



HOW TO MAKE THE MOST OF YOUR **STUDY TIME?**

A guidebook for WUT students

Some advice from WUT
graduates

This guidebook was compiled using the results of the “Success stories. Warsaw University of Technology graduates (a diagnosis of professional success factors)”.

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**Centre for Innovation
and Technology Transfer
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WARSAW UNIVERSITY OF TECHNOLOGY

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Dear Students of the Warsaw University of Technology,

being aware of the multitude of emotions, questions and uncertainties that arise in you, I would like to try to meet the mentioned problems in this short introduction to this paper.

The world we have all lived in in recent years, marked by the stigma of coronavirus pandemic, environmental degradation, the ongoing attack by the Russian Federation on Ukraine, the financial crisis resulting from, among other things, the global economic situation, has eroded and undermined our previous standards of living and fundamentally weakened its comfort. All these factors are particularly affecting the younger part of our society, including you - the students of Warsaw University of Technology - and raise questions about the validity of the ideals we have been taught so far and about the solid foundations of our future life, both professional and personal.

Financial advisors, entrepreneurs, philanthropists or celebrities in the broadest sense of the word outdo each other with ideas of "what to invest in" these days. The most common suggestions coming from them are bonds, real estate, gold, cryptocurrencies, etc. Being an engineer by education, I unfortunately do not take on advice in this area.

However, in my role as Vice-Rector for Student Affairs at Warsaw University of Technology, the best technical university in Poland and recognised European university, member of the elite ENHANCE Consortium, I can assure you that you have taken the best possible course to "multiply your capital", i.e. KNOWLEDGE, which cannot be jeopardised by turmoil, stock market crashes or restrictions resulting from global emergencies.

The guarantee that you will achieve the learning outcomes currently sought by employers is the excellent staff of academic teachers, reinforced by a whole host of administrative staff. With a thriving Student Government, the Warsaw University of Technology community creates a "guarantee fund", ensuring a broadly defined SUCCESS, regardless of the unforeseeable turbulences that we will face in the future.

Thank you once again for the trust you have placed in us. Please be open to the various initiatives on WUT. We will do our best to pave the way for you to pursue your passions and support your creativity. It is you who will soon be co-creating an international university, friendly and accessible to everyone. It will largely depend on you how our Alma Mater will be perceived by future generations.



