ranked faculty (as identified in Table 2). Costs for visiting and adjunct faculty should be included in the category of Other Personnel Services (OPS). Provide a narrative summarizing projected costs and funding sources.**

Faculty for the Ph.D. program include 11 current faculty members who will take primary responsibility for student instruction and supervision and an additional three hires, one of which will be an assistant professor position as a replacement on an already existing line; the other two positions will be new and at the senior level, one associate professor and one full professor (see Table 4 in Section IX for details and FTE assignment per faculty member involved). For Year 1, the expected cost of faculty salary and benefits amounts to \$129,520, which will be funded by a reallocation of the department's E&G base budget (\$109,893) and new undergraduate enrollment growth for the College of Sciences and the department (\$19,627). For Year 5, faculty salaries and benefits will amount to a total of \$155,382, which will be funded through the continuing E&G base allocation for the Department of Political Science (\$115,254) and new enrollment growth (\$40,128). Other Personnel Services in the amount of \$15,218 will be used for Dr. Stephen Sloan, who is currently the Lawrence J. Chastang Distinguished Professor of Terrorism Studies in the Office of Global Perspectives, to provide advice on implementing the program and help with recruitment activities in Year 1, and teach a course in Year 3.



**TABLE 2**  
**PROJECTED COSTS AND FUNDING SOURCES**

Instruction & Research Costs (non-cumulative)	Year 1						Year 5				
	Funding Source					Subtotal E&G and C&G	Funding Source				Subtotal E&G and C&G
	Reallocated Base * (E&G)	Enrollment Growth (E&G)	Other New Recurring (E&G)	New Non-Recurring (E&G)	Contracts & Grants (C&G)		Continuing Base** (E&G)	New Enrollment Growth (E&G)	Other*** (E&G)	Contracts & Grants (C&G)	
Faculty Salaries and Benefits	\$109,893	\$19,627	\$0	\$0	\$0	\$129,520	\$115,254	\$40,128	\$0	\$0	\$155,382
A&P Salaries and Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
USPS Salaries and Benefits	\$0	\$36,096	\$0	\$0	\$0	\$36,096	\$0	\$36,096	\$0	\$0	\$36,096
Other Personnel Services	\$15,218	\$0	\$0	\$0	\$0	\$15,218	\$0	\$0	\$0	\$0	\$0
Assistantships and Fellowships	\$24,000	\$61,000	\$0	\$0	\$0	\$85,000	\$24,000	\$315,002	\$0	\$0	\$339,002
Library	\$0	\$51,431	\$0	\$0	\$0	\$51,431	\$0	\$16,603	\$0	\$0	\$16,603
Expenses	\$0	\$12,000	\$0	\$0	\$0	\$12,000	\$0	\$5,000	\$0	\$0	\$5,000
Operating Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Special Categories	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs</b>	<b>\$149,111</b>	<b>\$180,154</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$329,265</b>	<b>\$139,254</b>	<b>\$412,829</b>	<b>\$0</b>	<b>\$0</b>	<b>\$552,083</b>

\*Identify reallocation sources in Table 3.

\*\*Includes recurring E&G funded costs ("reallocated base", "enrollment growth", and "other new recurring") from Years 1-4 that continue into Year 5.

\*\*\*Identify if non-recurring.

**Faculty and Staff Summary**

Total Positions (person-years)	Year 1	Year 5
Faculty	0.98	1.19
A&P	0	0
USPS	1	1

**Calculated Cost per Student FTE**

	Year 1	Year 5
Total E&G Funding	\$329,265	\$552,083
Annual Student FTE	2.97	11.83
E&G Cost per FTE	\$110,910	\$46,662

**C. Provide the number of master's theses and/or doctoral dissertations directed, and the number and type of professional publications for each existing faculty member (do not include information for visiting or adjunct faculty).**

As Table IX.1 shows, current faculty members involved with the Ph.D. program have published extensively in peer-reviewed journals and book chapters as well as invited publications; most faculty members have also published books. The external consultants state in their report that the department currently has an accomplished faculty who have acquired national reputations for their publications and who are qualified to sustain this new program.

Faculty members also have ample experience in supervising graduate students. With the exception of the new Assistant Professor, they also have experience in supervising M.A. students and in one case, Ph.D. students. Furthermore, six faculty members have served as members on Ph.D. dissertation committees (not included in Table IX.1).

**Table IX.1. Thesis Supervision and Publications**

Faculty Name	Theses	Dissertations	Professional Publications	
			<i>Books</i>	<i>Articles and Chapters</i>
Robert Bledsoe	6	--	2	10
Thomas Dolan	--	--	--	1
Kerstin Hamann	4	--	4	49
Roger Handberg	26	--	9	163
David Houghton	40	3	4	15
Peter Jacques	3	--	3	22
Barbara Kinsey	9	--	--	9
Waltraud Morales	30	--	8	51
Philip Pollock	3	--	4	30
Houman Sadri	14	--	5	30
Bruce Wilson	2	--	2	33

*Note:* Thesis supervision includes those in progress during Fall 2010. Publications include those accepted for publication and forthcoming.

To mentor the new faculty member without experience in supervising graduate students, we will establish a process through which the junior faculty member will be actively encouraged to serve on M.A. thesis committees and then to direct M.A. theses. This will take place in the year prior to the beginning of the doctoral program and during Years 1 and 2 once the program is implemented. By the time the first cohort of students will enroll in dissertation hours, this faculty member will have gained sufficient experience in directing M.A. students to first serve on dissertation committees and subsequently direct a dissertation. All involved faculty members will thus be well equipped to guide Ph.D. students through the research and publication process.

The Department of Political Science currently has faculty expertise in several core areas of security studies. These areas include both traditional areas in Security Studies, such as decision making and foreign and defense policy, and newer areas, such as environmental security policy

and democratization. Furthermore, to provide a solid background for students who are specializing in specific geographic areas and need to be familiar with the politics of these areas, the department also offers expertise in several regions of the world. Currently, the following areas of strength exist within the departmental faculty: Political Psychology and Decision Making; Foreign Policy, Security Policy, and War; Space Policy and Security; International Environmental Security; Democratization and State Building; Political Violence, Extremism, and Revolution; and Area Studies (Latin America, Western Europe, Central Asia and Middle East). In addition, other faculty members can offer expertise in other areas for individual student supervision, as detailed at the end of this section.

### **Political Psychology of Decision-Making**

Decision making is a crucial area of concern in Security Studies as it assesses how leaders make decisions to enter or terminate conflicts, for example. In this area, Dr. David Houghton has particular research expertise in political psychology and decision-making in international relations. His publications in this area include *U.S. Foreign Policy and the Iran Hostage Crisis, Controversies in American Politics and Society* (co-authored with David McKay and Andrew Wroe), *Political Psychology: Situations, Individuals, and Cases* and *The Decision Point: Six Cases Studies in American Foreign Policy Decision-Making* (forthcoming). He has published articles on political psychology of decision making, foreign policy, and international security in journals such as the *British Journal of Political Science, Political Psychology, Security Studies, Terrorism and Political Violence, Policy Sciences, Foreign Policy Analysis, International Studies Review, Peace and Conflict* and *International Politics*. He has also taught at the Universities of Pittsburgh and Essex, and from 2001 to 2002 was a Visiting Scholar at the Mershon Center for International Security Studies at the Ohio State University. Dr. Houghton supervised several PhD students to completion while a faculty member in the United Kingdom. In addition, Dr. Thomas Dolan recently joined the Department of Political Science from the University of Rochester, having earlier completed his Ph.D. in the area of International Security at the Ohio State University. His primary interests and research expertise lie in the study of the psychology of conflict, and foreign policy decision-making. He is the author of several articles, including "Personifying the State," recently published in *Political Psychology*.

