

3/13/2022

# UC FIRE SCIENCE – BACHELOR OF SCIENCE

Prog. Chair - Larry Bennett, Esq. (Cell 513-470-2744);  
Prog. Coord. Raena Hoskins (Work 513-556-6583).

Most courses (3 credits) are 7-week, accelerated; 14-week courses (3 credit and 6-credit identified).  
Spring 1 (1/10/2022 – 2/27/2022); Spring 2 (2/28/22 – 4/23/2022); Summer 1 (5/9/2022 – 6/22/2002);  
Summer II (6/23/2022 – 8/6/2022)

[UC Registrar Academic Calendar](#)

## CORE COURSES – Most Taught Two Semesters / Year

FST 2009 – FIRE TACTICS	Tom Lakamp	Spr / Fall (14 wks)
FST 2079 – FF SAFETY, RISK MGT & MENTAL HEALTH	Brian Carlson	Spr 2 / Fall 2
FST 3019 – BUILDING CONSTRUCTION IN FIRE SERVICE	Brian Carlson	Sp 1 / Sum 1 / Fall 1
FST 3021 – TERRORISM & HOMELAND SECURITY	Steve Kelly, Rob Warfel	Spr 2 / Fall 2
FST 3080 – FIRE & EMERGENCY SERVICES ADMIN	Randy Hanifen	Sum 1 / Fall 1
FST 3085 – POLITICAL & LEGAL FOUNDATIONS	Larry Bennett	Spr 1 / Fall 1 (2022), Sum 1 (2023)
FST 3089 – EMS POLITICAL, LEGAL & MGT	Mark Johnston, Todd Owens	Fall / Spr (14 wks; 6 credits)
FST 3092 – BUDGET, FINANCE & EFF. COMMUNICATION	Mark Kissling	Spr 1 / Fall 1
FST 4081 – PERSONNEL MANAGEMENT	Chris Eisele	Spr 2 / Fall 2
FST 4099 – FIRST YEAR: INTRO EFFECTIVE FIRE SER RESEARCH	Chris Eisele, Doug Wehmeyer	Sp 1 / Fall 1
FST 5044 – CAPSTONE: LEADERSHIP & ETHICS	Todd Owens, Jonathan Westendorf	Spr / Fall (14 wks; 6 credits)

## NON-CORE COURSES – Most Are Taught One Semester / Year

### I. FIRE RESPONSE

FST 3081 – ANALYTICAL APPROACHES FIRE & EMS	Demond Simmons	Fall 2 / Spr 2
FST 4080 – DISASTER PLANNING & CONTROL	Randy Hanifen	Fall 2
FST 4083 – FIRE-RELATED HUMAN BEHAVIOR	Doug Wehmeyer	Spr 1
FST 4084 – FIRE INVESTIGATION & ANALYSIS	Nathan Broman	Spr 2
FST 4086 – MANAGERIAL ISSUES IN HAZARDOUS MATERIALS	Randy Hanifen / BJ Jetter	Spr 1

### II. FIRE PREVENTION

FST 2069 – FIRE DETERMINATION STRATEGIES	Nathan Broman	Fall 1
FST 3082 – FIRE PREVENTION ORGANIZATION & MGT	Doug Wehmeyer	Fall 1
FST 3083 – FIRE PROTECTION STRUCTURE & SYSTEMS	BJ Jetter	Fall 2
FST 3084 – COMMUNITY RISK REDUCTION	Mark Fyffe	Fall 2
FST 3087 – FIRE DYNAMICS	Jonathan Westendorf	Fall 2
FST 3088 – FIRE SCENE RECONSTRUCTION	Nathan Broman	Spr 2
FST 4077 – CONTEMPORARY ISSUES IN THE FIRE SERVICE	Randy Hanifen	Sum 1
FST 4082 – APPLICATIONS OF FIRE RESEARCH	Nathan Broman	Spr (14 wks)

### III. FIRE & EMS ADMIN

FST 3043 / 6043 – COMMUNITY PARAMEDICINE	Will Mueller, Amy McMahon	Fall 2 / Spr 2
FST 4050 – EMERG. MED RESPONSE TO HAZARDOUS MATERIALS & CBRNE	BJ Jetter	Sum 2

### IV. OCCUPATIONAL SAFETY

FST 2049 – HAZARDOUS MATERIALS	Mike Gabennesch	Fall 2
FST 4072 – OCCUPATIONAL SAFETY ENGINEERING & TECHN.	Mike Gabennesch	Spr 2
FST 4073 – INTRO. TO INDUSTRIAL HYGIENE	Mike Gabennesch	Spr 2
FST 4076 – PRINCIPLES OF ERGONOMICS	Mike Gabennesch	Fall 2

### V. EMERGENCY MANAGEMENT

FST 3047 – INTRO TO EMER. MGT. & PUBLIC INFO	Jonathan Westendorf	Spr 2
FST 3052 – EVOLUTION OF EMERGENCY MGT	Brian Carlson	Fall 1
FST 3055 – UAVs & EMERGING TECHNOLOGIES	Kirk McKinzie, Bryan Kowalczyk	Spr 2 / Fall 2
FST 4071 – SAFETY IN EMER. MGT. & DISASTER RESPONSE	Brian Carlson	Sum 2

### VI. MATH

FST 1077 – PROBLEM SOLVING FOR EMER. RESP.	Eric Reiners / Doug Wehmeyer	Fall 1
FST 3071 – DATA ANALYSIS & STAT. FOR FIRE & EMS	Eric Reiners / Doug Wehmeyer	Spr 1

### VII INDEPENDENT STUDIES

FST 4088 (1 to 3 credits) - FIRE SCIENCE PORTFOLIO	Randy Hanifen	As Needed
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