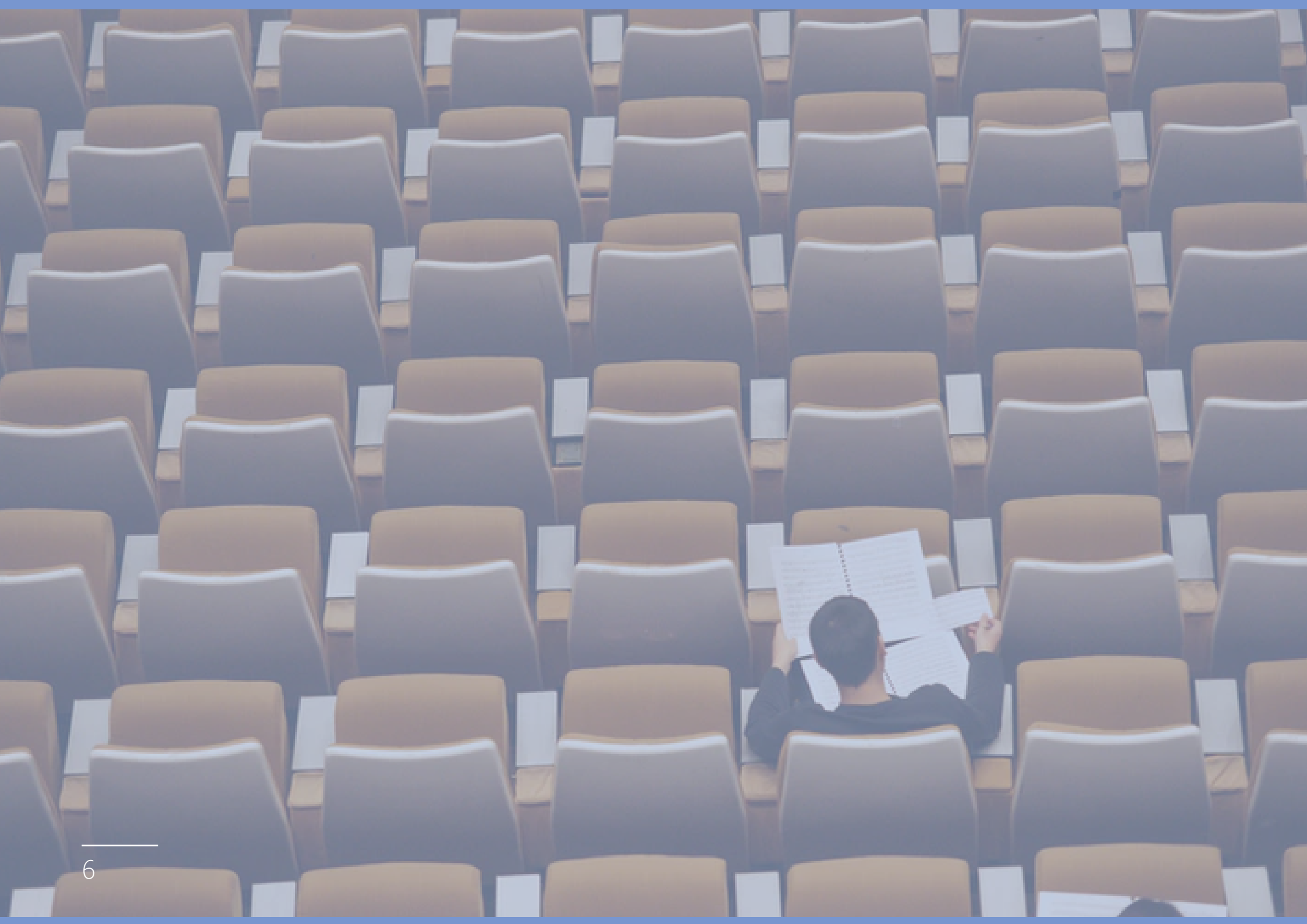
Wishing you every success, I remain at your disposal
Prof. Robert Zalewski, D.Sc., Vice-Rector for Student Affairs at Warsaw University of Technology

INTRODUCTION

We have developed our Guidebook for WUT students based on interviews with 242 WUT graduates carried out in 2020-2022 as part of the “Success Stories. Warsaw University of Technology graduates” research. We requested WUT graduates to share their experiences, opinions and advice which they could offer to WUT candidates and students. We talked about how to cope best with their studies and how to achieve success in their professional lives. Who are the WUT graduates we inquired? They graduated from WUT between 1970 and 2019, work in various industries and hold a variety of positions, such as presidents of large companies, board members, senior managers, managers, analysts, pilots, architects, senior engineers, programmers, advisors, and innovators. They also run their own companies and international projects. They are also scientists – assistant professors and professors – who successfully operate in the world of science. More about WUT graduates at



[Career and success of WUT graduates.](#)



STUDY AT WUT

WUT graduates share their memories and experiences connected with functioning at the University, gathering valuable experience, and ideas on how to make the most of their time at the University.

” I would like to wish perseverance to all our candidates, as it is possible to learn everything. It simply needs to take some time.

Data Scientist, female
Faculty of Physics, 2013

” It is possible to make up for the shortcomings in your knowledge, but it is vital to be 100% engaged.

WUT Institute research staff
member, male
Faculty of Electrical
Engineering, 1997



GOOD ADVICE CONCERNING YOUR TIME AT THE UNIVERSITY

Graduates recall their studies at WUT with affection and they are convinced that they were provided with the highest possible level of education. Those who experienced the studies have a lot of reflection and advice on the course of this several-years-long intellectual adventure.

What to begin with? Attitude!

According to WUT graduates, at the initial stage of studies, students should most of all focus on **engagement** and **extend their knowledge actively with the support from lecturers** – asking questions and devoting additional time after classes to explore the discussed topics will help them start their university education successfully. The group of the best specialists at WUT can share knowledge which is priceless, especially to new students!

