

Recommended pass through the study plan

Name of the pass: Planning and management of Crisis Situation 15/16, 16/17, 17/18,18/19, 19/20, 20/21

Faculty/Institute/Others:

Department:

Pass through the study plan: Planning and Management of Crisis Situation - full-time

Branch of study guaranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Population Protection

Type of study: Bachelor full-time

Note on the pass: Informaci o p edepsaném minimálním po tu PV p edm t pro konkrétní jednotlivé semestry najdete v odpovídajícím studijním plánu oboru.

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV - compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L):

KZ - graded assesment, Z - assesment, ZK - examination, L - summer semester, Z - winter semester

Number of semester: 1

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i> | Completion | Credits | Scope | Semester | Role |
|-----------|--|------------|---------|-------|----------|------|
| 17BOZP | Occupational Safety and Health, Fire Protection and First Aid <i>Petr Kudrna Petr Kudrna Petr Kudrna (Gar.)</i> | Z | 0 | 1P | Z | z |
| 17BPBCHB | Chemistry for Bachelors | Z | 2 | 1P+1S | Z | z |
| 17PBPEKRA | Ethics of Crises Management | Z | 3 | 1P | Z | z |
| 17BPBKPS | Communication Instruments of Integrated Emergency Services | KZ | 3 | 2P | Z | z |
| 17BPBPKR1 | Management and Crisis Management I | Z | 4 | 2P | Z | z |
| 17BPBMB | Mathematics for Bachelors | Z,ZK | 4 | 2P+2C | Z | z |
| 17PBPOZR | General Principles of Dealing with Emergency and Crisis Situations | Z,ZK | 4 | 1P+1S | Z | z |
| 17PBPTV1 | Physical Education I. | Z | 1 | 2C | Z | z |
| 17BPBZIT | Fundamentals of Information Technology | KZ | 2 | 2P+1C | Z | z |
| 17BPBZS | Fundamentals of Somatology | ZK | 4 | 4P | Z | z |
| 17BPBZTS | Fundamentals of Theory of State and Law | ZK | 3 | 2P | Z | z |

Number of semester: 2

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i> | Completion | Credits | Scope | Semester | Role |
|-----------|--|------------|---------|-------|----------|------|
| 17PBPAOT | English Professional Terminology | KZ | 3 | 0P+2S | L | z |
| 17BPBFBA | Physics for Bachelors | Z | 2 | 1P+1S | L | z |
| 17BPBIZS | Integrated Emergency Services | Z,ZK | 4 | 1P+1S | L | z |
| 17BPBPLVK | Summer Training Course | Z | 2 | 5XD | L | z |
| 17BPBPKR2 | Management and Crisis Management II | ZK | 4 | 2P | L | z |
| 17PBPOPR1 | Practical Training (Public Administration Departments of Crisis Management) | Z | 2 | 4XT | L | z |
| 17BPBPPMS | Probability and mathematical statistics | Z,ZK | 4 | 2P+2S | L | z |
| 17BPBSP | Administrative Law. Public Administration and Local Government in the Area of Crisis Management | ZK | 4 | 2P | L | z |
| 17PBPTV2 | Physical Education II. | Z | 1 | 2C | L | z |
| 17BPBZEK | Fundamentals of Crisis Management Economics | ZK | 4 | 2P | L | z |

Number of semester: 3

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.) | Completion | Credits | Scope | Semester | Role |
|-----------|--|------------|---------|-------|----------|------|
| 17PBPAK | English Conversation | KZ | 2 | 2S | Z | z |
| 17PBPHKP | Emergency and Crisis Planning | Z,ZK | 4 | 2P+1S | Z | z |
| 17PBPISV | Information Systems in Crisis Management | Z,ZK | 4 | 2P+2C | Z | z |
| 17PBPLZKS | Human Resources and Crisis Situations | Z | 3 | 1P+1S | Z | z |
| 17PBPPPP | Pre-Medical Assistance and Care | Z,ZK | 4 | 1P+1C | Z | z |
| 17PBPRO | Radiation Protection | ZK | 4 | 2P | Z | z |
| 17PBPTV3 | Physical Education III. | Z | 1 | 2C | Z | z |
| 17PBPTPR | Team Project | Z | 2 | 2C | Z | z |
| 17BPBZTX | Fundamentals of Toxicology | Z,ZK | 3 | 1P+1S | Z | z |
| 17BPBZZT | Introduction to Rescue Equipment | KZ | 3 | 2P+1C | Z | z |