### **Foreign Policy, Security Policy, and War**

Dr. David Houghton's expertise in political psychology finds application in his research on American foreign policy, foreign policy analysis, and international security; he has published widely in these areas both in books and journal articles. Dr. Thomas Dolan has research interests and expertise in the study of war as well as in the area of foreign policy decision-making, which frames much of his emerging research agenda as a young scholar. Dr. Robert Bledsoe also has a particular interest in U.S. defense policy. Dr. Roger Handberg has published in the area of American Security Policy, especially on defense budgeting. His research is widely published including in the *Journal of Strategic Studies* and in *Armed Forces and Society* (co-authored with Robert Bledsoe).

### **Space Policy and Security**

Several faculty members have extensive research interests and expertise in the area of space policy and security. Within this area, Dr. Roger Handberg focuses on International Space Policy

and Military Space Policy. His published research in this area includes a series of articles on military crewed spaceflight and books on the militarization of space and ballistic missile defense. Articles related to military activity in outer space appeared in *Joint Forces Quarterly*, *Defense Analysis*, and *Space Policy*. Additionally, he has published with several Chinese graduate students regarding Chinese Space and Technology policy and written a book on the Chinese Space Program. Other current work involves the dual-use aspects of space technologies and the issues that arise through the process of technology transfer both in relation to China and more generally in discussion of International Traffic in Arms Regulations and their impact on American security and economic competitiveness. All of these research foci tie into the question of the role of technology in security studies both domestically and internationally. In addition, Dr. Robert Bledsoe has a special interest in international and space law and has previously held positions in military intelligence. He has taught security-related topics at UCF for over three decades. He is currently Professor Emeritus and a Lecturer in the Department of Political Science.

### **International Environmental Security**

Within this area, two faculty members have particularly focused on water as a security issue, which forms a crucial aspect of “new” issues in Security Studies. Dr. Peter Jacques (International Environmental Policy and Security) is the author of *Environmental Skepticism: Ecology, Power and Public Life*, *Globalization and the World Ocean*, *Ocean Politics and Policy: a Reference Handbook* (with Zachary Smith) and *Sustainability: The Basics* (forthcoming). His dissertation addressed environmental security. Two of his published books consider the implications of ocean management on various kinds of environmental and traditional international security. In addition, he has published in the area of environmental theory, sustainability, political economy, and science and society, all of which bear upon the study of environmental security. Dr. Bruce Wilson’s recent and ongoing research focuses on water rights in less developed countries. Conflicts concerning water rights have occurred in Latin America but also in other regions, such as the Middle East. Increasingly, courts are taking a prominent role in deciding these disputes. Dr. Wilson’s ongoing collaborative, international project combines quantitative and qualitative comparative data to analyze the intervention of courts in conflicts over water. In particular, it assesses the effect of a rights-based approach to water on the various dimensions of human development including questions of community and national security.

### **Democratization and State Building**

Several faculty members have research expertise in issues of democratization and democratic stability. Dr. Kerstin Hamann has published extensively on democratization processes in Southern Europe and the significance of negotiated agreements for democratic transitions. Her publications in this area include *Institutional Development: Spain in Comparative Theoretical Perspective* as well as numerous journal articles and book chapters. Her expertise also includes questions of worker mobilization and organization during democratic transitions. Her book *The Politics of Industrial Relations: Labor Unions in Spain* (forthcoming) focuses on the significance of the democratization process for the organization of class conflict and economic policies. She also studies the causes for and effects of multi-level governance for democratization and stable government. Dr. Barbara Kinsey similarly has research expertise in democratization processes in Western Europe, both in early democracies in Northern Europe and younger democracies in

Southern Europe, and her work in this field has been published in numerous journal articles. Dr. Bruce Wilson's recent research, published as *Courts and Power in Latin American and Africa*, assesses the role of courts in stabilizing new democracies in less developed countries. Dr. Houman Sadri studies state building and democratization in the new states in the Caspian Sea region.

### **Political Violence, Extremism, and Revolution**

Dr. Waltraud Morales focuses on areas in Security Studies that address the fields of International Drug Policy and Political Violence and Revolutions, particularly in Latin America. Her published research includes *A Brief History of Bolivia*, *Bolivia: Land of Struggle*, and *Human Rights: A User's Guide*. She is also the author of numerous articles with an international security focus, including work in the journal *Military Review*. Her interests in this area also include the specific security issues of Peacekeeping, Human Rights, Intervention, Insurgency, International Drug Policy, Resource Scarcity and Third World Development, and Andean and Bolivian Politics, especially Indigenous Populism, Resurgence and Social Movements. Dr. Barbara Kinsey's recent and ongoing research in this field analyzes rightist extremism as well as the effects of integration of immigrants in Western Europe, where political violence is frequently related to immigration processes and extreme right reactions to these processes. Rightist extremism in Western Europe has also led to the threat of international sanctions, for example in Austria, to prevent democratic stabilization and international conflict. Dr. Houman Sadri (Middle East, Central Asia) has research published in the area of revolutions in his book *Revolutionary States: Leaders and Foreign Relation*. Dr. Roger Handberg's early research also centered on political violence, and resulted in several publications. Dr. Kerstin Hamann's ongoing research assesses the causes and effects of worker mobilization through general strikes on democratic governments.

### **Area Studies**

In order to provide Ph.D. students with the necessary expertise in international and comparative politics that provides the background for their more specialized analysis of security issues, a thorough grounding in areas studies is indispensable. The department has a range of faculty that are specialists in several geographic regions of interest for the Ph.D. program.

*Latin America:* Dr. Waltraud Morales and Dr. Bruce Wilson both have extensive research expertise in Latin American and Central American politics, including indigenous people, social movements, political economy, political parties, the judiciary, as well as human rights and development. Dr. Morales also has expertise on international politics and international relations of Latin America. All these areas are central for questions of democratic stability.

*Western Europe:* Dr. Kerstin Hamann and Dr. Barbara Kinsey have extensive research and publication expertise in West European politics. Their areas of interest concern political behavior, democratization, political parties, electoral systems, interest groups, and decentralization. Dr. Hamann's publications in this field include *Parties, Elections, and Policy Reforms in Western Europe: Voting for Social Pacts and Democracy*.

*Middle East and Central Asia:* Dr. Houman Sadri has numerous publications on politics in the Middle East and Central Asia, including *Global Security Watch—The Caucasus States* (2010). His current research in this area will be published as *The Caspian States in the 21<sup>st</sup> Century*.