The advice to begin your studies with learning **time management** methods independently, taking into account the greatest possible **learning regularity**. You also need to be **patient** – the initial months are an opportunity to get accustomed to new things, but remember the initial semesters of studies do not demonstrate the nature of the entire course or a full range of possibilities.

Prepare for independent learning at the beginning, but... studying is not the only thing related to university education! We will refer to this issue in greater detail in the **PASSIONS AND COMMITMENT** section.


Regular efforts and commitment to classes will be necessary during the entire time spent at the University. Even if some subjects seem to be unnecessary, the experience of WUT graduates shows that everything might prove useful in further professional career or be a great exercise for your mind. For that reason, it is worth making the most of your participation in all classes in the course programme, and going to lectures with the attitude to expand your knowledge, not only for attendance requirements. However, WUT graduates say that good grades should not be the ultimate objective themselves, and that when your interests are clarified, you should most of all study to understand the contents and work on selected most important areas. The advantage which WUT graduates gain is the mathematical intuition which is practised since the very beginning of studies.

What can help you study?

There are numerous answers to this question. WUT graduates suggested several strategies they applied:

- Most of all, choose a field of study that you like!
- First handle the topics and obligations which you don't enjoy. As Brian Tracy wrote, "eat that frog", which means that you should not put off unpleasant tasks for later!
- Try the one thing approach: focus on one goal and return to it, even in your free time – this is how you can reach perfection.
- If you master the basic knowledge of your discipline, try developing in other areas. Invest in development in multiple subject-matter areas.
- If there is anything you don't know, don't be afraid to ask questions.

Student practice, traineeships and student exchange

WUT graduates cope very well on the job market. A lot of them owe it to a wide range of student practice and traineeship opportunities.  [WUT Careers Service](#), offering advice, coaching and mentoring programmes, will help you plan them. In turn, **Job Fairs** organised at WUT allow students to meet their prospective employers.

According to WUT graduates, the most important thing is to learn how to apply your knowledge in practice. They recommend having frequent contacts with industry

”

Notwithstanding your degree course, if you study what you like and what you are good at, you can prosper in nearly every profession.

Head of Department in an energy industry company, female
Faculty of Materials Science and Engineering, 2010

”

It is time for being creative, for thinking outside the box and experimenting – it is worth searching for something new.

Global Analytics Senior Manager, female
Faculty of Chemistry, 2013

circles, meeting people with long-standing technical professional experience, and trying various areas of activity. This will greatly help you **begin your career on the job market**.

Studies at WUT also mean opportunities to travel abroad – both thanks to student exchange as part of ERASMUS or ATHENS programmes, of which you can learn more from [!\[\]\(de95854c7ee024cfadc48187bbb781b2_img.jpg\) **CWM \(the Centre for International Cooperation at WUT\)**](#), and thanks to the activities of student research clubs operating at the University. For more details about student research clubs, refer to this [!\[\]\(cef08d8c15d8a8acd5e25ab0d65432c3_img.jpg\) **Guide**](#).

Studying and working

WUT graduates who provided advice for candidates and students, had diverse work experience in architecture, R&D and scientific activities, construction industry, chemical industry, energy, pharmaceuticals, geodesy, IT (IoT, AI), space industry, aviation, management, heavy industry and technology.

But they all shared the view that it was important to decide where you want to work, as it allowed you to develop proper skills at an early stage. University studies are **the foundation of future professional life**, but you need to prepare for further education and learning.

There were different opinions as to working during studies – some of WUT graduates believe that it is better to devote your time to studying and work on an irregular basis. If you quit University for work, it is more difficult to resume your studies and graduate. On the other hand, candidates are advised to connect work with studying, and gain first work experience as early as possible. This will allow you to acquire practical skills and find a direction in your studies, to effectively align your interests with the choice of your career path.

”

The time at University is
probably the last moment
to embark on an intellectual
journey.

WUT and UW research staff
member, male
Mathematics and Information
Science, 1989

”

Studies at WUT do not only
mean engineering, and you
can also find your place in
sales, project management or
finance.