Number of semester: 4

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.) | Completion | Credits | Scope | Semester | Role |
|------------|--|------------|---------|-------|----------|------|
| 17PBPAAMN | Analysis, Methods and Tools for Dealing with Crisis Situations | Z,ZK | 3 | 2P+1S | L | z |
| 17PBPBIS | Security of Information Systems and Networks | Z,ZK | 3 | 1P+1C | L | z |
| 17PBPCNP | Civilian Emergency Preparedness | Z,ZK | 3 | 2P+1S | L | z |
| 17PBPHAE | Hygiene and Epidemiology | KZ | 2 | 2P | L | z |
| 17PBPLG | Logistics | KZ | 3 | 1P+1S | L | z |
| 17PBPMVP | Methodology of Scientific Research | Z | 2 | 1P+1S | L | z |
| 17PBPOPR2 | Practical Training II (SÚJCHBO, SÚRO and Emergency Services) | Z | 3 | 4XT | L | z |
| 17PBPPMU | Prevention of Emergencies | KZ | 2 | 1P+1S | L | z |
| 17PBPTV4 | Physical Education IV | Z | 1 | 2C | L | z |
| 17PBPTAH | Toxicological Aspects of Chemical Accidents and Chemical Weapons Misuse | ZK | 3 | 2P | L | z |
| 17BPBZRRBA | Fundamentals of Radiobiology and Possible Misuse of Radiological and Biological Agents | ZK | 3 | 1P | L | z |
| 17BPBZKM | Special Communication During Emergencies | Z | 2 | 1S | L | z |

Number of semester: 5

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.) | Completion | Credits | Scope | Semester | Role |
|-----------|--|------------|---------|-------|----------|------|
| 17BPBPTX | Drugs and Toxicomania Tomáš Kratina | KZ | 2 | 1P+1S | Z | z |
| 17BPBENV | Environmental Security | KZ | 3 | 2P | Z | z |
| 17BPBITT | Information Technology and Telemetry | Z,ZK | 3 | 2P+1S | Z | z |
| 17BPBKRZ | Healthcare Crisis Management | ZK | 4 | 2P | Z | z |
| 17BPBKSS | Traffic Crisis Situations | KZ | 2 | 1P | Z | z |
| 17BPBKM | Crisis Management | Z,ZK | 4 | 2P+1S | Z | z |
| 17BPBPOK | Prevention and Detection of Crime | Z | 2 | 1P+1S | Z | z |
| 17BPBPKS | Psychology of Crisis Situations | KZ | 2 | 2S | Z | z |
| 17BPBSPB | Bachelor Thesis Seminar | Z | 2 | 1S | Z | z |
| 17BPBPTER | Risk Theory | Z,ZK | 3 | 2P+1S | Z | z |
| 17BPBPTR | Terrorism | ZK | 3 | 2P | Z | z |

Number of semester: 6

| Code | Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i> | Completion | Credits | Scope | Semester | Role |
|----------|--|------------|---------|-------|----------|------|
| 17BPBPBS | Security Policy of the State, the Defense of the State and its Security | Z,ZK | 5 | 2P+1S | L | Z |
| 17PBPOB | Building Safety | KZ | 3 | 2P | L | Z |
| 17PBPOZP | Organization of Rescuing Actions | Z,ZK | 3 | 2P+1S | L | Z |
| 17BPPTP | Professional Tactical Training | KZ | 4 | 2P | L | Z |
| 17PBPSL | Forensic Medicine | ZK | 4 | 1P | L | Z |
| 17BPVBP | Internal Security and Public Order | Z,ZK | 4 | 2P+1S | L | Z |
| 17BPZNZ | Fundamentals of Arms and Munitions | KZ | 3 | 1P+1C | L | Z |
| 17BPZPR | Fundamentals of Pyrotechnics | KZ | 3 | 1P | L | Z |
| 17BPZBP | Bachelor Thesis | Z | 1 | 8C | L | Z |