## Research Methods

Ph.D. students will need to get advanced training in research methods. Current faculty members have both published on research methods and are also applying a wide array of research methods in their own research and publications. Dr. Philip Pollock specializes in the teaching of advanced empirical methods. In his major research articles, he has employed confirmatory factor analysis, structural modeling, and MLE techniques, in addition to standard OLS regression. In addition, he is an expert in the use and instruction of IBM SPSS Statistics and Stata data analysis software. Two of Pollock's methods books, *An SPSS Companion to Political Analysis* and *A Stata Companion to Political Analysis*, have been widely adopted in the discipline. The *Stata Companion*, in particular, is widely used in graduate methods courses in political science. Dr. Barbara Kinsey is trained in the use of advanced statistical procedures, including spatial (or geographic) analysis techniques that are employed in international relations and security research. Several faculty members have widely employed advanced qualitative analyses, including case studies and institutional analyses.

## Additional Faculty Resources

The three new hires for this program will make an additional core contribution in research and teaching for the Ph.D. program. Further, additional faculty members not listed in the tables are available to provide resources, guidance, and individualized study. Dr. Stephen Sloan, an internationally known expert on terrorism, is the Lawrence J. Chastang Distinguished Professor of Terrorism Studies in the Office of Global Perspectives at UCF and a member of the Department of Political Science. He will be able to offer a seminar on Intelligence and also offer student supervision. Dr. Terri Fine has additional expertise in Political Psychology and the Politics of Gender. Students interested in these fields can benefit from this expertise as applied to security issues. Dr. Dwight Kiel has experience in supervising Ph.D. students and can serve as a mentor to other faculty members in the process. Dr. Myunghye Kim offers additional area studies expertise in Western European and Asian politics. Dr. Drew Lanier offers additional resources in quantitative methodology. Dr. Kurt Young has expertise in African and Caribbean politics.

- D. Provide evidence that the academic unit(s) associated with this new degree have been productive in teaching, research, and service. Such evidence may include trends over time for average course load, FTE productivity, student HC in major or service courses, degrees granted, external funding attracted, as well as qualitative indicators of excellence.**

Tenured and tenure-earning faculty members in the Department of Political Science have been productive in teaching, research, and service, and are well qualified to participate in the degree program.

The teaching productivity of the department at the graduate level is demonstrated in Table IX.2, which summarizes trends in total and graduate student credit hours (SCHs) over the past five years. The data show a high level of productivity as well as a pattern of significant growth. From Fall 2005 to Fall 2009, the total number of graduate students increased from 42 to 65, an increase of over 50 percent. SCHs and FTEs show similar growth patterns. The number of graduate degrees awarded has likewise increased from 9 in AY 2005-06 to 15 in AY 2008-09.

**Table IX.2. Graduate Student Enrollment Credit Hour Production, Fall 2005-2009**

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Headcount	42	49	63	66	65
FTE Grad	22.6	25.8	28.3	27.8	22.2
FTE Thesis	3.4	2.3	4.9	5	5.3
SCH Grad	271	309	339	333	246
SCH Thesis	11	27	59	60.5	69

During spring and fall terms, the department regularly offers between four and seven graduate seminars per semester, in addition to independently supervised instruction (directed research, independent studies, and thesis hours). All tenure-earning and tenure-track faculty have been involved in graduate instruction in the growing master's program. The department also has a record of outstanding teaching. Two faculty members (Dr. Kerstin Hamann and Dr. Bruce Wilson) have received a university-wide teaching award; twelve faculty members have received other teaching awards.

In the area of research, one faculty member (Dr. Roger Handberg) has been awarded two university-wide research awards and two college-level research awards; another faculty member (Dr. Kerstin Hamann) also received a college-level research award. Two faculty members served as editors of peer-reviewed journals (Dr. Waltraud Morales and Dr. Bruce Wilson); eight faculty members serve or have served on the editorial boards of prominent journals in the discipline. Several faculty members have received "best paper" awards for research presented at national and international conferences; one was awarded a "best article" award for an article published in an international journal. Three faculty members (Dr. Kerstin Hamann, Dr. Philip Pollock, Dr. Bruce Wilson) have each received two university-wide Scholarship of Teaching and Learning awards.

External funding for the Political Science Department since 2007 amounts to approximately \$1.9 million as recorded by UCF's Office of Research and Commercialization, split among the following faculty members (amounts listed with splits): Doug Dobson: \$1,276,956; Terri Fine: \$411,665; Aubrey Jewett: \$81,718; Drew Lanier: \$138,227.

Faculty members have also been awarded grants previously, additional grant monies not recorded by the Sponsored Research as PI or Co-PI (including grants from foreign organizations not channeled through UCF and smaller research and travel grants), or have been included as participants in external grants not channeled through UCF. These granting agencies include the NSF, the British Economic and Social Research Council, the British Academy, the American Political Science Association, the Norwegian Research Council, the Spanish Ministry of Science and Innovation, the U.S. Election Assistance Commission, the Jacob and Libby Goodman Institute, the Pew Foundation, the Canadian Embassy, Fulbright, USAID, the Florida Center for Solid and Hazardous Waste Management, and the Kuwait Environmental Protection Authority (Kuwait), among others. These grants have sponsored research on a multitude of projects. For example, Peter Jacques' involvement in an NSF grant has produced research on the social oceanography of top oceanic predators; Bruce Wilson's role as a co-PI in grants from the Norwegian Research Council (US\$ 2 million) has resulted in a book and several articles on the role of Supreme Courts in less developed countries in Latin America and Africa in holding

governments accountable when they overstep their constitutional mandate; Houman Sadri's grant from the Kuwait Environmental Protection Agency has facilitated research on Kuwait Participation in International Environmental Conventions; Kerstin Hamann's role as a co-director of a grant from the British Economic and Social Research Council (US\$ 200,000) has resulted in a book on governments' strategies in implementing welfare state reforms in Western Europe; her current grant (as the international collaborator) from the British academy investigates social peace and general strikes in Western Europe; Terri Fine and Doug Dobson's grants (through the Lou Frey Institute) have produced applied research on civic health in Florida as well as research reports on civic education in Florida; Philip Pollock and Bruce Wilson's (co-PIs) on a Pew Foundation grant has sponsored research on the effectiveness of online learning.

Faculty research is widely cited. A 2003 benchmarking study conducted by UCF's College of Arts and Sciences revealed that the Political Science Department fared well in comparison with Ph.D. programs nationwide: Productivity (number of publications) was above half of Ph.D. departments while the impact factor lay within the top 25 percent of Ph.D. departments. The department has thus a long-standing and established record of excellence in research that compares favorably with that of Ph.D. programs nationally. These data on the research productivity and impact underscore the readiness of the existing faculty to offer a Ph.D. program. Faculty members involved in the proposed Ph.D. program have remained research active and productive over the last three years (2006-2010, including accepted and forthcoming publications), as evidenced by Table IX.3.