Head of Commercial
Department, male
Faculty of Transport, 2011

”

You can learn most things from others, and you will never lose that knowledge.

System Engineer, male
Faculty of Physics, 2012

”

It is essential to make the most of your time at University, because it is not easy to make up for it afterwards.

Global Analytics Senior
Manager, female
Faculty of Chemistry, 2013

Graduates advise to pay attention to several crucial elements related to gaining professional experience:

- Participating in Job Fairs and meetings with employers.
- Having contacts with industry and vocational practice which allow you to better navigate through theoretical issues.
- Establishing a network of contacts which might prove important for further career.
- Considering the development potential and job market perspectives of a given sector.
- Gaining proficiency both in individual work and team work, because they are equally important in professional life.
- Studies are the foundation and only the beginning – our education continues on the job market.

Scientific development

The course of your studies may lead to thinking about research work in the future. Consider this direction, so that you can begin cooperating with experienced lecturers as early as possible, as they are the ones who can supervise your diploma thesis, run an individual course of studies for students who are interested in this form of education, and engage students in their research work and projects, teaching scientific inquiry and problem solving skills.

” Students have such receptive and flexible minds,
that they should take advantage of this and
develop continuously.

WUT research staff member, male
Faculty of Physics, 1992

Studies are also aimed at broadening your horizons and supporting you in the choice of your career path. After a while, as you choose your specialisation, other subjects are important, but they are not your priority. According to WUT graduates, there is no better place for research career development than Warsaw University of Technology!

” The possibility to stay among ambitious and
curious people at WUT is a great opportunity.

Entrepreneur, male
Faculty of Mechatronics, 2000

”

Those who think about scientific career should choose their research problem in such a way so that it could be applied in practice.


WUT and UW research staff
member, male
Faculty of Mathematics and
Information Science, 2010

According to **diploma thesis**, WUT graduates suggest that you should think about their practical dimensions which will allow you to acquire more skills. Consider cooperation with different thesis supervisors to come into contact with a wider knowledge horizon and learn more.

Regular work and diligent studying pays off, and it will help you find your place in new circumstances and get interested in other dimensions of studying at WUT. One of such dimensions includes **research projects**, featuring WUT teaching staff. Students who show commitment can also be included in the projects, gaining the ability to apply their knowledge in practice. Project results are usually demonstrated at **scientific conferences**, which are worth attending as audience members since the very beginning of your time at the University.

Remember that WUT has rich resources in stock – state-of-the-art research equipment, well supplied libraries, and additional meetings and consultations with professors.

RESEARCH UNIVERSITY

The Warsaw University of Technology has had the status of a research university since 2020, as one of 10 higher-education institutions in Poland. The activities which the Warsaw University of Technology conducts as part of the  **Excellence Initiative - Research University** programme, provide WUT with the possibility to become part of the group of renowned international universities which run top level educational and research activities. This means the increased intensity and quality of research, the fostering of cooperation with international research centres enjoying high reputation, and the improvement of education quality.

The WUT Research University's proposal is also addressed to students who will find for themselves:

- new learning methods, i.e., problem- and project-based learning (PBL) and research-based education (RBE);
- new course programmes and included specialisations in fields of study related to Priority Research Areas (POB – Priorytetowe Obszary Badawcze) (there are 7 such areas: Photonic technologies, Artificial Intelligence and robotics, Cybersecurity and data analysis, Biotechnology and biomedical engineering, Materials technologies, High-energy physics and experiment technique, and Energy conversion and storage);
- • international university exchange programmes - i.e. the European Universities Initiative - allow students to follow flexible university education paths, consisting in the completion of a part of a degree programme at a foreign university, an opportunity for each student to gain international experience in the form of (physical or virtual) mobility, international workshops and summer courses;
- individual curricula for talented students which are aimed at properly exploiting their potential and creating appropriate conditions for their development.

In short, make the most of your time at University!

