Master of Science in Security Management with a concentration in Emergency Planning and Response

The Emergency Planning and Response master's degree concentration is offered online at the University of Denver to meet the needs of busy adults and prepares current or aspiring emergency response professionals to effectively strategize and implement emergency plans. Graduates will learn to compare and contrast plans and responses to various events and disasters, as well as analyze leadership competence while plans are executed. As communication is key to effective emergency preparedness, degree seekers will take away strategies for effective communication, as well as mitigation, preparedness, response, and recovery.

Whether an emergency is natural or man-made, emergency preparedness is vital to ensure the least possible impact on the welfare of those affected. The Emergency Planning and Response master's degree concentration covers the strategic plan, the response, and the recovery process. Led by professional practitioners who work in the emergency planning and response field, classes focus on the integrated system at every stage of a disaster, examining the roles of emergency response teams, government agencies, businesses, and private citizens. Customize your Security Management master's degree through the innovative Professional Options Curriculum using our convenient online degree builder tool, which allows you to select courses that cater to your specific career needs.

This degree prepares students to

- Compare and contrast plans and responses to various types of events and disasters
- Analyze leadership competence and necessary leadership skills
- Develop and analyze strategies to implement team solutions
- Present a model of effective communication within an emergency response and planning structure
- Plan and report on strategies for mitigation, preparedness, response, and recovery
- Measure and evaluate the effectiveness of an emergency response and planning strategy

Security Management Outcomes

This program prepares students to

- Lead the strategic, planning, and management efforts of private and public sector organizations
- Evaluate and analyze emerging security issues, regulations, and threats
- Analyze financial implications of security programs and options
- Protect vital assets such as people, physical structures and equipment, intellectual property, and information, and maintain post-incident continuity of operations

Master of Science in Security Management with a concentration in Information Security

The Information Security master's degree concentration is offered entirely online at the University of Denver to meet the needs of busy adults. Pursuit an Information Security master's degree concentration from University College and be prepared to analyze security needs, provide effective solutions, and fill a critical niche in organizations. Students will examine practical issues such as setting up a secure network, securing servers, and handling information security incidents. The practical labs give Information Security master's degree students the hands-on experience they need using industry current security tools, effectively training students to apply lessons to real-world challenges.

Graduates are prepared for the security challenges presented across a variety of sectors as they undergo rigorous instruction from professional practitioners who work in information security. Degree seekers will learn to design secure applications, implement access controls, establish secure operations, and control physical security, all while using encryption, secure networks, and maintain business continuity. Become an indispensable expert in determining Return on Security Investment (ROSI) and develop security policies and procedures that protect your organization from internal and external threats. Customize your Security Management master's degree through the innovative Professional Options Curriculum using our convenient online degree builder tool, which allows you to select courses that cater to your specific career needs.

Security Management Outcomes

This program prepares students to
• Lead the strategic, planning, and management efforts of private and public sector organizations
• Evaluate and analyze emerging security issues, regulations, and threats
• Analyze financial implications of security programs and options
• Protect vital assets such as people, physical structures and equipment, intellectual property, and information, and maintain post-incident continuity of operations

**Master of Science in Security Management with a concentration in Organizational Security**

Earned entirely online, the Organizational Security master's degree concentration examines emerging security issues, regulations, and threats. Current and aspiring security management professionals will benefit from the Organizational Security master's degree concentration offered by University College, as students learn the key strategic, planning, and management skills needed to thrive in the security management industry through an examination of emerging security issues, regulations, and threats.

Classes are led by instructors who work in the fields in which they teach, offering security management degree-seekers valuable insight to the industry. Students will learn to implement strategies to protect vital assets such as people, physical structures and equipment, intellectual property, and information, as well as analyze financial implications of security programs and options. Organizational security professionals are fundamental cogs in the business world, as well as in the government, as they may function as a chief security officer, director of loss prevention, director of security, security consultant, investigator, firefighter, or police officer. Customize your Security Management master's degree through the innovative Professional Options Curriculum using our convenient online degree builder tool, which allows you to select courses that cater to your specific career needs.