**Table IX.3 Average Number of Publications per Faculty Member per Year, 2006-2010**

<b>Faculty Name</b>	<b>Professional Publications</b>	
	<i>Books</i>	<i>Articles and Chapters</i>
Robert Bledsoe*	--	--
Thomas Dolan	--	0.3
Kerstin Hamann	1.3	8.3
Roger Handberg	0.7	2.3
David Houghton	0.7	3.3
Peter Jacques	0.7	4.0
Barbara Kinsey	--	2.3
Waltraud Morales	0.3	1.7
Philip Pollock	1.0	2.7
Houman Sadri	1.3	4.0
Bruce Wilson	0.3	4.7

*\*note:* Robert Bledsoe is Professor Emeritus and Lecturer; thus, he is not expected to be research-active at this point. Thomas Dolan is a recent Ph.D. and will start as an Assistant Professor in spring 2011. Publications include those that are accepted for publication and forthcoming, or under contract for books.

In the area of service, the department has demonstrated leadership at the university. Four faculty members (Drs. Terri Fine, Aubrey Jewett, Kerstin Hamann, Bruce Wilson) have received university-wide Service awards; two (Drs. Terri Fine and Roger Handberg) have received University Academic Advising Awards.



Faculty members have also assumed leadership positions in the discipline in professional associations at the state, national, and international level. One faculty member was appointed as chair for a standing committee of the American Political Science Association and nominated to serve on the association's Council, the highest governing body; several faculty members have served as officers in APSA sections. Several faculty members have served as president of the Florida Political Science Association and as section chairs for conferences at the state, regional, national, and international level. The existing faculty members thus extensively engage in professional service at all levels and are well connected in the discipline.

## **X. Non-Faculty Resources**

- A. Describe library resources currently available to implement and/or sustain the proposed program through Year 5. Provide the total number of volumes and serials available in this discipline and related fields. List major journals that are available to the university's students. Include a signed statement from the Library Director that this subsection and subsection B have been reviewed and approved for all doctoral level proposals.**

The UCF Library has completed a recent report assessing current holdings showing “that the library has adequate book collections to support this program” and some additional databases would strengthen the library's ability to support the program (Appendix II.9). This assessment compared Library of Congress subject headings related to Security Studies at the University of Central Florida to those at Tufts University, George Washington University, and Georgetown University (see Appendix II.10). Each of these institutions has a well-established Ph.D. program concentrating on Security Studies or a related field.

Concerning holdings for monographs, the report shows that UCF currently owns 33,458 volumes in relevant fields, approximately the same as George Washington (32,584 volumes) and Georgetown (36,271 volumes) and significantly higher than the holdings at Tufts (16,863). Table X.1 details the holdings for fields related to Security Studies at UCF and the three benchmark institutions.

**Table X.1. Library Holdings in Political Science and Security Studies**

<b>Keyword</b>	<b>UCF</b>	<b>Tufts</b>	<b>George Washington</b>	<b>Georgetown</b>
Bioterrorism	383	213	347	425
Chemical Terrorism	164	87	183	153
Comparative Law	531	502	853	881
Criminal Justice Administration	3810	933	1727	2260
Criminal Law	3908	1013	2236	2934
Criminology	1148	501	706	767
Crisis Management	834	370	1153	832
Genocide	698	632	928	1139
Industrial Management	5831	1421	5012	4929
Maritime Terrorism	64	58	85	72
Narco-Terrorism	15	9	17	19
Nuclear Terrorism	319	255	456	410
Oklahoma City Bombing	35	16	38	31
Peace Treaty	732	350	844	851
Political Science	6,880	6,266	10,000	11,272
September 11, 2001	842	487	1117	1052
Social Pathology	99	59	114	63
Terrorism	5596	3560	6249	7709
Transportation & Communications	1569	131	519	472
<b>Total</b>	<b>33458</b>	<b>16863</b>	<b>32584</b>	<b>36271</b>

Concerning journals, the library report states that the major journals in the field of international security, international relations, and comparative politics are currently available at the UCF Libraries. They include:

- *Arms Control Today*
- *Asian Security*
- *Asian Studies Review*
- *Bulletin of the Atomic Scientists*
- *Central Asian Survey*
- *Comparative Political Studies*
- *Comparative Politics*
- *Defense and Security Analysis*
- *European Journal of International Relations*
- *European Security*
- *Foreign Affairs*
- *Foreign Policy*
- *Foreign Policy Analysis*
- *Intelligence*
- *Intelligence and National Security*
- *International Security*
- *International Organization*
- *International Studies Quarterly*
- *Journal of Conflict Resolution*
- *Journal of Development Studies*
- *Journal of Human Rights*
- *Journal of Latin American Studies*
- *Journal of Peace Education*

- *Journal of Slavic Military Studies*
- *Journal of Strategic Studies*
- *Latin American Research Review*
- *The Military Balance*
- *Nonproliferation Review*
- *Peace Review*
- *Peace and Conflict*
- *Review of International Studies*
- *Science and Global Security*
- *Security and Defense Studies Review*
- *Security Studies*
- *Strategic Analysis*
- *Studies in Conflict and Terrorism*
- *Survival*
- *Terrorism and Political Violence*
- *West European Politics*
- *World Politics*

The library report and confirms that at the time of this proposal, the library has adequate collections to support the proposed Ph.D. and that the library compared favorably to the chosen peers.

Concerning databases, the library subscribe to the following online databases that provide indexing and some full text access to materials relevant to this program:

- CIAO: Columbia International Affairs Online
- LexisNexis Academic
- LexisNexis Congressional
- LexisNexis Statistical Insight
- Military & Government Fulltext
- PAIS International.
- SAGE Journals Online
- Taylor & Francis Journals
- Worldwide Political Science Abstracts

In addition, as a participant in the Federal Depository Library Program, the UCF Libraries provide print and online access to much of the information from relevant federal agencies, including Congress, the Executive Office of the President, and the departments of Defense, Homeland Security, Justice, State, Transportation, and Treasury. Federal depository access is also provided to the online resources of the Homeland Security Digital Library of the U.S. Naval Postgraduate School.

Other Available Resources include:

- Terrorism: Special Studies (1975-1995) – 117 reels of microfilm
- World Development Indicators

The UCF Libraries' subscription to EBSCOhost Business Source Premier currently provides access to the following reports:

- Political Risk Yearbook
- CountryWatch's Country Reviews
- Datamonitor Country Profiles
- OECD Economic Surveys

These existing databases will be supplemented by the acquisition of additional databases, as detailed in section B, below.

**B. Describe additional library resources that are needed to implement and/or sustain the program through Year 5. Include projected costs of additional library resources in Table 3.**

The library projects that this program will need the following investments to be made over the first five years for books, journals and databases appropriate to security studies:

First year (2013-14): \$51,431

Second year (2014-15): \$16,180

Third year (2015-16): \$17,235

Fourth year (2016-17): \$15,374

Fifth year (2017-18): \$16,603

All of these expenses will be paid by the department, except for \$5,000 per year for the first three years contributed from the College of Sciences (see Table III.1).