Although the University period is related to increased efforts and new tasks, it should be seen as the time for development, exploring new paths and searching for areas of interest which are appealing to you. WUT graduates advise **exploiting the time in full**. It is particularly stressed by those who have found out themselves that in professional life outside the University they do not have so much space for studying and contacts with lecturers, and access to verified and latest sources of knowledge, which seems obvious at University. According to research results, after completing their degree courses, WUT graduates experienced lack of time more strongly than during their studies, and if they could return to University with what they know now, they would have taken a greater and fuller advantage of their time there – hence the frequent advice **not to waste the possibilities and opportunities** available during your studies, because they are only provided by the University.

PASSIONS AND COMMITMENT

Studies at the Warsaw University of Technology allow the development of passions and interests. WUT graduates who recall their engagement in student activities are well aware of that. They advise students not to forget that their course programme is not everything that WUT offers them!

”

Try to do more than is required
from you.

System Engineer and Project
Leader, male,
Faculty of Power and Aeronautical
Engineering, 2016

What additional activities do the graduates recommend to WUT students?

- Engage in the WUT student community, e.g. joint study groups, and in the operations of organisations and associations, because it is greatly rewarding.
- Engage in student activities to build competences needed on the job market.
- Search for new friends and acquaintances by taking part in WUT community events!
- Try networking, meet people who share your interest in a given area, e.g. graduates who studied the same major as you.
- Search for additional knowledge, courses and training sessions in your field.
- Display a keen interest in the world outside (e.g. business, industry, technology).
- Search for research projects conducted at WUT in your field of study.

”

I encourage you to engage in the work of various types of organisations, where you can learn group work – it is something that will pay off in the future.

WUT Institute research staff
member, male
Faculty of Electrical
Engineering, 1997

”

I would advice students to implement as much additional projects as possible, and not to stop at only mandatory subjects, and to join a research club or project as soon as possible.

Assistant Professor, male
Faculty of Mechatronics, 2012

Student research clubs, WUT Student Government and student organisations

WUT students form active and committed circles. Cooperation with student research clubs, WUT Student Government and numerous student organisations (dealing with sports, photography, or tourism and music) provide a chance to **make new friends, develop**, and gain new skills which will prove useful in future professional life, such as: **project work, team work, learning on your mistakes, and proactive approach. The Department of Young Researchers' Innovation Development**  (**DRIMnCZiTTWUT**), supports the development of these skills and scientific careers, and it offers students wide and valuable assistance to be used in scientific development, i.a., through the access to creative spaces and laboratories, networking of students and business representatives, support for the implementation of students' R&D projects, and various training courses and workshops.

Why do WUT graduates believe that it is worth taking part in student initiatives?

1

You will learn to use your knowledge in practice from people of similar age and in a casual atmosphere.

2

After graduation, it is difficult to engage in additional activities in the same degree.

3

You can learn together and establish new relationships.

4

It is well received while applying for a job.

5

You can find a new passion!

6

Having a hobby is a good idea for a break from studying and demanding subjects in the course programme.

”

Work should not be an obligation only, but should lead to the development of your passions.

Data Scientist, female
Faculty of Physics, 2013

”

Develop your passions and interests, even if it is not likely to contribute to high grades from other subjects.

Software Developer & Deep
Learning Engineer, male
Faculty of Geodesy and
Cartography, 2018



”

Doing things you are passionate about facilitates success. It is great when your career is also your hobby.

WUT Professor, male
Faculty of Electronics and
Information Technology, 1982

Research projects and international travel

Based on their experience, WUT graduates advise students **to engage** in activities going beyond compulsory classes since the very beginning, and to search for new opportunities for cooperation and development. And after they become project members – they should express interest in the entire course of the project, not only their tasks, as it will allow them to quickly get valuable experience.

It is a well-known fact that travel broadens the mind, especially trips for scientific purposes! Although not all research project involve travelling, participation in them often stems from passion. The University encourages students to go to **conferences, summer schools** and **student exchange** to broaden your horizons and gain the widest perspective possible. The proposal of internship and travel opportunities at the Warsaw University of Technology is very rich, and you can find details on it at the website of  **CWM (Centre for International Cooperation)** or  **WUT Research University**.



