Where to Learn Python from Scratch: Collection of Courses

Nearly 40 of the Best Python Courses: Online, Offline, in English and Russian

The online education market offers numerous Python courses. Everyone can find a course that helps achieve the desired goal: take the first steps in programming, prepare for exams, explore a different profession, change careers, improve professional skills, or gain experience. You can learn independently or in a group, with the help of a mentor, or through interactive online platforms, either by paying or for free, with or without a certificate.

In this article, we've compiled an extensive list of 39 courses offering Python programming training. These courses are designed for various purposes—from teaching language basics and syntax, providing coding practice, to working with databases, libraries, frameworks, and developing your web applications. We've grouped the courses into categories: paid, free, and by duration of study.

Note: This compilation has not included educational programs focused on analytics and data science.

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How Python Courses Differ and How to Evaluate Them

Duration and Format: In addition to course length and recommended study time, programs differ in their learning formats. These may include cohort-based learning, blended learning, or fully self-paced study. Cohort-based learning tends to be more structured and intensive, with participants supporting each other in a group. Self-paced formats offer more flexibility, allowing students to start at any time, but also place greater responsibility on the learner.

Development Environment: Some programs provide interactive coding platforms for hands-on practice, while others require students to work directly in Integrated Development Environments (IDEs).

Certification: If a school issues a certificate or diploma, it does so under an educational license from the Russian Federation. For Russian tax residents, this may offer the additional benefit of a tax deduction for education costs. Some schools issue certificates without licenses. While these certificates can still be added to resumes or portfolios as proof of training, they do not qualify for tax deductions.

Portfolio: Most Python development courses offer the opportunity to build a portfolio during the training. These may include mini-projects or larger works that undergo code reviews, allowing you to showcase your skills to potential employers. Some courses feature one large project, while others focus on smaller projects that target specific skills and topics.

Price: Many training programs offer monthly payment plans, often with installment options through partner banks. Training costs vary depending on the school's marketing promotions and the specific service package chosen.

Trial Access: Some educational platforms offer demo versions of their courses, allowing potential students to evaluate the clarity of the material, the functionality of the coding platform, and the speed of feedback.

Access to Course Materials: Not all schools and educational platforms provide lifetime access to course materials. Some limit access to the duration of the course, while others may charge additional fees for extended access.

Skill Map

To keep the material concise and avoid overloading each course description, we've compiled and categorized the skills taught by various online schools. In the course descriptions, we will refer to the following categories by their names:

- **Python Fundamentals**: Syntax, loops, variables, standard library, program structure, data types, file handling.
- **Tools**: Version control systems, IDEs.
- **Computer Science**: Data structures, algorithms, Object-Oriented Programming (OOP).
- **Backend Development**: Django framework, JSON and XML formats, AJAX, network protocols, API integration, database management, REST API.
- **Frontend Development**: JavaScript basics, HTML, CSS, Flexbox, responsive design, web page layout.
- **Additional Libraries and Frameworks**: React, Redux, Vue, Angular.
- **Introduction to DevOps**: Linux basics, Linux command line, Docker, CI/CD pipelines, software development lifecycle.
- **Testing**: Automated and manual testing, testing libraries.
- **Full-stack Development**: Comprehensive skill sets covering both frontend and backend development.

Paid Courses Lasting 6 to 14 Months

Comprehensive training is a type of education in which, within one year, a student acquires a new profession and not only improves their knowledge and practice but also learns how to work in a team, attend interviews, and respond to questions from HR and the hiring team. Typically, the more expensive version of courses includes career support, portfolio assistance, resume review, and job search assistance.

Skillfactory: Full-stack Python Developer

This course is designed to help beginners break into the IT field from scratch, covering not only standard topics like syntax and frameworks but also practical skills essential for real-world development, such as the software lifecycle,

deployment, containers, and testing.

Target Audience 🙋: Programming beginners and developers from other languages.

Learning Methods 💼: Interactive exercises, tests, video lessons, online meetups, hackathons, and end-to-end projects.

Curriculum 📚: Python Fundamentals. Development Tools. Computer Science. Backend Development. Frontend Development. Additional Libraries and Frameworks. Introduction to DevOps. Testing. Full-stack Development

Duration 📅: 14 months

Study Time ⌛ : 10 hours per week

Cost 💳: Monthly payments starting at 4.167 RUB; total cost: 137.500 RUB

Format 💻: Cohort-based

Portfolio Projects ☝ : 7

Certification 🥇 : Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪:

- Mentor feedback
- Lifetime access to course materials
- Career counseling
- Internship opportunities
- No trial access

Learn More https://skillfactory.ru/python-fullstack-web-developer

Logomashina: Full-stack Python Developer

This course is an excellent choice for beginners, even those with a non-technical background. It features interactive exercises with instant feedback on homework, and opportunities to discuss key points with an instructor.