Table X.I confirms that the library has adequate monograph collections to support this proposed Ph.D. and that the library compared favorably to the chosen peers. Previous financial support for the UCF Libraries has resulted in a continued emphasis on print monographs, the foundation of a strong research library. The above analysis reflects that emphasis. However, the strides that have been made in the past decade to improve the collection at UCF are in jeopardy and current year funding levels will not permit the library to purchase any new materials in support of this program, and the expectations for 2010/2011 – 2011/2012 are not encouraging. Budget cuts combined with inflation have resulted in large reductions in the number of new monographs purchased across all disciplines. In addition, the library may cancel journals and databases in order to meet the university wide budget cuts.

The recommendation is that \$3,000 per year for the next three years be allocated to acquire books when the anticipated library budget will not support the purchase of new materials for this program. The proposed budget for library expenses will be used to offset this trend and ensure that the print monograph collections to support the Ph.D. program will remain current and comprehensive (see Appendix II.10).

**Comparison to Peer Institutions – Databases**

An examination was made of the online resources available at the same three benchmark universities. The UCF Libraries already subscribe to many of the core databases available at those institutions while others are not currently available at UCF. The following three databases have been identified as priority needs for strengthening the library resources in support of the proposed program.

- National Security Archive – “a repository of government records on a wide range of topics pertaining to the national security, foreign, intelligence, and economic policies of the United States.” – one-time purchase price of \$47,567 and a recurring annual access fee of \$864 + 8% inflation annually. Some of the 35 collections focus on historical coverage, e.g., The Berlin Crisis, 1958-1962, but approximately one-third are more directly relevant to the proposed program, e.g., The History of the National Security Agency 1945-2009.
- World News Connection – “an online news service, that offers an extensive array of translated and English-language news and information. Particularly effective in its coverage of local media sources, WNC provides you with the power to identify what really is happening in a specific country or region. Compiled from thousands of non-U.S. media sources, the information in WNC covers significant socioeconomic, political, scientific, technical, and environmental issues and events.” – recurring annual subscription of \$9,180 +8% inflation annually.
- Armed Conflict Database (ACD) – from the International Institute for Strategic Studies, the ACD “is an authoritative online source of data and provides independent analysis on current and recent conflicts.” – recurring annual subscription of \$2,160 + 8% inflation annually.

It is anticipated that these three databases will also be heavily used by the students and faculty in the undergraduate and master’s programs in political science. Other UCF programs that would directly benefit from access to the Armed Conflict Database and National Security Archives include criminal justice, public administration, public affairs, and history. Although the heaviest use of World News Connection would most likely be the undergraduate and graduate students and faculty in political science, the content is relevant to most other disciplines looking for international and cross-cultural information.

The recommendation is that National Security Archive be purchased in 2012 and that subscriptions to World News Connection and Armed Conflict Database begin in 2013. However, for the subscriptions to continue beyond the initial three years the overall library budget would need to be increased to absorb the recurring costs.

New Database Costs:

- One-time costs: \$47,567
- Recurring costs: \$12,204 + 8% inflation annually

The inflation costs for database subscriptions have historically been between 6 and 10%. In the budget proposed at the beginning of this report a factor of 8% has been applied to subsequent years (see Appendix II.10).

### **Future Considerations:**

Although the following two databases provide coverage across many UCF disciplines, it is anticipated that they would be most heavily used by the undergraduate and graduate students and faculty in political science and would provide strong support for the proposed program. Subscriptions to both databases should be a top priority for university funding in the future.

- OECD iLibrary: Books, Papers, and Statistics (formerly Source OECD) – “contains all the publications and datasets released by OECD (Organisation for Economic Cooperation and Development), International Energy Agency (IEA), Nuclear Energy Agency (NEA), OECD Development Centre, PISA (Programme for International Student Assessment), and International Transport Forum (ITF) since 1998” – recurring annual subscription of \$18,600.
- PolicyFile – “a unique resource for U.S. public policy research. Users are able to access timely, updated information from over 350 public policy think tanks, non-governmental organizations, research institutes, university centers, advocacy groups, and other entities” – recurring annual subscription of \$3,087.

As the proposed PhD program grows and develops more specific research concentrations, the following databases from the peer institution comparison list should be evaluated for additions as UCF subscriptions:

- Access UN
- Access World News
- American Bibliography of Slavic & Eastern European Studies (ABSEES)
- Bibliography of Asian Studies Online
- China Data Online
- CQ Homeland Security
- Europa World Plus
- FBIS Daily Reports, 1974-1996
- Global Development Finance (GDF) Online
- Hein Online
- Index Islamicus
- International Security & Counter-Terrorism Reference Center
- Jane’s Intelligence Centres
- LexisNexis Statistical DataSets
- Middle Eastern & Central Asian Studies
- MideastWire.com
- War & Terrorism Collection
- World Bank eLibrary

  
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**C. Describe classroom, teaching laboratory, research laboratory, office, and other types of space that are necessary and currently available to implement the proposed program through Year 5.**

Most courses will require a “smart” seminar room, equipped with multi-media access. These types of classrooms are readily available in teaching facilities across campus. To limit the need for classroom space in other buildings, the department is planning on converting its conference room (Phillips Hall 305G) into a graduate seminar room, equipped with a computer and projection system. The Political Science Department will pursue a UCF Technology Grant to cover the cost of this conversion and will be aided by the College of Science Technology Office in this effort. Research methods courses will need to be taught in a classroom equipped with computers and statistical software packages. Political Science currently has access to two classrooms that have the necessary equipment: the computer labs in PH 409 and PH 310, which have been remodeled to serve as teaching labs and are jointly used with the Sociology department. The computers are already equipped with the necessary software for statistical and GIS analysis (including SPSS, Stata, ArcGIS-ArcInfo). Students will also have access to the labs to conduct their work outside of class time. The existing computer labs within the Political Science Department are sufficient for the needs of the Ph.D. program.

There will be a need for additional graduate student offices. The department will gain office space with the planned move of the Lou Frey Institute to the UCF Research Park, which will free up two large offices to be used as shared spaces by graduate students. New faculty hires will move into existing office space that will become vacant in 2011 due to the resignation of a current faculty member. One existing office, designated for the Kurdish Studies Chair (to be hired), will be divided to create one additional office. This will create sufficient space to accommodate the graduate program’s need through Year 5 for both faculty and graduate students.

The department support staff has sufficient office space to accommodate the Graduate Program Assistant and the graduate student files.

- D. Describe additional classroom, teaching laboratory, research laboratory, office, and other space needed to implement and/or maintain the proposed program through Year 5. Include any projected Instruction and Research (I&R) costs of additional space in Table 2. Do not include costs for new construction because that information should be provided in response to X (J) below.**

No space in addition to what is listed in X.C is needed.

- E. Describe specialized equipment that is currently available to implement the proposed program through Year 5. Focus primarily on instructional and research requirements.**

All Political Science faculty members are provided with computer equipment and software to cover their research and teaching needs. Both computers and software are regularly upgraded. No additional specialized equipment is needed.

- F. Describe additional specialized equipment that will be needed to implement and/or sustain the proposed program through Year 5. Include projected costs of additional equipment in Table 2.**

No additional specialized equipment is needed.