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WARSAW UNIVERSITY OF TECHNOLOGY

HOW TO BECOME SUCCESSFUL DIAGNOSIS OF SUCCESS FACTORS AMONG WARSAW UNIVERSITY OF TECHNOLOGY GRADUATES



WUT

Read the study report
“How to become successful?
Diagnosis of success factors
among Warsaw University of
Technology graduates” to find
out what ways have led WUT
graduates to success!

*Click the cover to find our
reports*

PROFESSIONAL SUCCESS

You can achieve success in numerous fields – in sports, science, personal life, at work, in out-of-work activities and in community activities. There are as many opportunities as the paths to grasp them. WUT graduates, successful in numerous spheres, provide some hints on how they have achieved success and what actions have been helpful.

Do what you enjoy

Successful WUT graduates have stated clearly that you will not reach your goals if your work is not interesting and not satisfying to you. At various stages of your career, you can forget that job position or salary do not guarantee that you will enjoy your work. For that reason, WUT graduates recommend searching for a career path taking account of your strengths.

”

Professional life is
rewarding if it is fun.

Design Engineer and Project
Manager, female
Faculty of Power and
Aeronautical Engineering, 2015

Are you thinking about the direction of your professional activity you will choose? If yes, think about the type of work you would enjoy – dynamic or orderly, independent or team work, task execution or management. WUT graduates recommend **planning your career at the earliest stage possible** and making **long-term assumptions** – setting several stages in pursuit of one main goal which is rewarding. This will help you find “your place” and job satisfaction.

Future employee's approach

There are qualities which first come to our mind when we think about beginner employees. They include **courage, active approach, facing challenges, commitment to learning and an openness** – both to new things and people, including the ability to discuss your needs openly and listen to the expectations of other people.

What else is important for future employees? Networking, maintaining and searching for new contacts! University friendships, including those from student associations and research clubs, often result in joint work in the future, but this is not all. Contacts with people representing a given sector, lecturers and WUT graduates can broaden your horizons and make you aware of the possibilities available on the job market. They also allow you to prepare better for the expectations towards job candidates.

”

Work is not a burden, it should be
satisfying and pleasant.

Lead Data Scientist, male
Faculty of Physics, 2010

”

They should be prepared that professional life
will bring a lot of surprises, and they should never
stop learning and exploring new things.

Presales Manager, male
Faculty of Mathematics and
Information Science, 2004

”

There is no better place
to find co-operators than
WUT.

Management Board
President, male
Faculty of Civil Engineering,
Mechanics, and
Petrochemistry, 1987


Beginnings on the job market

First work experience should not be gained at the expense of studies, but this does not mean that it is impossible. Many WUT graduates recommend thinking about your professional career as early as possible, searching for an area you want to work in, and gradually get to know its opportunities, especially given that the interdisciplinary education provided to WUT students prepares them for work in numerous fields in which they find their place thanks to the wide range of qualifications they get at the University.

”

It is worth talking to employers.
I don't know why young people do
not try to contact them directly, as it
is a unique value.

Management Board
President, male
Faculty of Civil Engineering,
Mechanics, and
Petrochemistry, 1987

Remember that every working student has little time, and, on the one hand, it can become a trap, but it can also be a chance for better time management on the other hand. There is no single simple advice, but countless opportunities instead – a lot of new experience can be gained not only on the job market but also during student practice or as part of extra-curricular activities proposed by the University. One of them is the offering of the **Innovation Incubator**  **(ININ CZiTT WUT)**, which supports innovative entrepreneurship at WUT. Among the wide range of the Incubator's services, you will find training courses as part of the First Step Academy or a pre-incubation programme in which you will get a chance to work on your idea for an innovative product or service.

”

You should start following industry trends as early as possible.

Management Board Member and
Shareholder, male
Faculty of Power and Aeronautical
Engineering, 2010

PROFESSIONAL
SUCCESS

”

Face your first professional work challenge as soon as possible – first experience helps you plan your career.

Head of Commercial
Department, male
Faculty of Transport, 2011

Gaining experience

You can get experience in many ways, and there are plenty of them at the Warsaw University of Technology. As WUT graduates remind us, after you leave University, it is difficult to have access to scientific sources of knowledge, so they recommend not to miss any opportunity to gain practical experience which would pay off on your future career path. It is vital not to neglect the foundations of knowledge and to **constantly learn** new things.