Target Audience 🙋‍♀️: Non-programmers

Learning Methods 💼: Interactive exercises, tests, homework assignments, projects, hackathons

Curriculum 📚: Python Fundamentals. Development Tools. Computer Science. Backend Development. Frontend Development. Additional Libraries and Frameworks. Introduction to DevOps. Testing. Full-stack Development

Duration 📅: 14 months

Study Time ⏳: 10 hours per week

Cost 💳: Monthly payments from 2,916 RUB; total cost: 97,628 RUB

Format 💻: Cohort-based

Portfolio Projects ☝️: 6

Certification 🏅: Certificate of Advanced Training or Professional Retraining Diploma

Last Content Update: 2023

Course Features 💪:

- Mentor feedback
- Career counseling
- Internship opportunities
- Limited access to course materials
- No trial access

Learn More https://study.logomachine.ru/python-fullstack-web-developer

Otus: Python Developer

Unlike the courses mentioned above, this one covers not only the Django framework but also Flask, a lightweight and easy-to-learn Python framework.

Who it's for 🙋‍♀️: Beginners and junior Python developers

Learning Format 💼: Trainers, tests, homework assignments, projects, hackathons

First Stage Curriculum 📚: Python programming fundamentals. Tools. Computer science. Backend development (+ Flask). Introduction to DevOps. Python for data science

Second Stage Curriculum 📚: Advanced Python. Development practices. Functional and procedural programming. Virtual machine. Software quality. Task automation. Web project scaling. Libraries and tools for data analysis. Introduction to Go language

Duration 📅: 10 months

Study Time ⏳: 4+ hours per week

Cost 💳: Installments from 17,400 RUB per month; total cost for both stages: 174,000 RUB

Format 💻: Cohort-based

Number of Portfolio Projects ☝: 2

Certification 🏅: Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪:

- Mentor feedback
- Lifetime access
- Career counseling
- No internship
- No trial access

Learn More: https://otus.ru/lessons/python-specialization

Hexlet: Python Developer

As a popular online school among programmers, Hexlet focuses primarily on web

development and building a dev community. It also offers many additional projects, such as a list of city-based IT communities or open-source projects.

Who it's for 🙋 : Programming Beginners

Learning Format 💼 : Video lessons and coding projects, text-based theory, mentorship, webinars, live coding. There are no deadlines, but access to materials after the course ends requires a monthly payment.

Curriculum 📚 : Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Introduction to DevOps. Testing. Full-stack development. Working with others' code and open-source projects

Duration 📅 : 10 months

Study Time ⏳ : 15+ hours per week

Cost 💳 : Installments start from 6,300 RUB per month; total cost: 134,100 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 4

Certification 🥇 : Certificate of completion from Hexlet

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Trial access
- Limited access to course materials

Learn More: https://ru.hexlet.io/programs/python

Computer Academy Top: Python Online Courses

One of the most affordable comprehensive Python courses. A key advantage is the international certificates, which can assist in finding jobs abroad (though this can be challenging for juniors).

Who it's for 🙋 : High school students and graduates aged 15 to 18, university students, programming beginners, or those looking to switch programming languages

Learning Format 💼: In-person and online formats, with only live video lessons (no pre-recorded sessions), groups of up to 25 people

Curriculum 📚: Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Full-stack development

Duration 📅: 12 months

Study Time ⏳ : 4+ hours per week

Cost 💳: Installments starting from 2,380 RUB per month; total cost: 72,830 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 7

Certification 🥇 : International diploma from Computer Academy Top and international certificates from partner companies

Key Features of the Python Development Course 💪:

- Mentor feedback
- Limited access to the course
- No trial access
- No career counseling
- No internship opportunities

Learn More: https://online.top-academy.ru/python_course

Eduson Academy: Python Developer

Another highly affordable comprehensive course (excluding discounts). The creators promise up to seven portfolio projects and regular video code reviews by instructors.

Who it's for 🙋 : Programming beginners familiar with basic school-level math

Learning Format 💼: Projects with different levels of complexity for portfolio building, video lessons, practical assignments, code reviews, interactive workbooks, trainers, video code analysis

Curriculum 📚: Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Full-stack development. Remote work skills

Duration 📅 : 9 months

Study Time ⏳ : 3-5 hours per week

Cost 💳: Installments start from 6,166 RUB per month; total cost: 64,750 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 5-7

Certification 🏅 : Certificate of Advanced Training or Professional Retraining Diploma

Last Updated: 2023

Course Features 💪 :

- Mentor feedback
- Lifetime access
- Career counseling
- Internship opportunities
- No trial access

Learn More: https://eduson.academy/python-new

Skypro: Python Developer

A course from the Skyeng online school creators. The program is fairly common: an online platform with a trainer, webinars, and instructor feedback.