List of groups of courses of this pass with the complete content of members of individual groups

List of courses of this pass:

| Code | Name of the course | Completion | Credits |
|-----------|---|------------|---------|
| 17BOZP | Occupational Safety and Health, Fire Protection and First Aid | Z | 0 |
| 17BPBPAK | English Conversation The course is geared to building on existing language skills acquired by students in order to achieve a high level oral communication (intense conversation). Students discuss actively the topics presented during the lessons. They express their opinions and suggest possible solutions. | KZ | 2 |
| 17BPBAMN | Analysis, Methods and Tools for Dealing with Crisis Situations The goal is to basics and key analysis tools and methods of crisis management, to the extent necessary for the understanding of safeguarding the population against the effects of emergencies or non-military crisis. In addition to acquaint students with the scope and activities in the construction and protection of critical infrastructure elements and European critical infrastructure. The education policy will be clarified and emergency planning and preparedness in the area of ??the state population. Practically the practice of mid-range planning, evacuation and treatment planning assumptions protection plan for processing critical infrastructure elements. | Z,ZK | 3 |
| 17BPBPAOT | English Professional Terminology The aim of the course is to acquaint student with the terminologie related to their field of study. Students learn how to use the vocabulary in real situations, when solving real problems. The course is primarily focused on communication and on the development of english speaking skills. | KZ | 3 |
| 17BPBIBIS | Security of Information Systems and Networks Study is focused on understanding the principles of security risks in information technology, the preventive treatment and management. Students will learn the basic principles of security, understand the sense of security in large information systems. Students will learn the principles of the new solution practices, which lead to the design, installation, operation and maintenance of secure information systems. | Z,ZK | 3 |
| 17BPBPBS | Security Policy of the State, the Defense of the State and its Security | Z,ZK | 5 |
| 17BPBCHB | Chemistry for Bachelors Introduction to chemistry, categorization and properties of substances, chemical bonds, chemical reactions, elements in periodic table, organic chemistry fundamentals, natural substances, polymers, analytical methods - instrumental analysis, chemical calculations, chemical equations. | Z | 2 |
| 17BPBPCNP | Civilian Emergency Preparedness The goal is to basics and main principles of Civil Emergency Preparedness (CNP), to the extent necessary for the understanding of safeguarding the population against the effects of emergencies or crisis situations non-military character. Cooperation in the field of CNP at the international level is particularly within the European Union and NATO. Cooperation between NATO and EU civil protection aims to better protect people, their environment, property and cultural heritage in the event of major natural disasters or disasters caused by human factors arising both inside and outside the EU. The training will be clarified as well as crisis intervention policy and preparedness UN and the OSCE and the basic structure of civil emergency preparedness and obligations of the State in protecting the population. | Z,ZK | 3 |
| 17BPBPTX | Drugs and Toxicomania They are given basic information about drugs and drug addiction. The main emphasis is placed on the distribution of drugs and dismantling drug abuse prevention. Problems of drug deaths, drug detection in biological materials, and legislation in the fight against drugs. The aim of the course is to gain knowledge on cutting drug use, drug addiction, and prevention in this field. | KZ | 2 |
| 17BPBEKRA | Ethics of Crises Management | Z | 3 |
| 17BPBENV | Environmental Security | KZ | 3 |
| 17BPBPFBA | Physics for Bachelors The goal is to create a physical pillar for further study. In the course of reciting the basics of mechanics, relativistic physics, basic electricity and magnetism, basic geometric and wave optics. | Z | 2 |
| 17BPBPHAE | Hygiene and Epidemiology | KZ | 2 |
| 17BPBPHKP | Emergency and Crisis Planning | Z,ZK | 4 |
| 17BPBISV | Information Systems in Crisis Management | Z,ZK | 4 |