This degree prepares students to

• Lead the strategic, planning, and management efforts of private and public sector organizations
• Evaluate and analyze emerging security issues, regulations, and threats
• Analyze financial implications of security programs and options
• Protect vital assets such as people, physical structures and equipment, intellectual property, and information, and maintain post-incident continuity of operations

**Security Management Outcomes**

This program prepares students to

• Lead the strategic, planning, and management efforts of private and public sector organizations
• Evaluate and analyze emerging security issues, regulations, and threats
• Analyze financial implications of security programs and options
• Protect vital assets such as people, physical structures and equipment, intellectual property, and information, and maintain post-incident continuity of operations

**Certificate in Security Management with a concentration in Emergency Planning and Response**

The certificate in Emergency Planning and Response concentration is offered online at the University of Denver to meet the needs of busy adults and prepares current or aspiring emergency response professionals to effectively strategize and implement emergency plans. With an emergency preparedness certificate, graduates will learn to compare and contrast plans and responses to various events and disasters, as well as analyze leadership competence as plans are executed. As communication is key to effective emergency preparedness, graduate certificate students will take away strategies for effective communication, as well as mitigation, preparedness, recovery, and emergency response.

Certificate students will learn about the strategized plan, the response, and the recovery process of emergency management. Led by professional practitioners who work in the emergency planning and response field, emergency certificate classes focus on the integrated system at every stage of a disaster, examining the roles of emergency response teams, government agencies, businesses, and private citizens. Credits earned through this graduate certificate may apply toward a master's degree in Security Management.

This certificate prepares students to

• Compare and contrast plans and responses to various types of events and disasters
• Analyze leadership competence and necessary leadership skills
• Develop and analyze strategies to implement team solutions
• Present a model of effective communication within an emergency response and planning structure
• Plan and report on strategies for mitigation, preparedness, response, and recovery
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Security Management Outcomes
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Certificate in Security Management with a concentration in Information Security
The certificate in Information Security concentration is offered entirely online to meet the needs of busy adults seeking to expand their current skill set in information security. An Information Security certificate prepares students to analyze security needs, provide effective solutions, and fill a critical niche in organizations. The certificate in Security Management with a concentration in Information Security is offered online or on campus in the evenings, or in a combination of both to meet the needs of busy adults seeking to expand their current skill set in information security. Certificate students will examine practical issues such as setting up a secure network, securing servers, and handling information security incidents. The practical labs give Information Security graduate certificate students the hands-on experience they need using industry-current tools geared for security.

Certificate students will be prepared for real-world security challenges with a rigorous education from professional practitioners who work in information security. Certificate students will learn to design secure applications, implement access controls, establish secure operations, and control physical security, all while they use encryption, secure networks, and maintain business continuity. Become an indispensable expert in determining Return on Security Investment (ROSI) and develop security policies and procedures that protect your organization from internal and external threats. Credits earned through this graduate certificate may apply toward a master's degree in Security Management.

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The certificate program is ideal for security professionals who currently work in the field, or aspire to, as they will examine emerging security issues, regulations, and threats in classes led by instructors who work in the fields in which they teach, offering security management students valuable insight to the security. Certificate graduates will learn to implement strategies to protect vital assets such as people, physical structures and equipment, intellectual property, and information, as well as analyze financial implications of security programs and options. Credits earned through this graduate certificate may apply toward a master's degree in Security Management.

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MASTER’S DEGREE ADMISSION

Admission Criteria

A regionally accredited baccalaureate degree is required for admission. Applicants must have a minimum grade point average (GPA) of 3.0 on a 4.0 scale (or equivalent) in their undergraduate work from a regionally accredited degree-granting institution for full admission. Applicants whom University College believes may successfully engage in graduate work, but who have not met the previously stated GPA requirement, may be admitted to a degree program on a provisional basis. The GMAT and GRE are NOT required.

Admission Process

Master’s degree applications are reviewed for admission on a quarterly basis. Applications and all supplemental materials must be submitted online; with the exception of transcripts, which must be received by the stated application deadline (requests for accommodation may be granted). Applicants will be notified of a decision via email and standard mail approximately two weeks following the application deadline. Detailed application information and application deadlines are located on the University College website (http://universitycollege.du.edu/answers/admission/masters.cfm).