**G. Describe any additional special categories of resources needed to implement the program through Year 5 (access to proprietary research facilities, specialized services, extended travel, etc.). Include projected costs of special resources in Table 2.**

No additional special categories of resources are needed.

**H. Describe fellowships, scholarships, and graduate assistantships to be allocated to the proposed program through Year 5. Include the projected costs in Table 2.**

Note: As listed in Table 1-B in section II.D, in addition to the full-time students listed above, we also anticipate 2 part-time students enrolling in Year 4 and two part-time students enrolling in Year 5. No funding will be provided for part-time students.

Students will enter the program with a Master’s degree in hand and are expected to complete the Ph.D. degree in three years, which includes one year of coursework primarily in general areas of Security Studies, one year of specialized coursework including dissertation research, and one year to complete the dissertation. All full-time students will be funded. We will offer a stipend for Ph.D. students of \$17,000 per year (3 semesters – summer, fall, spring), which is competitive with stipends offered by comparable Ph.D. programs at other public institutions. For example, Political Science Ph.D. programs at FSU and UF offer an annual stipend of \$17,000 and 11,550, respectively; other Political Science Ph.D. programs with a focus on Security Studies offer \$22,000 (George Washington) and \$18,580 (Georgetown). Political Science Ph.D. programs at other four-year, public research institutions offer an annual stipend of \$18,000 (Minnesota), or \$15,000 (Connecticut). Students’ tuition will be covered by waivers from the Graduate College and by tuition payments of in-state tuition by the College of Sciences and by the Department of Political Science. Table X.2 details the number of admissions, headcount, and funding source.

**Table X.2: Number of Admissions, Headcount, Funding Source, Years 1-5**

Year	Admissions				Completes	Headcount	HC-Funded
	College Funded	Program Funded	Total FT (Funded)	PT* (No Funding)			
1	2	3	5		5	.	5
2	2	3	5		5	.	10
3	2	3	5		5	.	15
4	2	3	5	2	7	5	17
5	3	3	6	2	8	5	20

Funding is provided for all full-time students by the College of Sciences and the Department of Political Science. Table X.3 shows the total funding as well as funding provided by the College of Sciences and the Department of Political Science.



**Table X.3 Total Student Support, COS Student Support, Department Student Support**

<b>Total Student Support</b>					
	AY 2013-14	AY 2014-15	AY 2015-16	AY 2016-17	AY 2017-18
Tuition	\$ -	\$ 31,201.80	\$ 72,256.80	\$ 70,614.60	\$ 67,001.76
Stipend	\$ 85,000.00	\$ 170,000.00	\$ 255,000.00	\$ 255,000.00	\$ 272,000.00
<b>Total</b>	<b>\$ 85,000.00</b>	<b>\$ 201,201.80</b>	<b>\$ 327,256.80</b>	<b>\$ 325,614.60</b>	<b>\$ 339,001.76</b>

<b>College Commitment</b>					
	AY 2013-14	AY 2014-15	AY 2015-16	AY 2016-17	AY 2017-18
Tuition* (SU/FA/SP)	\$ -	\$ 31,201.80	\$ 72,256.80	\$ 70,614.60	\$ 67,001.76
Stipend**	\$ 40,000.00	\$ 80,000.00	\$ 120,000.00	\$ 120,000.00	\$ 137,000.00
<b>Total</b>	<b>\$ 40,000.00</b>	<b>\$ 111,201.80</b>	<b>\$ 192,256.80</b>	<b>\$ 190,614.60</b>	<b>\$ 204,001.76</b>

\*5 waivers/year from Graduate College (using 3 existing ones from the MA in Political Science and 2 additional to the Ph.D. program), providing waivers for 5 in 1st year cohort, and 5 in 4th year cohort

\*\*additional COS support to program to raise department stipend to \$17K

<b>Department Commitment</b>					
	AY 2013-14	AY 2014-15	AY 2015-16	AY 2016-17	AY 2017-18
Stipend @15K	\$ 45,000.00	\$ 90,000.00	\$ 135,000.00	\$ 135,000.00	\$ 135,000.00

Tuition costs have been calculated at \$328.44 per credit hour; Table X.4 lists the number of credit hours by year. Assistantship stipends are set at \$17,000 per year per student. Table 2 (identified earlier in this section) establishes the cost of assistantships and fellowships for Year 1 as \$85,000 and for Year 5 as \$339,002. A detailed description of the composition of these costs follows.

**Table X.4. Admissions and Credit Hours Years 1-5**

<b>Admissions Hrs/Yr for Tuition (SU/FA/SP)</b>					
<i>Admissions</i>	AY 13-14	AY 14-15	AY 15-16	AY 16-17	AY 17-18
5	19	25	18		
5		19	25	18	
5			19	25	18
5				19	25
6					19

For Year 1, five funded, full-time students will be admitted. Of those, three will receive a university tuition waiver that is currently allocated to the Political Science M.A. program and will be shifted to the Ph.D. program. Two students will receive a university tuition waiver provided by the Graduate College to the new program. The department will provide stipends at the rate of \$15,000 per student, which will be supplemented by the College of Sciences with an

additional \$2,000 to amount to a total of \$17,000 per student (for a total of \$45,000). The department will use \$8,000 per student from the current allocation to M.A. students and use \$21,000 from undergraduate enrollment growth money to fund the stipends. The College of Sciences will supply stipends to two students at the rate of \$17,000 each, funded from undergraduate student enrollment growth.

For Year 2, five new full-time, funded students will be admitted for a total headcount of 10. COS will provide tuition for the five new admits and stipends (\$17,000 per student) for two new admits. The department will again provide stipends at the rate of \$15,000 per student for three students, which the College will supplement with \$2,000 per student for a total stipend of \$17,000 per student. Funds from the College and the department will be produced by undergraduate student enrollment growth. Students admitted in Year 1 will continue to receive university tuition waivers and their stipends will be funded as in Year 1.

For Year 3, five new full-time, funded students will be admitted for a total headcount of 15. As with Year 2, COS will provide tuition for the five new admits and stipends (\$17,000 per student) for two new admits. The department will provide stipends at the rate of \$15,000 per student for three students, which the College will supplement with \$2,000 per student for a total stipend of \$17,000 per student. Funds from the College and the department will be produced by undergraduate student enrollment growth. Students admitted in Year 1 and Year 2 will continue to be funded as they were in the previous year.

For Year 4, five new full-time, funded students will be admitted; since students admitted in Year 1 will have completed their degree at that point, the total headcount of funded students will remain at 15. Year 4 admits will be funded the same way as Year 1 admits: three will receive a university tuition waiver that is currently allocated to the Political Science M.A. program and will be shifted to the Ph.D. program. Two students will receive a university tuition waiver provided by the Graduate College to the new program. The department will provide stipends at the rate of \$15,000 per student, which will be supplemented by the College of Sciences with an additional \$2,000 to amount to a total of \$17,000 per student (for a total of \$45,000). The department will use \$8,000 per student from the current allocation to M.A. students and use \$21,000 from undergraduate enrollment growth money to fund the stipends. The College of Sciences will supply stipends to two students at the rate of \$17,000 each, funded undergraduate student enrollment growth. In addition, two unfunded, part-time students will be admitted for a total headcount of 17 students in the program. Students admitted in Year 2 and Year 3 will continue to be funded as in the previous year.