” A real engineer should get to know the ins and outs of technical work by way of hands-on experience since the very beginning.

Sales Manager, male
Faculty of Electrical
Engineering, 2011

The beginnings of your professional career rarely result in immediate promotion and top-level positions – you need to build your experience and skills portfolio, and focus on growth and development of good practices. And don't get discouraged!

Working style

Experienced employees know what has helped them achieve success and follow the set professional career path. Their remarks refer to getting to know the working style which is most suitable for a given new employee. Their advice includes:

- Be honest in drawing up your CV and think whether you can tell something about every piece of information there (e.g. about your activities in a research club).
- Don't reject job proposals from other sectors than the one you are targeting – try different options, but if your paid work is accidental and it is not indispensable (you do not need to provide for yourself), it is better not to get distracted by it.
- Think carefully about how much time you want to spend in a given workplace – changes are favourable at the beginning of your career, allowing you to get experience, exploring numerous places.
- Think carefully if work will not disrupt the course of your studies.
- Get to know corporate circles and the reality of running your own business – both provide a reality check, but are also a school of life.
- Take care of yourself and avoid overworking!

A person with long hair, seen from behind, is sitting on a large, textured rock. They are looking out over a vast, hazy landscape that stretches to the horizon. The scene is captured in a soft, greenish-tinted light, giving it a dreamy or contemplative feel. The person is wearing a dark jacket and light-colored shoes.

Professional changes


Isn't it too early to think about changes when you only begin your career? The answer is "No". Experienced WUT graduates convince us that change is the only constant thing in life, and it is advisable to work on overcoming our fear of change. **Interdisciplinarity** is the first aspect. Broadening your horizons and reaching for new fields of study is a challenge and requires a lot of efforts, but prepares you for changes in your professional life and provides grounds for further education in the future.

Workplace changes can help you get to know your preferences, find satisfaction and fulfil the needs related to your professional goals. Decisions about change should be based on your own objectives, not on external pressure. WUT graduates had different opinions as to the period after which a change is advantageous – some mentioned 2 years, others talked about 5 years – so it is crucial to think it over carefully yourself in this case, in particular when you have prospects for greater development. WUT graduates say that earnings should not be the main reason for change if a new option is

related to satisfaction from performing given tasks. They also suggest to **aim higher** than just one city, and look around job offers from other parts of Poland, and even from abroad (especially considering the popularity of remote work).

The ability to adapt to changes is highly valued. Flexibility turns out to be necessary in the rapidly changing world and the volatile job market situation – changes to numerous professions can be expected in several years' time.

Success

Success is a key notion in the "Success stories. WUT graduates" research. The subject matter was discussed in details in reports summarising the study, which are available on the website of the Research and Analysis Department of CZliTT WUT in a tab  **WUT graduates' careers and successes**.

PROFESSIONAL SUCCESS

When asked about advice for students, WUT graduates also discussed the issues of achieving success. According to them, favourable factors include:

- planning skills,
- command of English or other foreign language,
- solid technical knowledge,
- risk taking,
- perseverance, also in performing routine obligations which are often boring but necessary on the way to more interesting and ambitious tasks,
- courage and overcoming your fears on the way to make your dreams come true,
- hard work,
- readiness to make mistakes and coping with them,
- commitment,
- getting to know yourself and the things that bring you satisfaction.

”

It is worth being consistent in your effort to achieve something. I would consider consistency as one of the key elements of following your career path and achieving success.