• Application: Applicants must complete the application online (http://myweb.du.edu).
• Application Fee: A $75 non-refundable application fee is required for an application to be processed.
• One Official Transcript from each Post-Secondary Institution: Applicants are required to submit an official transcript from each post-secondary institution they have attended, or are presently attending, where 2 quarter hours (or one semester hour) or more were completed. This includes transcripts for credit earned as transfer work and study abroad.
• Two Letters of Recommendation: Two confidential letters of recommendation are required.
• Statement of Purpose: A personal statement (two pages double spaced) is required. The statement should include information on how the degree will enhance career plans and meet educational goals. Sharing personal experiences, abilities, achievements, and goals is encouraged. This document has considerable influence in the decision to admit applicants with attention given to written communication skills.
• Résumé/Curriculum Vitae (CV).
• Degree Plan: The degree plan, detailing courses for the academic program, is required to complete the admission process and can be completed through the University College online Degree Builder (http://universitycollege.du.edu/DegreeBuilder/Student/ChooseDegree.aspx) tool.
• Language Proficiency: Applicants whose native language is not English or who have been educated in countries where English is not the native language, regardless of citizenship, must provide official scores from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS). The TOEFL and IELTS scores are valid for two years from the test date. Applicants may be exempt from English proficiency test requirements if they have earned a post-secondary degree from a recognized/accredited university where the language of instruction and examination is English.
• Proof of Permanent Residency: Permanent Residents must provide a copy of their Registration Alien Card (green card).
• Admission Interview: An interview may be required at the program director’s request.
• International Applicants: Additional requirements are listed below for international applicants.

CERTIFICATE ADMISSION

Admission Criteria

A regionally accredited baccalaureate degree is required for admission. Applicants must have a minimum grade point average (GPA) of 3.0 on a 4.0 scale (or equivalent) in their undergraduate work from a regionally accredited degree-granting institution for full admission. Applicants whom University College believes may successfully engage in graduate work, but who have not met the previously stated GPA requirement, may be admitted to a degree program on a provisional basis. The GMAT and GRE are NOT required.

Admission Process

Certificate applications are reviewed for admission on a quarterly basis. Applications and all supplemental materials must be submitted online; with the exception of transcripts, which must be received by the stated application deadline (requests for accommodation may be granted). Applicants will be notified of a decision via email and standard mail approximately two weeks following the application deadline. Detailed application information and application deadlines are located on the University College website (http://universitycollege.du.edu/answers/admission/certificate.cfm).

• Application: Applicants must complete the application online (http://myweb.du.edu).
• Application Fee: A $50 non-refundable application fee is required for an application to be processed.
• One Official Transcript from each Post-Secondary Institution: Applicants are required to submit an official transcript from each post-secondary institution they have attended, or are presently attending, where 2 quarter hours (or one semester hour) or more were completed. This includes transcripts for credit earned as transfer work and study abroad.
Additional Admission Requirements for International Applicants

- **Certificate Plan:** The certificate plan, detailing courses for the academic program, is required to complete the admission process and can be completed through the University College online Degree Builder (http://universitycollege.du.edu/DegreeBuilder/Student/ChooseDegree.aspx) tool.

- **Language Proficiency:** Applicants whose native language is not English or who have been educated in countries where English is not the native language, regardless of citizenship, must provide official scores from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS). The TOEFL and IELTS scores are valid for two years from the test date. Applicants may be exempt from English proficiency test requirements if they have earned a post-secondary degree from a recognized/accredited university where the language of instruction and examination is English.

- **Proof of Permanent Residency:** Permanent Residents must provide a copy of their Registration Alien Card (green card).

- **Admission Interview:** An interview may be required at the program director’s request.

- **International Applicants:** Additional requirements are listed below for international applicants.

### INTERNATIONAL ADMISSION

International applicants must comply with all requirements set forth for domestic applicants and supplement their application with additional documentation. International applicant information, including admission deadlines and the International Applicant Checklist, is available on the University College website (http://universitycollege.du.edu/answers/admission/international.cfm).

Admitted international applicants whose native language is not English are required to attend University College's International Preparation Week (http://universitycollege.du.edu/answers/admission/international.cfm) prior to attending courses at University College.