Who it's for 🙋 : Programming beginners and those with experience in other languages

Learning Format 💼 : 40-minute video lectures, practical assignments, trainer, instructor support, webinars

Curriculum 📚 : Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Full-stack development

Duration 📅 : 9 months

Study Time ⏳ : 10 hours per week

Cost 💳 : Installments start from 4,074 RUB per month; total cost: 103,461 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 7

Certification 🥇 : Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪 :

- Mentor feedback
- Lifetime access
- Career counseling
- Internship opportunities
- No trial access

Learn More: https://sky.pro/courses/programming/python-web-course

Yandex Practicum: Python Developer

A unique feature of Yandex Practicum courses is the selection process during payment and a "dropout" system if a certain amount of assignments is not completed.

Who it's for 🙋 : Those starting in programming

Learning Format 💼: Theory and practice through an interactive trainer, webinars, lectures, and portfolio projects

Curriculum 📚: Python fundamentals. Tools. Computer science. Backend development. Additional libraries and frameworks. Introduction to DevOps

For more detailed information, check out our article comparing this course with the one from Skillbox.

Duration 📅: 9 months

Study Time ⌛ : 15 hours per week

Cost 💳: Installments starting from 7,129 RUB per month; total cost: 138,600 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 7

Certification 🥇 : Professional Retraining Diploma from Yandex Practicum or a course completion certificate

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Trial access
- Limited access to course materials

Learn More: https://practicum.yandex.ru/backend-developer/

Yandex Practicum: Python Developer Plus

An extended course by Yandex Practicum, which helps to reach a junior+ level, making you a confident developer right after completing the program.

Who it's for 🙋: For a confident start in programming

Learning Format 💼: Theory and practice through an interactive trainer, webinars, lectures, and portfolio projects

Curriculum 📚:

Programming language fundamentals. Tools. Computer science. Backend and Frontend development. Libraries and frameworks. Introduction to DevOps. Data parsing. Flask framework. Python and Google services

Duration 📅: 14 months

Study Time ⏳: 15-20 hours per week

Cost 💳: Installments starting from 11,090 RUB per month; total cost: 215,600 RUB

Format 💻: Cohort-based

Number of Portfolio Projects ☝: 12

Certification 🥇: Professional Retraining Diploma from Yandex Practicum or a course completion certificate

Key Features of the Python Developer Plus Course 💪:

- Mentor feedback
- Career counseling
- Internship opportunities
- Trial access
- Limited access to course materials

Learn More: https://practicum.yandex.ru/python-developer-plus/

Yandex Practicum: Python Developer, Middle Level

One of the few courses designed for advanced Python developers. It is positioned as a program to help in the transition from a junior to a middle-level developer (according to Yandex standards—meaning the bar is quite high).

Who it's for 🙋 : Experienced Python developers

Learning Format 💼 : Theory and practice through an interactive trainer, webinars, lectures, portfolio projects, and team-based sprint work

Curriculum 📚 : Admin Panel and ETL services. Async API. Authorization. UGC. Notifications

Duration 📅 : 6 months

Study Time ⌛ : 20 hours per week

Cost 💳 : Installments starting from 4,886 RUB per month; total cost: 95,000 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 6

Certification 🥇 : Professional Retraining Diploma from Yandex Practicum or a course completion certificate

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Trial access
- Limited access to course materials
- For experienced developers

Learn More: https://practicum.yandex.ru/middle-python/

Netology: Python Developer From Scratch

In addition to learning the standard practices for a Python web developer, the authors of the course included a module in technical English. This will help you improve your vocabulary, learn common phrases for interviews, and understand how to write a CV.

Who it's for 🙋 : Programming beginners or experienced frontend developers

Learning Format 💼 : Video lectures, webinars, articles, and individual assignments, with access to materials for three years after course completion

Curriculum 📚 :

Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Introduction to DevOps. Testing. Full-stack development. English for developers

Duration 📅 : 12 months

Study Time ⏳ : 15 hours per week

Cost 💳 : Installments starting from 4,425 RUB per month; total cost: 101,100 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 3

Certification 🥇 : Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Limited access to course materials
- No trial access

Learn More: https://netology.ru/programs/python

GeekBrains: Python Developer

The course creators took an alternative approach by adding another popular language in web and desktop development C# as a bonus. This will help you get familiar with Microsoft's ecosystem.

Who it's for 🙋 : Those who have never tried programming

Learning Format 💼: A two-level program: basic and advanced. Lectures, webinars, evening classes several times a week, practical assignments, and recorded lectures. Course access for 3 years, with an option to extend.