For Year 5, six new full-time, funded students will be admitted; since students admitted in Year 2 will have completed their degree at that point, the total headcount of funded students will be 16. COS will provide tuition for the six new admits and stipends (\$17,000 per student) for three new admits. The department will provide stipends at the rate of \$15,000 per student for three students, which the College will supplement with \$2,000 per student for a total stipend of \$17,000 per student. Funds from the College and the department will be produced by undergraduate student enrollment growth. Students admitted in Year 3 and Year 4 will continue to receive funding as in the previous year. In addition, the program will admit two new, unfunded

part-time students who will be admitted for a total headcount of 20 students in the program.

Thus, funding for all full-time students is provided. It is expected that by the sixth year, the program will be able to support additional admissions and continuation of students from Year 5. This support will come from the continued enrollment growth at the undergraduate level and external funding opportunities. The program will actively pursue these additional funding opportunities for tuition and stipends, many of which may also be applied in Years 1 through 5. These include the following:

- Regional campus support provided for GTA assistantships to support large online sections (currently set at \$2,000 for enrollment caps of 75, with an additional \$500 for each increase in enrollment cap of 25 students). All of these funds are designated to support GTA assistantships
- External faculty research grants (C&G) that allow for graduate student funding
- University fellowships, such as the Trustees Doctoral Fellowship, the Presidential Doctoral Fellowship, and the Graduate Dean's Fellowship
- External fellowships, such as the McKnight Doctoral Fellowship, or dissertation fellowships from the National Science Foundation, the United States Institute of Peace (which has a special program for Ph.D. students, the Jennings Randolph Peace Scholarship Dissertation Program), the Ford Foundation, the Social Science Research Council, the Rockefeller Foundation, the National Endowment for the Humanities, and the Pew Charitable Trust. Students who need to spend time abroad to complete their studies are encouraged to apply for a Fulbright scholarship
- The Lou Frey Institute, housed in the Department of Political Science, has committed to provide some level of funding for Ph.D. students; however, at this time, the exact amount cannot be specified. Furthermore, Dr. Doug Dobson, the Director of the Lou Frey Institute, has committed to include funding for Ph.D. students in future grant applications to cover tuition and stipend
- Once established, the position of the Kurdish Studies Chair will bring with it funds to support Ph.D. students
- As outlined in Section III.D, the Lou Frey Institute has established initial contact with the Bob Graham Center to explore funding opportunities for Ph.D. students
- Given the applied character of the proposed Ph.D. program, it is likely that some applicants will be externally funded through their current employers

Thus, while full funding for all full-time students is provided for in the proposal, it is likely that additional funding sources will supply additional resources to support the program.

**I. Describe currently available sites for internship and practicum experiences, if appropriate to the program. Describe plans to seek additional sites in Years 1 through 5.**

Internships and practicum experiences are not central to the program though it will be possible for students to take up to six hours of elective credit as internship credit. The Political Science

Department has previously placed interns in all these sites listed and has an established internship relationship with these sites.

Potential internship sites in the Orlando area include the following sites:

- International Council of Central Florida (works under the auspices of the State Department on the international visitors program)
- World Trade Center Orlando
- UCF Office of Global Perspectives
- Department of Homeland Security - Immigration and Customs Enforcement Orlando;
- Secret Service Orlando
- Florida Attorney General Orlando office
- Florida State Attorney Orange/Osceola Counties
- Statewide District offices of U.S. Senators Bill Nelson and George LeMieux
- District offices of U.S. Congressional Representatives

Internship sites outside of the Orlando area include:

- United Nations (New York City)
- U.S. State Department (various D.C. agencies and various embassies overseas)
- Central Intelligence Agency
- US Secret Service
- Defense Intelligence Agency
- Environmental Protection Agency
- U.S. Justice Department
- White House
- U.S. House of Representatives (various offices and committees)
- U.S. Senate (various offices and committees)
- Heritage Foundation

**J. If a new capital expenditure for instructional or research space is required, indicate where this item appears on the university's fixed capital outlay priority list. Table 2 includes only Instruction and Research (I&R) costs. If non-I&R costs, such as indirect costs affecting libraries and student services, are expected to increase as a result of the program, describe and estimate those expenses in narrative form below. It is expected that high enrollment programs in particular would necessitate increased costs in non-I&R activities.**

No new capital expenditure is required.



The Mershon Center

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2602

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September 10, 2010

Patricia J. Bishop  
Vice Provost and Dean  
College of Graduate Studies  
Millican Hall, Suite 230  
University of Central Florida  
P.O. Box 160112  
Orlando, Fl. 32816-0112

Dear Dean Bishop,

We visited the UCF campus on August 25-26, 2010 to review the Department of Political Science's request to offer a new Ph.D. program in Security Studies. During our visit we met with the chair of the department, the faculty committee charged with the task of designing the program's curriculum, the director of the Lou Frey Institute of Politics and Government, and Dr. Peter Panousis, Dean of the College of Sciences at UCF. We also had a conversation with you as we learned more about U.C.F. and the Ph.D. program being considered. You asked us to prepare a report outlining our sense of the program's promise and giving to you whatever advice we might have. That report is what follows. It is organized around the eight questions you suggested were most important when analyzing the case for a new degree.

(1) Are the goals of the program aligned with the university's mission and strengths? Yes -- a program in security studies would advance the institution's goals for achieving greater international prominence in graduate study and research. It would also contribute in a very important way to the international focus on the curricula and research programs. The new program would build on the existing strengths of the University. For example, the new program's concentration in political psychology would complement the strong program in modeling and human simulation already underway at U.C.F. It would also enhance global perspectives which we understand is a institutional goal and contribute to partnerships with other institutions studying national security that are in both the military realm and in the private sector. The Department of Political Science has already established initial relationships of this type through its advisory board and many more are possible in both Florida and nationwide. In terms of the larger issue of whether this program might contribute to development in Florida, as we discuss below, the program will not only attract people of great potential to the state, but also could enhance UCF's participation in the growing need for national security professionals in

organizations that are in some instances located in Florida. Increasingly, the organizations and companies that work on national security-related matters have spread out and away from the Washington, DC area.

(2) Does the program's proposal provide evidence that it responds to earlier recommendations? Yes. Although this proposal does not follow an accreditation process, it does reflect more than a decade of planning and previous reports on what sort of program is most needed and best able both to make use of the Department's resources and to contribute to the University's mission. The external review of the Political Science Department in 2003-2004 reported that a Ph.D. program was crucially needed to cement the unit's reputation as a producer of high quality research and scholars. A subsequent White paper submitted in 2008-2009 to the Dean and Provost set the route for the development of the currently proposed PhD program.

