

# The Challenge Program

Jesuit High School 2023–24

## PSU's Challenge Program

Challenge is a nationally accredited dual credit program offering Portland State University (PSU) college courses at Jesuit. In addition to earning college credit at a greatly discounted rate, Challenge students have access to PSU services, including student ID cards, computer accounts, and the library with its online databases and available training. A 3.0 cumulative GPA is required to participate in Challenge to help ensure students are prepared for the rigor and expectations of a college course.

## Registration

Make sure to read the instructions before you begin! There are some differences to the process based on whether you are a new or returning Challenge student.

To get started on your registration, visit:  
[pdx.edu/challenge-program/challenge-program-registration](https://pdx.edu/challenge-program/challenge-program-registration)

## Tuition

At \$224.40 per course (or \$51 if you qualify for financial aid), Challenge courses cost a fraction of regular college tuition (which is \$1159 per course on campus this year). It's a great deal!

For information on Challenge tuition, visit:  
[pdx.edu/challenge-program/about-challenge-program](https://pdx.edu/challenge-program/about-challenge-program)

## Credit and Credit Transfer

Challenge credit transfers nationally to many institutions and all state universities.

For detailed information on Challenge credit and credit transfer, visit:  
[pdx.edu/challenge-program/credit-and-transcripts](https://pdx.edu/challenge-program/credit-and-transcripts)

## Registration, Drop, and Withdraw Deadlines

### FALL REGISTRATION – October 3rd Deadline

<b>SPAN 201H:</b> 2 <sup>nd</sup> Year Spanish Heritage	<b>Drop:</b> Oct. 23 <b>Withdraw:</b> Nov. 13
<b>SPAN 301:</b> 3 <sup>rd</sup> Year Spanish	
<b>STAT 243Z:</b> Elementary Statistics	<b>Drop:</b> Nov. 6 <b>Withdraw:</b> Dec. 18
<b>MTH 254:</b> Calculus IV	
<b>MTH 261:</b> Linear Algebra	<b>Drop:</b> Dec. 18
<b>MTH 356:</b> Discrete Mathematics	<b>Withdraw:</b> April 15

### WINTER REGISTRATION – February 20th Deadline

<b>SPAN 202H:</b> 2 <sup>nd</sup> Year Spanish Heritage	<b>Drop:</b> March 4 <b>Withdraw:</b> March 11
<b>SPAN 302:</b> 3 <sup>rd</sup> Year Spanish	
<b>STAT 244:</b> Prob & Stats II	<b>Drop:</b> March 18 <b>Withdraw:</b> May 6

### SPRING REGISTRATION – April 16th Deadline

<b>SPAN 203H:</b> 2 <sup>nd</sup> Year Spanish Heritage	<b>Drop:</b> May 6 <b>Withdraw:</b> May 20
<b>SPAN 303:</b> 3 <sup>rd</sup> Year Spanish	
<b>MTH 255:</b> Calculus V	

**Dropping** a course means there will be no record of the course on the student's college transcript.

**Withdrawing** will leave the course on the student's college transcript with a grade of "W."

PSU is an affirmative action/equal opportunity institution

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(503) 725-3430 | [challengeprogram@pdx.edu](mailto:challengeprogram@pdx.edu) | [www.pdx.edu/challenge-program](https://www.pdx.edu/challenge-program)

## Jesuit Courses 2023–24

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### Courses mapped to PSU Quarters

These courses are taught in a sequence of three that aligns with PSU quarters – Fall, Winter, and Spring. Students register and pay three times a year.

#### Second-Year Spanish Heritage

**SPAN 201H** (4 credits) \$224.40. Carreon-Serna. \*\*Register by October 3\*\*

**SPAN 202H** (4 credits) \$224.40. Carreon-Serna. \*\*Register by February 20\*\*

**SPAN 203H** (4 credits) \$224.40. Carreon-Serna. \*\*Register by April 16\*\*

Intensive review of basic materials introduced in First-Year Spanish and further development of communication skills. *Recommended: SPAN 103. Completion of this sequence fulfills the foreign language requirement for a Bachelor of Arts Degree for many institutions.*

#### Third-Year Spanish

**SPAN 301** (4 credits) \$224.40. Schick. \*\*Register by October 3\*\*

**SPAN 302** (4 credits) \$224.40. Schick. \*\*Register by February 20\*\*

**SPAN 303** (4 credits) \$224.40. Schick. \*\*Register by April 16\*\*

Spanish language study to help develop advanced proficiency. Intensive grammar instruction in preparation for upper division courses in culture, linguistics and literature. Emphasis on speaking, listening comprehension, reading, and writing skills for analysis and research. *It is preferable to take the sequence in order.*

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### Courses mapped to Semesters

These courses are taught in a sequence of two over the course of one year. Students register (in fall and winter OR in fall and spring) and pay twice a year.

#### Probability and Statistics

**STAT 243Z – Elementary Statistics** (4 credits) \$224.40. White. \*\*Register by October 3\*\*

A first course in statistics focusing on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate. This is the first course in a sequence of two: Stat 243Z and Stat 244 which must be taken in sequence. *Prerequisite: Completion of high school precalculus with a grade of C- or above.*

**STAT 244 – Introduction to Probability and Statistics II** (4 credits) \$224.40. White. \*\*Register by February 20\*\*

A basic course in statistical analysis including estimation, tests of significance, experimental design and analysis of variance, linear regression and correlation, nonparametric statistics, selected topics, applications, and use of statistical computer packages. A broad nontechnical survey designed primarily for non-math students who need to utilize the subject in their own fields. This is the second course in a sequence of two: Stat 243Z and Stat 244 which must be taken in sequence. *Prerequisite: Stat 243Z.*

#### Calculus

**MTH 254 - Calculus IV** (4 credits) \$224.40. Gorman or Masuda. \*\*Register by October 3\*\*

An introduction to differential and integral calculus of functions of several variables, including vector geometry, the calculus of vector valued functions, and applications. *Prerequisite: MTH 253 or (MTH 252 and MTH 261).*

**MTH 255 - Calculus V** (4 credits) \$224.40. Gorman or Masuda. \*\*Register by April 16\*\*

Further study of multiple integrals, line and surface integrals, Green's theorem, Stokes' theorem, the divergence theorem, and applications. *Prerequisite: MTH 254.*

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### Courses mapped to Academic Year

These courses are taught as year-long courses. Students register and pay once for each course.

**MTH 261 - Introduction to Linear Algebra** (4 credits) \$224.40. Gorman. \*\*Register by October 3\*\*

Systems of linear equations, linear transformations, matrix algebra, vector spaces, and determinants.

*Prerequisite: MTH 251.*

**MTH 356 – Discrete Mathematics** (4 credits) \$224.40. Gorman. \*\*Register by October 3\*\*

Topics in discrete mathematics, including propositional logic, sets, relations, inverse functions, divisibility, induction, recurrences, inclusion-exclusion, permutations, combinations, graphs, graph coloring, and applications. *Prerequisites: MTH 261 and MTH 253.*

Go to [pdx.edu/challenge-program](https://pdx.edu/challenge-program) for online registration