University College will consider graduate applicants who have earned three-year baccalaureate degrees from 15-year education systems. The school will consider graduate applicants who have earned the degree must be a formally recognized or regionally accredited institution of higher learning, as determined by the University Of Denver Office Of International Student Admission. Admission policy and procedures for applicants holding three-year baccalaureate degrees is the same as for other international applicants with one exception: applicants with a three-year degree are not eligible for English Conditional Admission. Priority consideration will be given to those with a minimum of three years work experience.

### Additional Admission Requirements for International Applicants

- **English Proficiency:** All internationally educated applicants whose native language is not English are required to submit proof of English Language Proficiency regardless of citizenship and/or U.S. residency.

  1. **TOEFL:** A minimum score of 550 (paper based), 213 (computer based), or 80 (Internet based) is required for admission consideration. Generally, applicants should achieve at least 20 in all TOEFL subscores on the internet-based exam. TOEFL score reports older than two years from the date of application are not acceptable for admission consideration.

  2. **Academic IELTS:** A score of 6.5 or higher is required to be considered for admission. Each individual band score must be 6.0 or higher. IELTS score reports older than two years from the date of application are not acceptable for admission consideration.

  3. **Possible Exemptions:** International applicants may be exempt from the TOEFL/Academic IELTS requirement if by the time of matriculation they have earned a post-secondary degree from a formally-recognized/accredited university where the entire language of instruction and examination is in English.

  4. **English Conditional Acceptance (ECA):** Master's degree applicants who do not meet the required level of English proficiency may be considered for conditional acceptance if all other admission criteria are met. Prior to enrolling in any graduate-level coursework, ECA requires an evaluation by the University of Denver's English Language Center (ELC) and successful completion of intensive ELC English courses including the Graduate Preparation Program. Academic classes may not be taken while students are enrolled at the English Language Center. Graduate certificate students may not be admitted through ECA. An alternative to the English Language Center, an applicant may become fully admitted by submitting sufficient TOEFL/Academic IELTS scores.

- **Official Transcripts and Translations:** International applicants should submit official transcripts printed in the official language of instruction of their institution. Certified English translations must accompany all transcripts except for those provided by institutions that issue documents in English.

- **Photocopy of Diploma/Degree Certification and Appropriate Translations:** Applicants who have earned a degree outside the U.S. must submit proof of graduation through a degree certificate or diploma along with all appropriate official translations.

- **A Photocopy of Current Passport:** Applicants must provide a copy of the photograph and legal name page of their passport. This is required before an I-20 can be issued by the University of Denver.

- **The Supplemental Information Form (SEVIS Supplement):** Applicants who are not U.S. Citizens or permanent residents must complete the SEVIS form.

- **Financial Verification Form:** Applicants seeking an I-20 student visa must submit financial verification documents.
# Master of Science in Security Management with a Concentration in Emergency Planning and Response

## Degree Requirements

### Coursework Requirements

#### Core coursework requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMGT 4050</td>
<td>Security Concepts Overview</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4100</td>
<td>Business Function of Security</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4350</td>
<td>Business Assets Protection</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4910</td>
<td>Research Practices and Applications</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4901</td>
<td>Capstone Project</td>
<td>4</td>
</tr>
<tr>
<td>or SMGT 4902</td>
<td>Capstone Seminar</td>
<td></td>
</tr>
<tr>
<td>or SMGT 4904</td>
<td>Interdisciplinary Capstone Seminar</td>
<td></td>
</tr>
</tbody>
</table>

#### Concentration requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMGT 4210</td>
<td>Critical Incident Management</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4220</td>
<td>Hazardous and Radiological Material Preparedness</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4230</td>
<td>Mitigation for Emergency Managers</td>
<td>4</td>
</tr>
<tr>
<td>SMGT 4400</td>
<td>Emergency Planning</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Elective requirements

Select three of the following:  

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SMGT 4150</td>
<td>Risk Management</td>
<td></td>
</tr>
<tr>
<td>SMGT 4300</td>
<td>Security Administration</td>
<td></td>
</tr>
<tr>
<td>SMGT 4400</td>
<td>Emergency Planning</td>
<td></td>
</tr>
<tr>
<td>SMGT 4500</td>
<td>Human Factors in Security</td>
<td></td>
</tr>
<tr>
<td>SMGT 4200</td>
<td>Integrated Security Systems</td>
<td></td>
</tr>
<tr>
<td>SMGT 4250</td>
<td>IS: Threats in Security</td>
<td></td>
</tr>
<tr>
<td>SMGT 4450</td>
<td>Legal &amp; Ethical Issues in Security Management</td>
<td></td>
</tr>
</tbody>
</table>

### Total Credits

<table>
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<tr>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>48</td>
</tr>
</tbody>
</table>

Students may choose from the elective options above, or they may work with their advisor to choose electives from the Related or Flexible options for their elective courses.

