**Graduate Major Peer Comparison Chart**-select two peers for completing the comparison chart from (in order of priority) [ABOR-approved institutions](https://www.azregents.edu/arizonas-public-universities/peer-institutions), [AAU members](https://www.aau.edu/who-we-are/our-members), and/or other relevant institutions recognized in the field. The comparison chart will be used to identify typically required coursework, themes, and experiences for majors within the discipline. The comparison programs are not required to have the same degree type and/or major name as the proposed UA program. Information for the proposed UA program must be consistent throughout the proposal documents. Delete EXAMPLE columns once ready to submit/upload.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Program name, emphasis (sub-plan) name (if applicable), degree, and institution** | **Proposed UA Program:** | **Peer 1:** | **Peer 2:** | EXAMPLE: UA Proposed:  Fire Services Master of Science | EXAMPLE: Peer: Fire Science, Fire/Arson Investigation concentration, Master of Science, University of New Haven |
| **Current # of enrolled students** |  |  |  |  | 73 (made up for this example) |
| **Major Description. Includes the purpose, nature, and highlights of the curriculum, faculty expertise, emphases (sub-plans; if any), etc.** | Copy and paste the text from Section I of the “Additional Information Form” |  |  | Provide detailed description of the major. Highlight key concepts that the program plans to cover and unique experiences. Description could be used to market the program | From: https://www.newhaven.edu/lee-college/graduate-programs/fire-science/index.php   * One of only a small number of such programs in the United States, our master’s program in fire science offers 39 credits\* of interdisciplinary coursework in fire/arson investigation, emergency management, public safety, and more. Students in the program study alongside leading professionals in the fire service including current and former fire and police chiefs, homeland security executives, private investigators, and insurance agents. Successful alumni have moved on to leadership positions in local fire departments, state and federal emergency agencies, and private firms. |
| **Target careers** |  |  |  | -Fire fighting  -Emergency services  -Management in fire and emergency services  -State, federal government. | * Fire Department Management * Emergency Medical Service Management * Emergency Management * Insurance Companies * Federal Government including DHS, FEMA, HHS, DOT * State Government * Private industry such as oil companies, industry management, and business |
| **Total units required to complete the degree** |  |  |  | 36 | 40 |
| **Pre-admission expectations (i.e. academic training to be completed prior to admission)** |  |  |  | Yes. Complete the following coursework:  -CHEM 151 (4) General Chemistry I  -CHEM 152 (4) General Chemistry II  Complete 1 course from the following:  -PHYS 140 (3) Introductory Mechanics  -PHYS 141 (4) Introductory Mechanics | BS or BA in related field. Experience in the field. |
| **Major requirements. List all major requirements including core and electives. If applicable, list the emphasis requirements. Courses listed must include course prefix, number, units, and title. Mark new coursework (New). Include any limits/restrictions needed (house number limit, etc.). Provide email(s)/letter(s) of support from home department head(s) for courses not owned by your department.** |  |  |  | List all required major coursework.  For example:  **Fire Services Core:** Complete 2 courses (6 units)  -(New)FIRE 345 (3) Introduction to Fire  -(New) FIRE 346 (3) Advanced Fire  **Fire Management Electives**: Complete 18 units from the following: | Required Core (9 units):  -FIRE 6625 (3) Chemistry of Fires and Explosions  -FIRE 6669 (3) Dynamics, Evaluation, and Prevention of Structural Fires  -FIRE 6690 (3) Research Project **OR** FIRE 6693 (3) Internship  Fire/Arson Investigation concentration (13 units):  -INVS 6614 (3) Survey of Forensic Science  -FIRE 6649 (4) Fire Scene Investigation and Arson Analysis  -FIRE 6650 (3) Arson for Profit  -FIRE 6665 (3) Legal Aspects of Fire and Arson Investigation  Approved Fire Science Electives (18 units required)\*:  -FIRE 6661 (3) Systems Approach to Fire Safety  -FIRE 6663 (3) Fire Protection Systems Application  -FIRE 6664 (3) Terrorism  -FIRE 6666 (3)Industrial Fire Protection  -FIRE 6667 (3) Fire and Building Codes, Standards, and Practices  -FIRE 6668 (3) Fire Casualty Insurance Practices  -FIRE 6684 (3) Fire Scene Reconstruction  \*Courses from other departments may be taken as electives with the consent of the program director. |
| **Research methods, data analysis, and methodology requirements (Yes/No). If yes, provide description.** |  |  |  |  | Research methods taught during research project course, for those that enroll in the course. |
| **Internship, practicum, applied course requirements (Yes/No). If yes, provide description.** |  |  |  | Yes.  Complete 6 units:  FIRE 493 (6) Fire Fighting Internship. Students complete internship at a fire station. | Yes, option to satisfy core. Field experience in various fire science settings or agencies. Students engage in field experience and produces project report analyzing internship experience. |
| **Master thesis or dissertation required (Yes/No). If yes, provide description.** |  |  |  | Yes.  Complete 6 units:  FIRE 498 (6) Fire Senior Thesis | No |
| **Additional requirements (provide description)** |  |  |  | -Present Senior Thesis and Internship experience at departmental conference.  -Complete non-credit lecture series on EMS and FIRE topics.  -Earn 2.5 major GPA | None |

\*Note: comparison of additional relevant programs may be requested.