Curriculum 📚:

Python fundamentals. Tools. Computer science. Backend development (using Flask). Frontend development. Additional libraries and frameworks. Introduction to DevOps. Testing. Full-stack development. C# fundamentals

Duration 📅: 9 months

Study Time ⌛ : 12 hours per week

Cost 💳: Installments start from 2,612 RUB per month; total cost: 79,927 RUB

Format 💻: Cohort-based

Number of Portfolio Projects ☝ : 7

Certification 🥇 : Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪:

- Mentor feedback
- Career counseling

- Internship opportunities
- Limited access to course materials
- No trial access

Learn More: https://gb.ru/geek_university/developer/programmer/python

Brunoyam: Python Developer

This course follows a fairly standard flow: in addition to syntax and an introduction to computer science, you'll learn the Django framework and processes related to service development.

Who it's for 🙋: Those looking to start a new profession or use Python for personal purposes

Learning Format 💼: Weekly theoretical modules, webinars

Curriculum 📚: Programming language fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Introduction to DevOps. Testing

Duration 📅: 7 months

Study Time ⌛ : 10 hours per week

Cost 💳: Installments start from 6,242 RUB per month; total cost: 76,653 RUB

Format 💻 : Cohort-based or self-paced

Number of Portfolio Projects ☝ : 4

Certification 🥇 : Certificate of completion from Brunoyam

Last updated: December 2022

Course Features 💪 :

- Mentor feedback

- Lifetime access
- Career counseling
- Internship opportunities
- No trial access

Learn More: https://brunoyam.com/online-kursy/python-s-nulya

Skillbox: Python Developer

The course is continuously updated and refined, and as a bonus, creators offer a module on the lightweight Flask framework and technical English. The course has been around for several years and is now thoroughly polished based on student feedback.

Who it's for 🙋 : Programming beginners and aspiring Python developers

Learning Format 💼 : Video lectures, practical assignments, projects, team-based work

Curriculum 📚 :

Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Introduction to DevOps. Testing. Full-stack development. Flask framework

Duration 📅 : 10 months

Study Time ⌛ : 3-5 hours per week

Cost 💳 : Installments start from 4,191 RUB per month; total cost: 128,250 RUB

Format 💻 : Self-paced learning and team internship

Number of Portfolio Projects ☝ : 3

Certification 🏅 : Skillbox certificate or Professional Retraining Diploma

Last updated: 2023

Course Features 💪:

- Mentor feedback
- Lifetime access
- Career counseling
- Internship opportunities
- Trial access

Learn More: https://skillbox.ru/course/profession-python-tariff

Productstar: Python Developer

In this course, Django replaces Flask, and the basics of data science are added to the standard modules. Whether to choose such a broad profile for starting a career and how it will help to advance in your main specialization is up to you to decide.

Who it's for 🙋: Programming beginners. Upon completion, you can specialize in WebDev, DevOps, or data science.

Learning Format 💼: Video lessons, workshops, mentor support, hackathons

Curriculum 📚: Python fundamentals. Tools. Computer science. Backend development (using Django). Frontend development. Additional libraries and frameworks. Introduction to DevOps. Basics of data science

Duration 📅: 10 months, with the option for more intensive learning

Cost 💳: Installments starting from 6,895 RUB per month; total cost: 125,000 RUB

Number of Portfolio Projects ☝: 10

Format 💻: Self-paced learning with group workshops and hackathons

Certification 🥇 : Electronic certificate of course completion based on a licensed program

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Limited access to the course
- No trial access

Learn More: https://new.productstar.ru/prof_start_python_advancetariff

Skillfactory: Python Developer

Most of the coursework involves watching videos independently. However, there are also webinars, group discussions, and topic reviews. The curriculum is comprehensive, covering everything necessary to start web development using Django.

Who it's for 🙋 : Programming beginners

Learning Format 💼 : Theoretical modules, independent tasks, webinars, three trainers, mentor support

Curriculum 📚 :

Python fundamentals. Tools. Computer science. Backend development. Frontend development. Additional libraries and frameworks. Introduction to DevOps

Duration 📅 : 9-14 months

Study Time ⏳ : 10 hours per week

Cost 💳 : Installments start from 3,167 RUB per month; total cost: 103,461 RUB

Format 💻 : Self-paced learning with group webinars

Number of Portfolio Projects ☝ : 2 large cases and 6 projects

Certification 🥇 : Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪 :

- Mentor feedback
- Lifetime access
- Career counseling
- Internship opportunities
- No trial access

Learn More: https://skillfactory.ru/python-developer

SF Education: Backend Python Developer

This course is designed for IT students and practicing developers. It includes a simulator for self-checking assignments and is the most affordable course in this selection.