Students will work with their personal academic advisor to determine the best set of courses to choose from the Related Option. The Related Option allows students to choose from a predetermined group of subject areas from other concentrations that have been identified as most likely relating to their concentration area.

Students will work with their personal academic advisor to determine the best set of courses to choose from the Flexible Option. The Flexible Option allows students to choose from a pool of courses that have been designated for this option. Courses may be from different concentration areas and students will need to obtain approval from the academic director to pursue this option.

A satisfactory quality of achievement with a grade point average of “B” (3.0) or better is required in graduate coursework accepted for the degree. The average is determined on the basis of the University’s grading system. In no case, may more than one-fourth of the hours accepted toward the degree be of “C” grade. A grade lower than “C” renders the credit unacceptable for meeting degree requirements. Students must earn a grade of B- or better in the Capstone Project or Capstone Seminar.

## Non-coursework Requirement

Capstone Project (or successful completion of Capstone Seminar)

# Master of Science in Security Management with a Concentration in Information Security

## Degree Requirements

### Coursework Requirements

#### Core coursework requirements

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SMGT 4350  Business Assets Protection  4
SMGT 4910  Research Practices and Applications  4
SMGT 4901  Capstone Project  4
or SMGT 4902  Capstone Seminar  4
or SMGT 4904  Interdisciplinary Capstone Seminar  4

Concentration requirements
SMGT 4200  Integrated Security Systems  4
SMGT 4250  IS: Threats in Security  4
SMGT 4450  Legal & Ethical Issues in Security Management  4
SMGT 4500  Human Factors in Security  4

Elective requirements
Select three of the following:  12
- SMGT 4150  Risk Management
- SMGT 4300  Security Administration
- SMGT 4400  Emergency Planning
- SMGT 4500  Human Factors in Security
- SMGT 4210  Critical Incident Management
- SMGT 4230  Mitigation for Emergency Managers
- SMGT 4220  Hazardous and Radiological Material Preparedness

Total Credits  48

Students may choose from the elective options above, or they may work with their advisor to choose electives from the Related or Flexible options for their elective courses.

Students will work with their personal academic advisor to determine the best set of courses to choose from the Related Option. The Related Option allows students to choose from a predetermined group of subject areas from other concentrations that have been identified as most likely relating to their concentration area.

Students will work with their personal academic advisor to determine the best set of courses to choose from the Flexible Option. The Flexible Option allows students to choose from a pool of courses that have been designated for this option. Courses may be from different concentration areas and students will need to obtain approval from the academic director to pursue this option.

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Non-coursework Requirement
Capstone Project (or successful completion of Capstone Seminar)

Master of Science in Security Management with a Concentration in Organizational Security

Degree Requirements

Coursework Requirements

Core coursework requirements
SMGT 4050  Security Concepts Overview  4
SMGT 4100  Business Function of Security  4
SMGT 4350  Business Assets Protection  4
SMGT 4910  Research Practices and Applications  4
SMGT 4901  Capstone Project  4
or SMGT 4902  Capstone Seminar  4
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Concentration requirements
SMGT 4150  Risk Management  4
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<td>SMGT 4500</td>
<td>Human Factors in Security</td>
</tr>
</tbody>
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**Elective requirements**

Select three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMGT 4200</td>
<td>Integrated Security Systems</td>
</tr>
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<td>IS: Threats in Security</td>
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</tr>
<tr>
<td>SMGT 4220</td>
<td>Hazardous and Radiological Material Preparedness</td>
</tr>
</tbody>
</table>

**Total Credits**: 48

Students may choose from the elective options above, or they may work with their advisor to choose electives from the Related or Flexible options for their elective courses.

Students will work with their personal academic advisor to determine the best set of courses to choose from the Related Option. The Related Option allows students to choose from a predetermined group of subject areas from other concentrations that have been identified as most likely relating to their concentration area.