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| 17BPBIPP | Information Technology and Telemetry | Z,ZK | 3 |
| 17BPBIPZS | Integrated Emergency Services | Z,ZK | 4 |
| 17BPBPKM | Crisis Management | Z,ZK | 4 |
| To acquaint students with the history and principles of crisis management procedures, the causes of the crises, the breakdown of the institution of crisis management, with the general principles of forces and means of creating crisis management, the essence of crisis situations, emergency procedures, strategies and information security crisis management. Emphasis is placed on the status of crisis management in public administration and the theoretical bases of crisis situations. | | | |
| 17BPBPKPS | Communication Instruments of Integrated Emergency Services | KZ | 3 |
| 17BPBPKRZ | Healthcare Crisis Management | ZK | 4 |
| The course acquaints students with the structure of emergency management authority in the Republic and the actual distribution area of crisis management bodies in public administration. Specifically, the course focuses on the scope of public administration related to healthcare. | | | |
| 17BPBPKSS | Traffic Crisis Situations | KZ | 2 |
| In the series of lectures and seminars, students are offered basic information on the issues of road transport, description of vehicles carrying dangerous substances according to ADR, duties driver transporting dangerous substances, in addition to requirements for vehicles and road traffic. | | | |
| 17BPBPLG | Logistics | KZ | 3 |
| The aim of this course is to acquaint students with current logistics business practices in the competitive environment of the EU, the CR and of world markets, preparing them for effective implementation of logistics management for a given company. | | | |
| 17BPBPLVK | Summer Training Course | Z | 2 |
| 17BPBPLZKS | Human Resources and Crisis Situations | Z | 3 |
| 17BPBPMB | Mathematics for Bachelors | Z,ZK | 4 |
| 17BPBPMKR1 | Management and Crisis Management I | Z | 4 |
| 17BPBPMKR2 | Management and Crisis Management II | ZK | 4 |
| The goal is to provide students with basic information about the theory and practice of management and major categories of necessary control functions. Emphasis will be placed on understanding managerial skills, profile manager, change management. The next part will be practiced principles of planning time, work efficiency manager, the specifics of management of government. | | | |
| 17BPBPMVP | Methodology of Scientific Research | Z | 2 |
| The course is an introduction to the basics of science - from the organization side of scientific activities in the Czech Republic and abroad, through organizational grant agencies. In addition methods of acquiring information through literature, Internet and other resources is examined - how to handle literature searches, how to proceed processing tasks, how to critically evaluate the results, as processes, as presentations (oral communication in lectures, seminars, poster communication, written presentations). Students learn in detail how to present the results of their scientific theories. | | | |
| 17BPBPOB | Building Safety | KZ | 3 |
| Course lectures are aimed at security problems associated with protecting people, property and buildings in terms of technical and technological solutions. The solution is based on security analysis, listed buildings and usable methods and techniques of safety management. Attention is devoted to the design and management of security systems using optimization in terms of their own security but also economic costs. | | | |
| 17BPBPOPR1 | Practical Training (Public Administration Departments of Crisis Management) | Z | 2 |
| 17BPBPOPR2 | Practical Training II (SÚJCHBO, SÚRO and Emergency Services) | Z | 3 |