Who it's for 🙆 : Programmers and technical university students

Learning Format 💼 : Webinars, instructor support, team projects, consultations, practical assignments

Curriculum 📚 :

Programming language fundamentals. Tools. Computer science. Backend development (+ Flask). Additional libraries and frameworks. Introduction to DevOps. Testing. SQL

Duration 📅 : 10 months

Study Time ⏳ : 5 hours per week

Cost 💳 : Installments start from 2,395 RUB per month; total cost: 51,750 RUB

Format 💻 : Self-paced learning

Number of Portfolio Projects ☝️ : 1

Certification 🥇 : Certificate of Advanced Training or Professional Retraining Diploma

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Trial access
- Limited access to course materials

Learn More: https://sf.education/bkpython

Paid Courses Lasting from 1 Month to half a year

Otus: Python Developer. Basics

An intensive course that condenses the content of a larger program into 5 months. Be prepared to work hard.

Who it's for 🙋 : Beginner Python developers

Learning Format 💼 : Webinars, instructor support, team projects, consultations, practical assignments

Curriculum 📚 :

Programming language fundamentals. Tools. Computer science. Backend development (+ Flask). Additional libraries and frameworks. Introduction to DevOps. Testing. Data science

Duration 📅 : 5 months

Study Time ⏳ : 10 hours per week

Cost 💳 : 108,000 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects 👆 : 1

Certification 🥇 : Otus certificate

Course Features 💪 :

- Mentor feedback
- Limited access to course materials
- No career counseling
- No internship opportunities
- No trial access

Learn More: https://otus.ru/lessons/python-basic

Skillbox: Python Basics

A foundational course on Python, which is also part of the larger Skillbox program. It includes everything you need to start programming: syntax, small projects, and over a hundred practical tasks.

Who it's for 🙋 : Beginner Python developers, IT specialists, developers in other languages

Learning Format 💼 : Video lectures, projects, support from a curator

Curriculum 📚 : Python fundamentals. Tools. Computer science

Duration 📅 : 4 months

Study Time ⏳ : 10 hours per week

Cost 💳 : Installments starting from 6,417 RUB per month; total cost: 60,500 RUB

Format 💻 : Self-paced learning

Number of Portfolio Projects ☝️ : 1

Certification 🏅 : Not specified

Course Features 💪 :

- Mentor feedback
- Lifetime access
- No career counseling
- No internship opportunities
- No trial access

Learn More: https://skillbox.ru/course/python-basic

Otus: Python Developer. Professional

An advanced Python course covering topics primarily of interest to practicing developers.

Who it's for 🙋 : Those who have completed the Python Developer Basic course or practicing Python developers

Learning Format 💼: Admission to the course requires passing an entrance exam

Curriculum 📚: Advanced Python. Advanced Django. Fundamentals of Data Engineering. Fundamentals of Highload

Duration 📅: 5 months

Study Time ⌛ : 10-15 hours per week

Cost 💳: 95,000 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝️ : 1

Certification 🏅 : Otus certificate

Course Features 💪 :

- Mentor feedback
- For experienced developers
- Limited access to course materials
- No career counseling
- No internship opportunities
- No trial access

Learn More: https://otus.ru/lessons/python-professional

Skillfactory: Intensive Python Developer in 3 Months

A very demanding course—you'll need to study full-time for three months. It won't be possible to combine the course with work or university/school studies, as you'll need to set everything aside during this period.

Who it's for 🙋 : Those ready to study full-time for three months—8 hours a day

Learning Format 💼 : Intensive and fast-paced course, theory, practical assignments, trainers, mentor support, webinars

Curriculum 📚 : Python fundamentals. Tools. Computer science. Backend development. Frontend development

Duration 📅 : 3 months

Study Time ⏳ : 8 hours per day, 40 hours per week

Cost 💳 : Installments start from 4,840 RUB per month; total cost: 106,480 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝ : 6

Certification 🏅 : Certificate

Course Features 💪 :

- Mentor feedback
- Career counseling
- Internship opportunities
- Limited access to the course
- No trial access

Learn More: https://skillfactory.ru/python-intensive

Yandex Practicum: Mastering Asynchronous Programming with Python

This course is not for beginners but for seasoned developers. It offers a fast and deep dive into asynchronous programming and parallel computing. If you're thinking about performance, this will come in handy.

Who it's for 🙋 : Practicing Python developers who want to deepen their knowledge of asynchronous and parallel programming

Learning Format 💼 : Trainers, tests, video lessons, online meetups, hackathons, end-to-end projects

Curriculum 📚 : Asynchronous and parallel programming in Python. Converting synchronous code to asynchronous. Asynchronous frameworks. Asynchronous application infrastructure

Duration 📅 : 2.5 months

Study Time ⏳ : 10-15 hours per week

Cost 💳 : Installments starting from 2,057 RUB per month; total cost: 40,000 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝️ : 5

Certification 🏅 : Professional Retraining Diploma from Yandex Practicum or course completion certificate

Course Features 💪 :

- Mentor feedback
- Career counseling
- Trial access
- For experienced developers
- Limited access to course materials
- No internship opportunities

Learn More: https://practicum.yandex.ru/async-python

International School of Professions: Python for Beginners

An affordable and quick start in Python. While it's unlikely that you find a job immediately after completing a course, it provides an excellent foundation for understanding the basics. This knowledge will enable you to independently learn and add necessary frameworks to your skill set later on.