Students will work with their personal academic advisor to determine the best set of courses to choose from the Flexible Option. The Flexible Option allows students to choose from a pool of courses that have been designated for this option. Courses may be from different concentration areas and students will need to obtain approval from the academic director to pursue this option.

A satisfactory quality of achievement with a grade point average of “B” (3.0) or better is required in graduate coursework accepted for the degree. The average is determined on the basis of the University’s grading system. In no case, may more than one-fourth of the hours accepted toward the degree be of “C” grade. A grade lower than “C” renders the credit unacceptable for meeting degree requirements. Students must earn a grade of B- or better in the Capstone Project or Capstone Seminar.

**Non-coursework Requirement**

Capstone Project (or successful completion of Capstone Seminar)

**Certificate in Security Management with a Concentration in Emergency Planning and Response**

**Certificate Requirements**

**Coursework Requirements**

<table>
<thead>
<tr>
<th>Concentration requirements</th>
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<tbody>
<tr>
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</tr>
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</tr>
<tr>
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<tr>
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</tr>
<tr>
<td>SMGT 4050</td>
</tr>
<tr>
<td>SMGT 4100</td>
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Total Credits: 48
### Certificate in Security Management with a Concentration in Information Security

#### Certificate Requirements

##### Coursework Requirements

**Concentration requirements**

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</tr>
<tr>
<td>SMGT 4050</td>
<td>Security Concepts Overview</td>
</tr>
<tr>
<td>SMGT 4100</td>
<td>Business Function of Security</td>
</tr>
<tr>
<td>SMGT 4350</td>
<td>Business Assets Protection</td>
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**Total Credits**

24

### Certificate in Security Management with a Concentration in Organizational Security

#### Certificate Requirements

##### Coursework Requirements

**Concentration requirements**

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</table>

**Total Credits**

24
Courses

SMGT 4050 Security Concepts Overview (4 Credits)
This course provides an introduction to the main principles and issues in business and organizational security management. Topics include protection of, and assessing the loss potential of, personnel, facilities, and information, and continuity of operations. The course makes extensive use of case studies and analyses, field exercises and research.

SMGT 4100 Business Function of Security (4 Credits)
This course covers the role of security in an organization or business context. Topics include budgets, contracts, financial analyses, how the security functions support the overall mission of the organization, and the relationship of security to other essential business functions. Students will also learn how to defend the costs of the security systems and security operations to high-level executives.

SMGT 4150 Risk Management (4 Credits)
Students will learn to identify and manage risks, crises and disasters, and to prepare emergency and contingency plans. Students will learn how to prevent losses, mitigate losses and accelerate recovery from security events or natural disasters. This will be accomplished through case studies and practical exercises.

SMGT 4200 Integrated Security Systems (4 Credits)
This course covers the integration of physical, personnel, and information security, including the use of information technology to enhance physical and personnel security. Students will learn the essential elements of system design, development of procedures, testing and maintenance of integrated security systems. This will be accomplished through case studies and practical exercises.

SMGT 4210 Critical Incident Management (4 Credits)
All communities are vulnerable to a variety of hazards. Emergency management provides a structure for anticipating and dealing with emergency incidents. Emergency management involves participants at all governmental levels and in the private sector. Activities are geared according to phases before, during, and after emergency events. The effectiveness of emergency management rests on a network of relationships among partners in the system. The goal of this course is to introduce students to the fundamentals of emergency management as an integrated system, surveying how the resources and capabilities of all functions at all levels can be networked together in all phases for all hazards. Included is an in-depth look at the four phases of comprehensive emergency management: mitigation, preparedness, response, and recovery.

SMGT 4220 Hazardous and Radiological Material Preparedness (4 Credits)
Hazardous materials plan development is a difficult and challenging job that requires a high level of skill and knowledge from planners charged with these responsibilities. Due to local funding shortages and frequent staff turnover at the state and local levels in the planning arena, and because of the complexity of hazardous materials planning requirements, there continues to exist a significant performance problem and training requirement for hazardous materials planning. This course provides students the assistance and confidence needed to effectively plan for and respond to hazardous materials incidents, through sound emergency planning and with the highest level of safety for response personnel within the student's jurisdiction. This course also addresses the fundamental principles of radiation as well as the nuclear threat.

