BACHELOR OF PROFESSIONAL STUDIES WITH A MAJOR IN INTEGRATED INFORMATION, SCIENCE, AND TECHNOLOGY

The bachelor of professional studies in integrated information, science, and technology (IIST) is an innovative and interdisciplinary program designed for community college graduates and working professionals who are seeking to complete their bachelor’s degree in a technology-related field. The program can be completed within two academic years (four semesters and one summer session). The IIST program provides graduates with a solid foundation in problem solving, analytical thinking, written communication, and technical knowledge in information technology and computing. The knowledge acquired in the program is relevant to a number of fields, such as information technology, technology management and consulting, network administration and network security, health IT, and data analytics.

See the program website (http://cps.gwu.edu/bachelors-completion) for additional information.

REQUIREMENTS

The BPS in integrated information, science, and technology is a degree completion program that requires successful completion of 120 credits, 60 of which must be completed at GW. Up to 60 credits can be transferred from coursework taken at other regionally accredited institutions of higher education. The program is designed for individuals who currently hold an associate’s degree or have earned at least 60 credits towards their undergraduate degree.

Students completing this program will have satisfied GW’s university-wide general education requirement, which includes 22 credits in the following areas:

- Mathematics or statistics (3 credits)
- Natural or physical science with lab (4 credits)
- Humanities (3 credits)
- Social and behavioral sciences (6 credits)
- Written communication or composition (6 credits)

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSIS 2101</td>
<td>Writing and Communications and Media Relations I</td>
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<tr>
<td>PSIS 2102</td>
<td>Writing and Communications and Media Relations II</td>
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<tr>
<td>PSIS 2103</td>
<td>Foundations in Mathematical and Statistical Sciences and Data Analysis I</td>
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**Foundation Requirements**

- PSIS 2104 | Foundations in Mathematical and Statistical Sciences and Data Analysis II |
- PSIS 2105 | Foundations in Information Technology and Computation I |
- PSIS 2106 | Foundations in Information Technology and Computation II |
- PSIS 3122 | Ethics in Science and Technology Policy |
- PSIS 4142 | Relational Databases and Their Design |
- PSIS 4152 | Entrepreneurship and Technology Venture Creation |
- PSIS 4190 | Capstone Project and Senior Thesis |

or

- PSIS 4191 & PSIS 4192 | Capstone Project and Senior Thesis I and Capstone Project and Senior Thesis II |

**Core Requirements** *

Five courses selected from the following:

- PSIS 4137 | Alternative Energy Sources |
- PSIS 4138 | Introduction to Health Information Technology |
- PSIS 4141 | Computer and Telecommunication Networks |
- PSIS 4144 | Information and Network Security |
- PSIS 4145 | Software Systems Development Processes |
- PSIS 4161 | Data Visualization |
- PSIS 4195 | Undergraduate Research |
- PSIS 4199 | Special Topics |

*Not all core courses are offered each year. Please see department for course availability.

FACULTY

**Director** S. Hooshangi