| Professional experience allows students to apply at specialized institutes their theoretical knowledge and practical skills that they gained, from classrooms and laboratories. It provides scope for improving their habits and skills, teaches students independence, responsibility and teamwork. The course is under the guidance of a qualified trained mentor from the department, which shares responsibility for the student. Designs for workplace learning are selected based on established standards. The scope and content of professional practice is a defined curriculum, character study and practice of internal regulation, which provides formal and substantive conditions of practical training. | | | |
| 17BPBPOZP | Organization of Rescuing Actions | Z,ZK | 3 |
| The course is part of the specialist subjects, and is aimed at expanding students' managerial knowledge to protect the population. The course strives to acquaint students with a history of providing aid and relief organizations working various types of disasters. | | | |
| 17BPBPOZR | General Principles of Dealing with Emergency and Crisis Situations | Z,ZK | 4 |
| 17BPBPPKS | Psychology of Crisis Situations | KZ | 2 |
| The aim of this course is to acquaint students with various techniques and methods of helping individuals to cope and deal with stress, conflict, and crisis situations. This will allow them greater self-knowledge and knowledge of others, empathy, congruence, and acceptance. Integral parts of the practical training are individual techniques, group work, and final "inquiries" integrating the lessons learned and experiences acquired. | | | |
| 17BPBPPMS | Probability and mathematical statistics | Z,ZK | 4 |
| 17BPBPPMU | Prevention of Emergencies | KZ | 2 |
| The aim of the course is to acquaint students with the legislative basis and scope of administrative authorities in taking preventive measures to protect the population, both in the fight against organized crime, terrorism and in addressing issues related to the integration of foreigners and the threat of large-scale migration. They will be acquainted with the prevention and preparedness for major accidents and the protection of critical infrastructure. Furthermore, students will be acquainted with the scope and powers of administrative authorities in the field of fire protection and with the rights and obligations of legal and entrepreneurial natural persons and individuals in providing tasks in the field of fire protection and with the issue of flood control measures. | | | |
| 17BPBPPOK | Prevention and Detection of Crime | Z | 2 |
| The goal is to become familiar with the exploring the field of criminology, the causes and conditions of crime and its prevention, particularly with regard to crisis events. | | | |
| 17BPBPPPP | Pre-Medical Assistance and Care | Z,ZK | 4 |
| 17BPBPPTP | Professional Tactical Training | KZ | 4 |
| The goal is to provide students with basic information and knowledge about the training of armed and Rescue Service, important duties and skills required to perform management functions in people management and performance of professional duties. Emphasis will be placed on an understanding of organizational structure, purpose and function of these forces, their operation and usage policies. The next section will question the tactics practiced fire, military and police intervention, the principle of survival and the specifics of the deployment of foreign forces. | | | |
| 17BPBPRO | Radiation Protection | ZK | 4 |
| 17BPBPSBP | Bachelor Thesis Seminar | Z | 2 |
| The course should instill the proper way to handle the thesis, introduce them to basic requirements for the bachelor's typographical work and to familiarize them with modern methods of work with information sources and collect information, good practice to explain the presentation of results and enable them to learn the principles of information ethics and proper use bibliographic citations. | | | |