(3) Is there an appropriate and sequenced order of study? Yes. The proposed PhD program requires a Master's Degree for admission and two years of additional coursework followed by the production of a doctoral dissertation. The admission standard is higher than many PhD programs in political science require and two years of coursework beyond the Master's degree is in line with very good programs elsewhere. The five core courses required cover the appropriate topics and make good sense. The proposed elective courses also cover the proper subject matter and are sufficiently numerous as to constitute a rigorous program. The range of elective courses proposed reflects the broad nature of the security studies field and gives the student an opportunity to have a comprehensive introduction. At the same time, for most students greater focus may be in order. We would recommend that students be encouraged to identify a topical area of special expertise and take several elective courses relevant to that area. The Department plans to allow students to take up to twelve hours of coursework outside the Department. We think that is a good idea. Security studies is an inherently multidisciplinary field and having a familiarity with a cognate discipline or even several makes sense.

(4) Is there a critical mass of faculty available? Yes. The current faculty plus the new senior hire that is already budgeted should be able to sustain the new program. The new senior hire will provide the capstone to the faculty talent already available and make the program feasible on a continuing basis. The resources committed by the Dean to this new position seem sufficient to hire a tenured colleague who can lead the program and connect it to partners in the academy and national security community. Nonetheless, the new program will tax the time and creative energy of the faculty involved with it, and the University may want to consider a second senior hire at some point early in the program. There are at least six of the nineteen faculty members in the Department that have relevant expertise and several others will be involved teaching methods and elective courses. By hiring a new senior colleague, the Department will secure an intellectual leader to anchor the program and manage the burden of the new PhD students. Teaching

and advising PhD students will elevate the research and national visibility of the faculty but does take time. The program will draw some of their time away from the Master's and Undergraduate program. There are enough faculty members in the Department to manage this additional burden and the new PhD students should be able to teach introductory courses after a year in the program. This is one of the significant benefits of requiring the new PhD candidates to enter with a Master's Degree already in hand.

(5) Are the library holdings sufficient and is there space available? Yes. The library resources seem more than adequate. Just as important as the volumes on hand is the online access to journals and other resources. Increasingly, the electronic and web-based abilities of any university are just as relevant as the physical holdings of the library itself, and U.C.F. is in reasonably good shape on these grounds; faculty and students in the program should have access to what they need. We did not see space that might be allocated to the program but it would seem rather little beyond already existing faculty offices and seminar rooms should be needed.

(6) Is there a need for more people educated in this program? Yes. In Florida, there are several other PhD programs in political science. In the United States there are many others. There are fewer PhD programs in Security Studies, and while many political science programs feature this specialization within their international relations field, many are also focused on the academic field of political science, rather than producing working national security professionals. Therefore, although there is probably not a need for a new PhD program in political science, there is the need for a program that focuses on Security Studies especially one as in this proposal that emphasizes this specific focus and career track by design.

The growth in jobs related to national security since 9/11 has been dramatic. The demand for expertise that the nation is currently in short supply of has become clear as the national security community within the Federal Government struggles to train and educate its work force. The military services and the civilian agencies have turned to the university system in the United States for expertise related to the numerous topics central to security studies. The *Washington Post* reportedly recently that there are now more than 950,000 Americans with top secret clearance to give just one indicator of the size of the potential market in the official government setting. (And again, this economic boom in the field has increasingly been spread across the entire country, including the Southeast, rather than completely concentrated in the DC-MD-VA area.) Of course, in a time of recession defense spending will likely shrink some as will most government programs but with more than \$650 billion devoted to this in FY 2010 there is a lot of room for continued employment.

One career route for PhDs is in teaching and research. The job market in the university setting is tight and the competition stiff, but there is a growing interest in

international affairs and security as globalization continues. The UCF faculty will need to work quite hard to place their PhD students in the academy but should be able to succeed over time. More likely in the short run will be jobs in the government and national security community that extend into the private sector all over the country. This is a second career route that is increasingly popular with students and the proposed program can be well positioned to launch students onto it.

In part, this is due to “degree inflation,” a phenomenon that is well established and with which today’s doctoral students must contend. To lead research teams in the best private sector firms or government agencies a Ph.D. has become necessary. It often is required and even when it is not the competition mandates it. Numerous jobs in the security studies domain that once only required a B.S. or B.A. as the entry level ticket now require a minimum of a Master’s Degree, with a Ph.D. now the standard requirement for leadership and the top analytic jobs. The starting salaries for Ph.D.s going into the private sector in this field are higher than those for assistant professors entering the academy. For instance, research and consulting firms like Booz Allan Hamilton or the Institute for Defense Analysis are more likely to start a new Ph.D. close to \$100,000 per year where in the academy salaries are likely to be 75% of that or maybe even less. The substantial salaries still available to many just graduated Ph.D.s in this field give another indicator of the continued robust nature of the demand and the still rather scarce supply.

(7) Does the proposal provide a realistic budget? Yes. The Dean of the College of Sciences has agreed to provide the resources needed to hire a new senior leader for this program, although again, it will be very desirable to hire a second senior hire in relatively short order. The necessary funds are also available for the office support that will be required. In addition, the College of Graduate Studies has made a reasonable number of graduate tuition fee waivers in place so that the program can grow over time. While UCF administrators expressed some concern over the trade-off between MA tuition waivers and the new waivers for the PhDs, we believe this is an acceptable and even desirable trade-off to launch the program. The stipend planned for these PhD students also is reasonably competitive and available.

(8) Is the academic unit associated with the new degree productive? Yes. The Political Science department has numerous colleagues with strong CVs that reflect success in publishing and teaching. The faculty most likely to be involved in the Security Studies Ph.D. program has published numerous books and articles on a variety of topics. They are an accomplished faculty who has the national reputation from their publications to sustain this new program. The new Ph.D. program is warranted by the faculty’s current status and will elevate it still higher in at least three ways, by pushing them to stay at the cutting edge, by providing talented researchers to work with, and by putting producing students who bring attention to their ideas and scholarship. The Department also has a large number of undergraduate majors and does a great deal of teaching. This is likely to increase overall as more PhD students are available to teach, although we



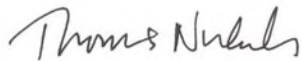
suspect a portion of the faculty will need to shift more of their attention to M.A. and Ph.D. students.

We hope this report helps you in your deliberation about the establishment of this proposed PhD program. We thank you for asking us for our opinion and advice and would be happy to answer other questions if you have them.

Sincerely,



Richard K. Herrmann  
Director, The Mershon Center for International Security Studies  
The Ohio State University



Thomas M. Nichols  
Professor, National Security Affairs  
United States Naval War College  
Fellow, International Security Program,  
JFK School of Government, Harvard University

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March 14, 2011

Dr. Tony Waldrop, Provost  
University of Central Florida  
PO Box 160065  
Orlando, FL 32816

Dear Tony:

This letter is to support the PhD program in Security Studies that is being proposed by the University of Central Florida. The UCF program focuses primarily on Security Studies. We have reviewed the proposal and find little overlap with our Political Science program at the University of Florida. The Security Studies program is much more narrowly focused on studies of terrorism, security, national interests and while some of these topics overlap with topics that we address in our Political Science program at UF, we do not think that this new program in Security Studies will compete for the same students or have the same mission as our program.

Sincerely,



Joseph Glover  
Provost and Senior Vice President