Who it's for 🙋 : Programming beginners

Learning Format 💼: Interactive sessions, webinars, recorded lessons, communication with instructors

Curriculum 📚: Python fundamentals. Tools. Computer science. Backend development

Duration 📅 : 8 weeks

Study Time ⏳ : 3-4 hours per week

Cost 💳: Installments start from 3,300 RUB per month; total cost: 19,400 RUB

Format 💻: Cohort-based

Number of Portfolio Projects 👆: 3

Certification 🥇: Certificate of Advanced Training or Professional Retraining Diploma

Access to course materials: 3 months

Course Features 💪:

- Mentor feedback
- Limited access to the course
- No career counseling
- No internship opportunities
- No trial access

Learn More:
https://online.videoforme.ru/computer-programming-school/python-courses-web

LoftSchool: Python Basics

A course that offers basic knowledge with an interesting approach—the entire workflow mimics a real technical team, with sprints and daily stand-ups.

Who it's for 🙋: Those who want to become a programmer from scratch

Learning Format 💼: Work in sprints, daily task plans, independent work, group sessions

Curriculum 📚: Python fundamentals. Tools. Computer science

Duration 📅: 6 weeks

Study Time ⏳: 8 hours a day, 40 hours per week

Cost 💳: Installments start from 893 RUB per month; total cost: 21,450 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects 👆 : 1

Certification 🏅 : Certificate with a grade

Course Features 💪 :

- Mentor feedback
- Lifetime access
- No career counseling
- No internship opportunities
- No trial access

Learn More: https://loftschool.com/course/python-for-beginners

Hexlet: Python Developer Foundations Bootcamp

An intensive course for those who have never written code—an active dive into the basics of the language in just 2 weeks. It's not full-time, but you'll need to study for a couple of hours almost every day.

Who it's for 🙋 : Programming beginners who are ready for a very intensive schedule

Learning Format 💼 : Theoretical materials, practical assignments, online trainers, webinars

Curriculum 📚 : Python fundamentals. Tools. Computer science

Duration 📅 : 2 weeks

Study Time ⏳ : 5-10 hours per week

Cost 💳 : 990 RUB

Format 💻 : Cohort-based

Number of Portfolio Projects ☝️ : 1

Certification 🏅 : Hexlet certificate

Course Features 💪 :

- Mentor feedback
- Limited access to the course
- No career counseling
- No internship opportunities
- No trial access

Learn More: https://pre.hexlet.io/python

Coursera: Programming for Everybody (Getting Started with Python)

A purely theoretical course on one of the most popular online platforms. You won't have any portfolio projects, but you'll need to complete practical tasks for each topic.

Who it's for 🙋 : Programming beginners

Learning Format 💼: Video recordings and theoretical materials in English with Russian subtitles. Free access for 7 days

Curriculum 📚: Python fundamentals

Duration 📅: 7 weeks

Study Time ⏳ : 2-3 hours per week

Cost 💳: 45 euros per month

Format 💻 : Self-paced learning

Number of Portfolio Projects ☝️ : None

Certification 🥇 : Coursera certificate

Course Features 💪 :

- Lifetime access
- Free trial
- Taught in English
- No mentor support
- No career counseling
- No internship opportunities

Learn More: https://www.coursera.org/learn/python

Coursera: Crash Course on Python

Another Python program on Coursera—this course covers the basics of the language, providing an introduction to Python's core functions and capabilities.

Who it's for 🙋 : People unfamiliar with programming

Learning Format 💼 : Video lectures and theoretical materials

Curriculum 📚 : Python fundamentals

Duration 📅 : 6 weeks

Study Time ⌛ : 2-3 hours per week

Cost 💳 : 36 euros per month

Format 💻 : Self-paced learning

Number of Portfolio Projects ☝ : 1

Certification 🥇 : Coursera certificate

Course Features 💪 :

- Lifetime access
- Free trial
- Taught in English
- No mentor support
- No career counseling
- No internship opportunities

Learn More: https://www.coursera.org/learn/python-crash-course

Stepik: Python for Those Who struggle

A course from the Russian online platform for self-paced learning. It helps introduce you to the language and teaches how to solve basic everyday tasks to improve personal efficiency, like writing simple scripts.