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| 17PBPSL | Forensic Medicine | ZK | 4 |
| The aim is to acquaint students with fundamental concepts of laws and practices relating to the death of a man (the definition and diagnosis of death, natural death, violent, sudden, unexpected, visitation of the deceased, autopsy), basic diagnostic procedures for autopsies, auxiliary tests (histological, histochemical, immunohistochemical, biochemical, toxicological, molecular biological), basic biomechanics, traumatology and forensic practices in mass disasters. | | | |
| 17PBSPS | Administrative Law. Public Administration and Local Government in the Area of Crisis Management | ZK | 4 |
| The aim is to introduce students to basic concepts of jurisprudence and legal practice, the role of man in the right and society, prescriptive regulation and legal systems and legislation in the IRS system, crisis management and economic measures for crisis situations. | | | |
| 17PBPTAH | Toxicological Aspects of Chemical Accidents and Chemical Weapons Misuse | ZK | 3 |
| The course summarizes the current knowledge and information about chemical accidents, an overview of laws and implementing regulations on chemical substances and prevention of accidents Czech and European legislation, as well as links between them. Identifies the main risks of acute chemical accidents. The goal is to further acquaint students with major pollutants and chemical warfare agents, including their impact on public health, and the principles of prevention and liquidation of consequences of the Integrated Rescue System. | | | |
| 17PBPTER | Risk Theory | Z,ZK | 3 |
| Student learn to use basic concepts of the theory of risk, methods and procedures of risk analysis techniques . | | | |
| 17PBTPR | Team Project | Z | 2 |
| 17PBPTR | Terrorism | ZK | 3 |
| The goal is to become familiar with possible causes, manifestations, and consequences of terrorism. | | | |
| 17PBPTV1 | Physical Education I. | Z | 1 |
| Physical education is focused on selected martial arts. These are mainly: Ninjutsu Karate Budo Aikido | | | |
| 17PBPTV2 | Physical Education II. | Z | 1 |
| 17PBPTV3 | Physical Education III. | Z | 1 |
| 17PBPTV4 | Physical Education IV | Z | 1 |
| 17PBVPBP | Internal Security and Public Order | Z,ZK | 4 |
| The mission of the course is to provide comprehensive information about the nature and orientation of the system and principles of internal security. Major emphasis is placed on the tasks of each body to protect social interests. The knowledge of features and content security police authorities acquire, both state and non-governmental, their mutual relations and external relations. On the regulatory importance of legal standards and analysis of investigation types of security activities, the characteristics of essential elements and methods of documenting the security situation, and the information systems important for the internal security of the Czech Republic. | | | |
| 17BPZBP | Bachelor Thesis | Z | 1 |
| 17BPZBK | Fundamentals of Crisis Management Economics | ZK | 4 |
| The aim of this course is to acquaint students with problems of economic measures for crisis situations in the civil emergency planning. Education is measured to obtain basic knowledge in emergency management, economic mobilization, regulatory measures, state material reserves and requirements for the construction of infrastructure. Emphasis will be placed also on the structure and main úkolky state material reserves. | | | |
| 17BPZIT | Fundamentals of Information Technology | KZ | 2 |
| 17BPZKM | Special Communication During Emergencies | Z | 2 |
| Students acquire a comprehensive knowledge of communication skills that could be applied in difficult situations. Students will become familiar with basic theoretical postulates of stress and management thereof, including a firm base on the techniques of crisis intervention and communication in emergency situations, both for individuals and in groups. Graduates will be able to use this vital knowledge in working in aid professions. | | | |
| 17BPZNZ | Fundamentals of Arms and Munitions | KZ | 3 |
| The goal is to provide students with basic information and knowledge about the construction and operating principles and how to use small arms, the knowledge and habits necessary for practical shooting. Emphasis will be placed on knowledge of laws, decrees and regulations dealing the possession and use of weapons, firing on the clarification of the rules and precautions when shooting. The next part will be practiced using service weapons issues in the conflicts and operations, and practical training in shooting of short and long of small arms. | | | |
| 17BPZPR | Fundamentals of Pyrotechnics | KZ | 3 |
| In this series of lectures and seminars, students are acquainted with the history, structure, basic terminology, principles and legislation of pyrotechnic activities. The courses are conducted and sample imitation performance measures are used in the Czech Republic Army and Police of the Czech Republic areas. The examination will be based on knowledge of current issues and practices towards the rules that determine the types of activities that may be carried out. | | | |
| 17BPZRRBA | Fundamentals of Radiobiology and Possible Misuse of Radiological and Biological Agents | ZK | 3 |
| The aim of the course is to acquaint students with 21st century security risk, which is the phenomenon of terrorism and the principles of organization of medical assistance and first aid misuse of biological agents and nuclear and radiological materials. The hazards of these substances are potentially either directly (nuclear and radiological weapons, dirty bombs, biological agents, various forms of contamination, the use of toxins produced by microorganisms) or indirectly in attacks on civilian targets using nuclear and other radioactive materials and biological agents (typically nuclear power, research facilities or powerful radioactive sources used in industry and medicine). Options prevention, safety measures, the motion detection and pre-medical aid in threat these substances, materials and agents. Control of these hazardous substances and materials, international recommendations and requirements of the role of international organizations, legislative instruments and protection system against the potential dangers of the possible use of these substances or uncontrolled release into the environment due to sabotage or attacks on the installations. | | | |
| 17BPZS | Fundamentals of Somatology | ZK | 4 |
| 17BPZTS | Fundamentals of Theory of State and Law | ZK | 3 |
| 17BPZTX | Fundamentals of Toxicology | Z,ZK | 3 |
| 17BPZZT | Introduction to Rescue Equipment | KZ | 3 |

For updated information see <http://bilakniha.cvut.cz/en/FF.html>

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