### UNIVERSITY CORE CURRICULUM

**Policies**

**University Core Curriculum Policy for Transfer Students and Freshmen Students**

At Pace University a transfer student is defined as one who prior to attendance enters the University with a minimum of 25 accepted college-level credits (grade of "C" or better) from one or more institutions.

For purposes of determining appropriate University Core Curriculum requirements, transfer students are required to complete Core Foundation requirements and one course in Civic Engagement and Public Values but with flexibility for the remaining Core requirements. However, students entering with fewer than 25 accepted transfer credits (classified as freshmen) are required to complete the entire Core Curriculum.

**University Core Curriculum In-Depth Sequence Policy for Qualified Students**

Qualified students are permitted to pursue an "in-depth sequence", i.e., an opportunity to explore a subject area in the arts and sciences in some depth and perhaps applicable towards an available academic minor.

An in-depth sequence consists of six credits in a subject area within the core, beyond core requirements in that area, and is in a subject area outside the student’s major. Qualified students build their in-depth sequence by replacing one course from Areas of Knowledge (excluding Area One: Civic Engagement and Public Values). However, courses in the sequence may not substitute for requirements in the student’s school or first major program. A student wishing to pursue an in-depth sequence should consult an advisor in the Office of the Dean of Dyson College of Arts and Sciences and in advance of study file with the Office of the Registrar an approved sequence.

### Core-Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong> 1,2</td>
<td></td>
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<tr>
<td>ENG 110</td>
<td>Composition</td>
<td>3</td>
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<tr>
<td>ENG 120</td>
<td>Critical Writing</td>
<td>4</td>
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<tr>
<td>ENG 201</td>
<td>Writing in the Disciplines</td>
<td>3,4</td>
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<tr>
<td><strong>Math</strong></td>
<td></td>
<td></td>
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<tr>
<td>MAT 102</td>
<td>Mathematics for Life</td>
<td>3-4</td>
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<tr>
<td>MAT 104</td>
<td>Finite Mathematics</td>
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<tr>
<td>MAT 109A</td>
<td>Principles of Mathematics I</td>
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<tr>
<td>MAT 111</td>
<td>Elementary Calculus I</td>
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<tr>
<td>MAT 131</td>
<td>Calculus I</td>
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<tr>
<td>MAT 134</td>
<td>Introduction to Probability and Statistics</td>
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<td>MAT 137</td>
<td>Introduction to Discrete Mathematics</td>
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<tr>
<td>MAT 141</td>
<td>Introductory Statistics for the Life Sciences</td>
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<tr>
<td>MAT 143</td>
<td>Introductory Statistics for the Social Sciences</td>
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<tr>
<td><strong>Science</strong></td>
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<td>Select one of the following: 3,4</td>
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<tr>
<td>CHE 101</td>
<td>Introduction to Chemistry I</td>
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<tr>
<td>CHE 102</td>
<td>Introduction to Chemistry II</td>
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<tr>
<td>CHE 103</td>
<td>Elements of Chemistry I</td>
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<tr>
<td>CHE 104</td>
<td>Elements of Chemistry II</td>
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<tr>
<td>CHE 105</td>
<td>Consumer Chemistry</td>
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<tr>
<td>CHE 106</td>
<td>Chemistry of Food and Cooking</td>
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<tr>
<td>CHE 107</td>
<td>Forensic Chemistry I</td>
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<tr>
<td>CHE 110</td>
<td>The Chemical World</td>
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<tr>
<td>CHE 111</td>
<td>General Chemistry I</td>
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</tr>
<tr>
<td>CHE 112</td>
<td>General Chemistry II</td>
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<tr>
<td><strong>Physics</strong></td>
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<tr>
<td>PHY 109</td>
<td>Digital Electronics Systems</td>
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<tr>
<td>PHY 111</td>
<td>General Physics I</td>
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</tbody>
</table>
PHY 112  General Physics II