- **Who it's for** 🙋: Programming beginners, professionals in related fields
- **Learning Format** 💼: Theoretical articles and practical tasks

Curriculum 📚: Python fundamentals. Tools

Duration 📅: 6 weeks

Study Time ⏳ : 3-5 hours per week

Cost 💳: 2,890 RUB

Format 💻 : Self-paced learning

Number of Portfolio Projects ☝ : None

Certification 🏅 : Stepik certificate

Course Features 💪 :

- Lifetime access
- Free trial
- Taught in English
- No mentor support
- No career counseling

- No internship opportunities

Learn More: https://stepik.org/85388

Paid Short Courses (Up to 1 Month Duration)

Coursera: Programming in Python

This course serves as an introductory step for those aiming to work with databases or backend development in the future. While it doesn't cover these topics directly, the focus is on essential Python skills that will be valuable for such career paths.

Who it's for 🙋 : Individuals preparing for a career in server-side development or database engineering

Learning Methods 💼 : Interactive exercises, tests, video lessons, online meetups, hackathons, end-to-end projects

Curriculum 📚 : Python Fundamentals. Development Tools. Computer Science

Duration 📅 : 44 hours

Study Time ⏳ : Flexible, at the student's discretion

Cost 💳 : 45 euros per month

Format 💻 : Self-paced learning

Portfolio Projects ☝ : None

Certification 🥇 : Coursera certificate

Course Features 💪 :

- Lifetime access to materials
- Free trial available
- Taught in English
- No mentor support

- No career counseling
- No internship opportunity

Learn More https://www.coursera.org/learn/programming-in-python

Udemy: The Complete Python Bootcamp From Zero to Hero in Python

In addition to video lectures, this course includes supplementary study materials from external platforms, such as articles, instructions, and documentation.

Who it's for 🙋 : Beginners new to Python

Learning Methods 💼 : Video lectures, exercises, curated additional resources

Curriculum 📚 : Python Fundamentals. Development Tools. Computer Science. Testing

Duration 📅 : 10 days or 22 hours

Recommended Study Time ⏳ : 8-10 hours per week

Cost 💳 : 85 euros

Format 💻 : Self-paced learning

Portfolio Projects ☝ : None

Certification 🥇 : Udemy certificate

Course Features 💪 :

- Lifetime access to materials
- Free trial available
- Taught in English
- No mentor support
- No career counseling
- No internship opportunity

Learn More: https://www.udemy.com/course/complete-python-bootcamp/

Udemy: The Python Mega Course: Learn Python in 60 Days with 20 Apps

This course teaches the basics of frontend development and Python, along with how these two areas work together. While it doesn't offer in-depth coverage, it provides a solid introduction to the field.

Who it's for 🙋 : Anyone interested in learning Python

Learning Methods 💼 : Video lectures, exercises, articles

Curriculum 📚 : Python Fundamentals. Development Tools. Computer Science. Frontend Development

Duration 📅 : 4 days (8 hours total)

Recommended Study Time ⏳ : 2-5 hours per day

Cost 💳 : 150 euros

Format 💻 : Self-paced learning

Portfolio Projects ☝ : None

Certification 🥇 : Udemy certificate

Last Updated: 2022

Course Features 💪 :

- Mentor feedback available
- Lifetime access to materials
- Taught in English
- No career counseling
- No internship opportunities
- No free trial

Learn more **https://www.udemy.com/course/the-python-mega-course/**

Udemy: Python For Beginners: Quick Start Guide to Python 3

Quick Dive into Python. This course, like others in this section, won't provide deep knowledge or extensive hands-on experience but will help you decide if Python is the right fit for you.

Who it's for 🙆 : Programming beginners, developers from other languages

Learning Methods 💼 : Video lectures

Curriculum 📚 : Python Fundamentals. Testing

Duration 📅 : 4 days (7 hours total)

Cost 💳 : 20 euros

Format 💻 : Self-paced learning

Portfolio Projects 👇 : None

Certification 🥇 : Udemy certificate

Course Features 💪 :

- Taught in English
- No mentor support
- Limited access to course materials
- No career counseling
- No internship opportunities
- No free trial available

Learn more
https://www.udemy.com/course/python3-a-beginners-quick-start-guide-to-python

Coursera: Python for Data Science, AI & Development

A Tiny Course to Try Data Work in Python. This mini-course gives you a chance to experiment with data in Python, laying the groundwork for future learning in data science and AI.

Who it's for 🙆 : Aspiring programmers or analysts

Learning Methods 💼: Theory, videos, tests, quizzes. Course by IBM.