SMGT 4230 Mitigation for Emergency Managers (4 Credits)
As the costs of disasters continue to rise, governments and ordinary citizens must find ways to reduce hazard risks to our communities and ourselves. Efforts made to reduce hazard risks are easily made compatible with other community goals; safer communities are more attractive to employers as well as residents. As communities plan for new development and improvements to existing infrastructure, mitigation can and should be an important component of the planning effort.

SMGT 4250 IS: Threats in Security (4 Credits)
This course explores emerging protection concepts for the information age. Students will identify threats to security systems, discover vulnerabilities, and suggest and design protection systems. Topics include management of information security and data processing facilities, data theft, misuses of information technologies, computer viruses and hacking, and network protection. The course also covers information technology laws, privacy issues, and information security planning.

SMGT 4300 Security Administration (4 Credits)
Students apply principles of management to security administration. Topics include personnel management, security planning, organizational leadership and communication, and recruitment and training.

SMGT 4350 Business Assets Protection (4 Credits)
Students examine the application of security knowledge and techniques to the protection of business assets. The security planning process is examined by the study of risk analysis, security surveys, and financial planning and decision making for development of security programs and countermeasures.

SMGT 4400 Emergency Planning (4 Credits)
Students discuss the role of the security manager in the identification, analysis, and response to a variety of human and natural crises. They examine threats resulting from riots, demonstrations, product tampering, work stoppage activities, terrorism, and natural disasters.

SMGT 4450 Legal & Ethical Issues in Security Management (4 Credits)
This course is an overview of important legal and ethical issues with which the business and organizational security management professional must deal. Students examine such issues as personnel law and obligations; negotiations; contract management; constitutional rights of individuals; legal liability of security professionals and organizations; legal compliance; and ethical standards.
SMGT 4500 Human Factors in Security (4 Credits)
This course focuses on historical and contemporary perspectives of human behavior. Theories of behavior in the context of threat-producing activities are discussed. Contemporary issues such as substance abuse, violence, ideologies, and similar themes are examined.

SMGT 4701 Topics in Security Management (1-6 Credits)
The content of this course varies each time it is offered. The topics may include time-sensitive issues from the film industry, elective courses that are not scheduled regularly during the course of the year, or advanced inquiry into core-course subjects. Each time the course is offered, the specific content is announced in the quarterly course schedule. Depending on the subject matter, students may be required to have completed prerequisite courses.

SMGT 4901 Capstone Project (4 Credits)
The Capstone Project provides students the opportunity to research a topic, problem, or issue within their field of study, and work individually with a Capstone advisor. Similar in weight to a thesis, but more flexible, this final project synthesizes and applies core concepts acquired from the program. The student selects an appropriate Capstone advisor who is knowledgeable in the field of study to work closely with and whom can guide the research project. Evaluation will be focused on the quality and professionalism of applied research and writing; critical and creative thinking; problem-solving skills; knowledge of research design, method, and implementation; and contribution to the field and topic of study. View the Capstone Guidelines for additional details. Prerequisites: a capstone proposal that has been approved by both the capstone advisor and academic director, unconditional acceptance as a degree candidate, completion of at least 40 quarter-hours (including all core courses) with a cumulative GPA of 3.0 or better, and a "B" or better in one of the following courses: MALS 4020, COMM 4905, GS 4905, MALS 4905, EPM 4910, HCL 4910, HRA 4910, ORL 4910, SMGT 4910, ICT 4000, or MALS 4915.

SMGT 4902 Capstone Seminar (4 Credits)
The Capstone Seminar is a graduate seminar in which students utilize the knowledge and skills gained through the degree program to create a culminating work that critically addresses a problem or issue in the degree field of study. The student produces a paper of 7000-8000 words that presents a position on a relevant problem or issue, supports the position with professional and academic work in the field, analyzes and tests the paper position, and discusses the role of the findings within the field of study. The seminar is dependent upon collegial discussion of student research and work under the facilitation of a faculty member, and it is governed by the quality of participation and contributions of the students. The course structure, facilitated by the faculty member, guides the students through the process of independent research and writing of a capstone paper; the instructor provides intensive feedback on the capstone process and papers. Students are responsible for generating the course content through ongoing discussion of and peer feedback on the capstone process and individual papers, as well as the analysis and contextualization of focused student papers within the wider degree field of study. Students professionally and academically communicate their findings through written work and oral presentations. Students must have: Unconditional acceptance as a degree candidate, completion of at least 40 quarter-hours (including all core courses) with a cumulative GPA of 3.0 or better, and a "B" or better in one of the following courses: MALS 4020, COMM 4905, GS 4905, MALS 4905, ORL 4905, EPM 4910, HCL 4910, HRA 4910, ORL 4910, SMGT 4910, ICT 4000, or MALS 4915. A final grade of "B" or better is required in this course to meet degree requirements. Students must complete the Capstone Seminar in one quarter; no incomplete grades are assigned.

