What Will I Learn and Experience in My Studies?

The Programming Essentials Undergraduate Certificate provides students with basic programming skills to maximize their understanding and use of software. The certificate develops initial expertise in the use of software to implement computer-based business solutions in information systems.

As part of your graduation requirements, you will be required to work with other students to complete a senior project focused on developing real-life solutions to business challenges.

Program Costs and Student Loans

Total program costs for a student with no transfer credits is $13,188.

Average Program Cost: n/a <10²

Average Student Loan Debt: n/a <10²

Completion Rates

For the Undergraduate Certificate in Programming Essentials, the completion rate for first-time full-time students is n/a<10².

n/a<10² of all new full-time students entering the Undergraduate Certificate in Programming Essentials, including students who attended another college before DeVry University, graduated.

Loan Default Rates

8.6% of students who attended DeVry University and received federal student loans and entered repayment in the year ending 9/30/2018 defaulted on their student loans.

7.3% of students who attended any 4-year U.S. college and received federal student loans who entered repayment in the year ending 9/30/2018 defaulted on their student loans.

What Services Will I Receive?

Services available to all students include:

- Student Support Advisors help you plan your coursework and develop a financial plan to pay for your education.
- Counseling, legal and financial planning services through the StudentLinc Student Assistance Program.
- Career Services will guide you through the career search process as you approach graduation.
- E-tutoring is available 24/7 in a variety of subject areas, including writing assistance.

Employment Outlook

To learn more about potential wage and employment for someone with an Undergraduate Certificate in Programming Essentials, please visit [https://www.onetonline.org/crosswalk/SOC/](https://www.onetonline.org/crosswalk/SOC/). Click the link below for the positions that are of interest to you to learn more about the employment outlook for that opportunity.

Applicable Standard Occupational Codes (SOC) for the employment positions determined to be in field:

- 15-1232.00 (Computer User Support Specialists)
- 15-1211.00 (Computer System Analysts)

Some programs offered by DeVry University and its Keller Graduate School of Management may include certification exam preparation materials within the curriculum. Completion of educational programs offered by DeVry do not lead to professional licensure or certification that are a prerequisite for employment. Before seeking professional licensure or certification, students interested in doing so after the completion of a DeVry program are encouraged to confirm eligibility and ensure all necessary requirements can be met.

College Scorecard

The U.S. Department of Education’s College Scorecard, a tool designed to help students make informed decisions about higher education, including information on salary by field of study for students using Title IV funding, can be found here: [https://collegescorecard.ed.gov/](https://collegescorecard.ed.gov/)

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¹Financial Aid is available for those who apply and qualify.

²n/a <10² indicates that information is not available because either the program is too new or the information is not applicable to the program.
**UNDERGRADUATE CERTIFICATE IN PROGRAMMING ESSENTIALS**

**IMPORTANT INFORMATION ABOUT THE KNOW BEFORE YOU GO FACT SHEET:**

How relevant is this information to me? The Know Before You Go Fact Sheet provides information about DeVry University and its Undergraduate Certificate in Programming Essentials program and information about U.S. colleges as a whole. Certain information, such as earnings outcomes, can be different depending on where you plan to live and your individual situation and experience. The Fact Sheet information is intended to help you compare some information about DeVry University and its Undergraduate Certificate in Programming Essentials program to other colleges as you think about your choices.

**INFORMATION SOURCES**

**Total Program Costs:** This is the total tuition, fees and average estimated textbook and equipment expense at the current tuition rate for a student attending full time who completes the minimum credit hours required for graduation. There may be a slight difference between minimum credit hours required for graduation and total credit hours required if all courses are taken at DeVry. Credit hour differences may benefit students with qualifying transfer credit.

**Average Program Cost:** The figure displayed is a calculation of the average tuition, required fees and textbook charges for students using Title IV aid who graduated from the program within the normal program length between 7/1/2019-6/30/2020. Please note, this figure is an average and does not represent the actual tuition, fees and books charged to each student.

**Average Student Loan Debt:** The figure displayed is a calculation of the average total debt (including federal, private and institutional loans) of students using Title IV aid who completed this program within the normal program length between 7/1/2019-6/30/2020. Please note, this figure is an average and actual debt amounts could vary.

**Employment Outlook:** To learn more about potential wage and employment for someone with a Undergraduate Certificate in Programming Essentials, please visit [https://www.onetonline.org/crosswalk/SOC/](https://www.onetonline.org/crosswalk/SOC/). Enter the SOC Code for the position that is of interest to you. Click the link to view the summary report.

[https://www.onetonline.org/link/summary/15-1232.00](https://www.onetonline.org/link/summary/15-1232.00)

[https://www.onetonline.org/link/summary/15-1211.00](https://www.onetonline.org/link/summary/15-1211.00)

**Completion rate for first-time, full-time students** (for both DeVry University and all U.S. Colleges) is the U.S. Department of Education’s measure of the percentage of students who are new to college and entered full-time in the Fall of 2014, who complete the program within 150% of program length (for a bachelor’s degree program, normal time is usually 4 years, and 150% of normal time is 6 years).

**Completion rate for all new full-time “DeVry University students”** is defined similarly to the “first-time, full-time” completion rate above except it includes those who previously attended another institution. DeVry University calculates this measure based on DeVry University data for the program from the Fall 2014 cohort.

**Loan Default Rate** is the percentage of borrowers (4 year U.S. Colleges and DeVry University) entering repayment in 2018 who defaulted on their loans within 3 years. Provided by the U.S. Department of Education and can be found at: [http://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr.html](http://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr.html). In addition, a Loan Repayment Rate for former DeVry University students as well as those who attended other institutions can be found on the College Scorecard: [https://collegescorecard.ed.gov/](https://collegescorecard.ed.gov/).