Curriculum 📚: Python Fundamentals. Development Tools. Parsing

Duration 📅: 2.5 hours

Study Time ⌛: Flexible, at your own pace

Cost 💳: 36 euros

Format 💻: Self-paced learning

Portfolio Projects ☝: None

Certification 🏅: Coursera certificate

Course Features 💪:

- Lifetime access to materials
- Free trial available
- Taught in English
- No mentor support
- No career counseling
- No internship opportunities

Learn more
https://www.coursera.org/learn/python-for-applied-data-science-ai?specialization=ibm-full-stack-cloud-developer

Free Courses

In this section, we've compiled a list of free educational programs that do not offer internships, career counseling, or mentoring. Free courses from major EdTech platforms such as Skillbox, Yandex Practicum, Netology, and others will not only help you acquire knowledge but also familiarize you with different learning formats. Additionally, courses from other platforms can provide a strong foundation for further learning in Python programming. While all the free courses in this list must be completed independently, some even offer instructor feedback.

JetBrains: Introduction to Python

This course is conducted directly within your IDE and is available as a plugin. A series of practical exercises with automatic verification helps you master the basic syntax of Python.

Who it's for 🙋 : Anyone interested in learning Python.

Course Structure 💼 : 10 lessons integrated as a plugin for the PyCharm development environment.

Curriculum 📚 : Python fundamentals and tools

Study Time ⏳ : Flexible

Number of Portfolio Projects ☝ : 0

Last Updated: 2023

Course Features 💪 :

- Lifetime access to materials
- Taught in English
- No feedback provided

Learn more: https://plugins.jetbrains.com/plugin/16630-introduction-to-python

Stepik: «Programming in Python»

A solid program from the Institute of Bioinformatics, is often recommended as a starting point in product management and product analytics communities.

Who it's for 🙋 : Complete beginners with no programming experience

Course Structure 💼 : Video lessons, theory, and practical assignments with automatic verification, based on the Institute of Bioinformatics program

Curriculum 📚 : Python basics and tools

Time Commitment ⏳ : 3-6 hours per week

Portfolio Projects ☝ : None

Certification 🥇 : Certificate from Stepik and the Institute of Bioinformatics

Last Updated: 2023

Course Features 💪 :

- Lifetime access
- No feedback provided

Learn More: https://stepik.org/67

CodeBasics: Free Python Course for Beginners

This user-friendly platform offers an interactive trainer with automated checking of practical assignments. While it won't make you a professional programmer, it's a great resource to learn Python's basic capabilities and understand how to write simple scripts.

Who it's for 🙋 : Anyone interested in learning Python

Learning Method 💼 : Interactive lessons with in-browser practice

Curriculum 📚 : Python Basics, Tools

Study Time ⏳ : Flexible, at your own pace

Number of Portfolio Projects ☝ : None

Course Features 💪 :

- Feedback provided
- Lifetime access

Learn More: https://code-basics.com/ru/languages/python

Yandex Practicum: Python Development Fundamentals

This is a marketing "sample" of the larger Python courses offered by the same platform.

Who it's for 🙋 : Those who want to learn the basics of backend development but haven't decided on a programming language yet

Learning Format 💼 : Theory, trainer, tasks, project

Curriculum 📚 : Python basics, tools, backend development (basic introduction)

Study Time ⌛ : At your own pace

Number of Portfolio Projects ☝ : 1

Course Features 💪 :

- Lifetime access
- No feedback provided

Learn More: https://practicum.yandex.ru/python-free/

Netology: Python Basics: Creating a Telegram Bot

Another "sample" of a more extensive program.

Who it's for 🙋 : Those interested in programming

Learning Format 💼 : Video lectures, tasks, mini-projects

Curriculum 📚 : Python basics, tools, computer science, creating a Telegram bot

Study Time ⌛ : Up to 20 hours for the entire course

Number of Portfolio Projects ☝ : 2

Certificate 🥇 : Netology certificate

Course Features 💪 :

- Feedback provided

- Lifetime access

Learn More: https://netology.ru/programs/pyfree-async

Stepik: Generation Python. Beginner's Course

A very basic course covering loops, variables, and other fundamental aspects of Python syntax. It includes a mini-project, and by the end, you'll have a small, self-written program to be proud of.

Who it's for 🙋 : Those interested in programming

Learning Format 💼 : Theoretical materials, tasks

Curriculum 📚 : Python basics, tools

Study Time ⏳ : At your own pace

Number of Portfolio Projects ☝ : 1

Certificate 🥇 : Stepik certificate

Course Features 💪 :

- Feedback provided
- Lifetime access

Learn More: https://stepik.org/course/58852/promo

Conclusion

To get started with Python, you can begin with a free course, practice the language, and then decide whether to continue learning independently or invest in a paid version. We recommend reading reviews when selecting an online school, as this will help you make a more informed decision. It's also helpful to chat with course graduates to learn about their experiences, the challenges they faced, and other useful insights. You can often find graduates in Telegram chats, Twitter, Reddit, or Facebook groups dedicated to specific programming

languages.