SMGT 4903 Interdisciplinary Capstone Seminar (4 Credits)
The Interdisciplinary Capstone Seminar is a graduate seminar in which students utilize the knowledge and skills gained through the degree program to create a culminating work that critically addresses a problem or issue in the degree field of study. Members of the class will include students from various UCOL programs, representing multiple topics of study. On campus offerings of this course include required online components. The student produces a paper of 7000-8000 words that presents a position on a relevant problem or issue, supports the position with professional and academic work in the field, analyzes and tests the paper position, and discusses the role of the findings within the field of study. Students professionally and academically communicate their findings through written work and oral presentations. The seminar is dependent upon active and collegial discussion and critique of student research and work under the facilitation of a faculty member, and it is governed by the quality of participation and contributions of the students. Students must have: Unconditional acceptance as a degree candidate, completion of at least 40 quarter-hours (including all core courses) with a cumulative GPA of 3.0 or better, and a "B" or better in one of the following courses: MALS 4020, COMM 4905, GS 4905, MALS 4905, ORL 4905, EPM 4910, HCL 4910, HRA 4910, ORL 4910, SMGT 4910, ICT 4000, or MALS 4915. A final grade of "B" or better is required in this course to meet degree requirements. Students must complete the Capstone Seminar in one quarter; no incomplete grades are assigned.

SMGT 4910 Research Practices and Applications (4 Credits)
This course develops competency in principles of research and measurement for use in the professional setting. As an initial course in the program of study, students learn research methods to apply to program and systems design and evaluation to achieve successful measurement of outcomes and goals. Students become critical consumers of pertinent literature to provide background and support for the choice and application of proper qualitative and quantitative research methods and data analysis for professional application. Critical thinking through comparing and contrasting cause and effect is used to build logic models. Research, design, and evaluation processes that address issues of implementation, feasibility, and sustainability are emphasized. At the conclusion of this course, students are prepared to apply and clearly communicate the practice of scientific research principles in the professional environment to ensure that the question being asked can be answered through rigorous research and the design and formative assessment of the program or system. Completion of Institutional Review Board (IRB) training via CITI Program is required as a basis for discussion of research ethics and IRB procedures. Competencies gained in this course, including practices of inquiry, self-analysis, and evaluation, are applied and integrated throughout the course of study and demonstrated in the culminating capstone work of the master's degree. This course is required of all degree-seeking students and should be taken in the first three quarters of enrollment. A final grade of "B" or better must be earned in this course to meet degree requirements.
SMGT 4980 Internship (4 Credits)
The internship is designed to offer students a purposeful experience in a practical, industry related setting. The internship is an individualized learning experience and a training plan is created for each student in conjunction with the internship site to provide experiences related to the skills and knowledge covered in the certificate and master's programs.

SMGT 4991 Independent Study (1-8 Credits)
This is an advanced course for students wishing to pursue an independent study. The student must be accepted in a degree program, have earned a grade point average of 3.0 or better, obtained the approval of the department director, and have completed the Independent Study form and filed the form with all appropriate offices before registering for the independent study. Independent study is offered only on a for-credit basis.

SMGT 4992 Directed Study (1-5 Credits)
This is an advanced course for students wishing to pursue a directed course of study, which is based on an existing course. However, the existing course is not offered in a reasonable time frame to accommodate the student. The student must be accepted in a degree program, have earned a grade point average of 3.0 or better, obtained the approval of the department director, and have completed the Independent Study form and filed the form with all appropriate offices before registering for the directed study. Directed study is offered only on a for-credit basis.