

Name of the specialization:	Programming
Name of the field of study:	Computer Science
Level of studies:	Second-degree studies
Profile of studies:	Practical
Form of studies:	Full-time and part-time
Description of the specialization:	<p>The programming specialization was created for students interested in both practical skills in software engineering as well as knowledge concerning theoretical basics of computer science, including algorithms supporting the programming process and mathematical basics of cryptography. Thanks to it, the graduate will gain experience in creating practical IT solutions based on modern languages and programming technologies. The specialization will also allow to deepen the knowledge of object-oriented programming, compiler design and principles of ensuring the security of computer systems. In addition, the graduate will acquire additional knowledge and skills in the field of functional programming, data mining, business application programming, cloud computing technology and methods of managing IT projects enabling teamwork. A graduate of the programming specialization will possess skills in the field of creating, developing and implementing IT systems, which will ensure a good position on the labour market.</p> <p>A graduate of the programming specialization is a qualified: tester and programmer, software architect, back-end developer, specialist in the production, implementation, and development of modern software.</p>
Contact:	<p>FACULTY OF SCIENCE & TECHNOLOGY al. Armii Krajowej 13/15, 42-200 Częstochowa tel. 34 361 21 79 lub 34 361 49 18 wew. 148 e-mail: wnspt@ujd.edu.pl http://www.kmi.ujd.edu.pl/informatyka-ii/</p>