**Science**

SCI 101  The Planet Earth
SCI 110  The Physical World
ENS 201  Fundamentals of Environmental Science I
ENV 222  Environmental Chemistry: Principles, Problems and Solutions
SCI 145  Environmental Geology
SCI 150  Astronomy
SCI 160  Meteorology
SCI 170  Oceanography
SCI 230  Environmental Science

**Biology**

BIO 101  General Biology I
BIO 102  General Biology II
BIO 123  Biology and Contemporary Society
BIO 124  Introduction to Neuroscience
BIO 152  Anatomy and Physiology I
BIO 153  Anatomy and Physiology II
ENV 221  Environmental Science: The Web of Life

**Public Speaking**

COM 200  Public Speaking  3

**Computing**

CIS 101  Introduction to Computing  3
CIS 103  Problem Solving Using Technology  3
CS 109  Introduction to Computing Using C++  3
CS 121  Introduction to Computer Science  4
CIT 110  Introduction to Information Technology  3
TS 105  Computers for Human Empowerment  4

**Total Credits**  36-38

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1. Take each of the following three English Courses, unless tested or waived out of part of requirement.
2. ENG 099A Introduction to Academic Writing - ESL and ENG 100A Academic Writing - ESL are not Core course and count only as Free (Open) Electives.
3. Please note certain majors require a specific math course.
4. MAT 100 Fundamental Mathematics, MAT 100C Fundamental Mathematics - (CAP), MAT 103 Algebra, MAT 103A Algebra - Arithmetic, MAT 103C Algebra-CAP, MAT 130 Precalculus, are not Core course and count as a Free (Open) Electives.
5. Please note certain majors require a specific lab science course.
6. Required for Chemistry majors.
7. Required for Computer Science majors and students with a minor in Computer Science.
8. Also a Writing-Enhanced course.
9. Recommended for Education majors.

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**Second Language Proficiency**

**Areas of Knowledge**

**Area of Knowledge: Western Heritage (AOK 2)**
The primary aim of these courses is to enrich students’ knowledge and understanding of the Western Heritage in North America and Europe. Students will:

- become familiar with historical, philosophical, artistic, linguistic, religious, political, and literary traditions of North America and Europe
- read and discuss texts from North America and Europe

**Area of Knowledge: World Traditions and Cultures (AOK 3)**
The primary aim of these courses is to enrich students’ knowledge, understanding, awareness, and appreciation of diverse world traditions and cultures. Students will:
• become familiar with historical, philosophical, artistic, linguistic, religious, political, and literary traditions and experiences that shape our world
• read and discuss texts from diverse world traditions and perspectives

Area of Knowledge: Humanistic and Creative Expressions (AOK 4)
The primary aim of these courses is to develop an informed understanding and appreciation of humanistic, literary and artistic creativity. Students will:

• study important works of the human imagination
• explore the interaction of the artist, writer, or thinker and society

Area of Knowledge: Analysis of Human, Social, and Natural Phenomena (AOK 5)
The primary aim of these courses is to examine human, organizational, and scientific experiences. Students will:

• analyze human, social, and natural phenomena
• understand concepts and issues that affect the human, social, and natural realms

Second Language Proficiency Policy
All undergraduate students with two or more years of high school study in Chinese, French, Italian, Russian or Spanish, who plan to continue their study of the same language in either the fall, spring or summer semester must take a placement examination to determine the appropriate level of college study. Test scores remain valid for one year, so students who postpone language study beyond that year must retake the placement test. All students with less than two years of high school study in a language will automatically be placed in the 10-level course in their chosen language.

All students must begin their language study at the evaluated placement level and will not receive Core credit if they start at a lower level.

• Students placed at 101 must take 101 and 102 in the same language.
• Students placed at 102 must take 102 and 280 in the same language.
• Students placed at the 200 level or above must take one 3-credit course at the level of their placement.