Management Board
President, male
Faculty of Chemistry, 1976

”

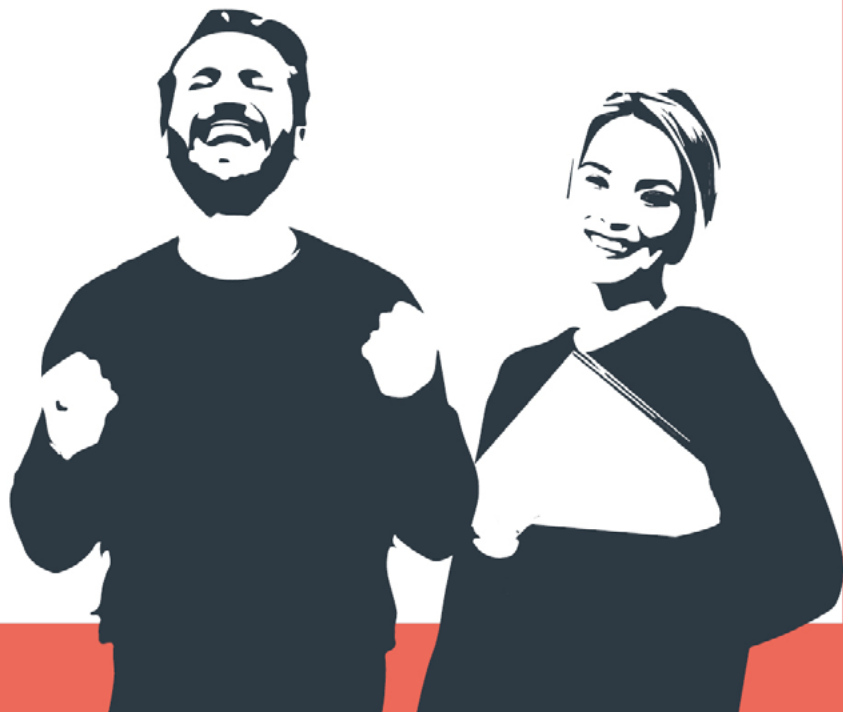
I am deeply convinced that we have 80% influence on the things which surround us.

Management Board Member
and lecturer at WUT and SWPS
University, male
Faculty of Power and Aeronautical
Engineering, 1997



WHAT IS SUCCESS FOR WARSAW UNIVERSITY OF TECHNOLOGY GRADUATES?

- ANALYSIS OF STUDY RESULTS



WUT

Read the study report
“What is success for Warsaw
University of Technology
graduates? Analysis of study
result” to find out what ways
have led WUT graduates to
success!

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reports*

DEVELOPMENT

Studies at the Warsaw University of technology ensure comprehensive development and interdisciplinary education. However, the activities taken up independently by students are crucial to be able to use available possibilities and grasp opportunities as they emerge.

SKILLS AND QUALIFICATIONS

Based on their experience, WUT graduates noted the skills which proved indispensable in their professional career, and the things they were missing at its various stages. These reflections have allowed the identification of particularly vital areas to focus on in your development.

Engineering skills

The main objective of studying at WUT is the shaping of skills in the sphere of engineering and technical sciences, i.e., areas related to technology and engineering covering numerous domains (more details on the websites of **WUT Faculties** placed at the end of this publication), related to designing, creating, and testing solutions, and to solving problems in an analytical way. Sound education and regular independent work allow students to reach the level of experts who consciously manage their further development. Still, have in mind that foreign languages, soft skills and management skills are important either.

”

English is the most important subject, because it opens you up to the world. Mathematics comes second, as it teaches you logical thinking. Physics is on the third place, because it allows you to understand the real world. Fourth position is occupied by social studies, as they facilitate insight into the context of technical operations. Your core vocational subjects come fifth.

Strategy Director, male
Faculty of Physics, 1987

Foreign languages

- It is important to overcome **speech barrier**, not to worry about perfection, but to practice communication skills, and aim for the widest possible network of contacts.
- WUT graduates working in international circles see a considerable advantage in knowing several foreign languages, even at an elementary level, which gives you the possibility to exchange even a few remarks with your colleagues in their language.
- English is crucial—you need to maintain your skills at a high level, even if you are planning to work in Poland, because it opens up multiple opportunities.
- Foreign languages create wide employment opportunities, both in the commercial and scientific sphere.

Soft skills

- Communication and interpersonal skills, including self-presentation.
- Team work skills.
- Learning how to notice and define business goals.
- Self-improvement, getting to know yourself – shaping your courage, and the ability to initiate ideas and solutions.
- Shaping your professional intuition – predicting consequences, the ability to solve problems and prevent their negative outcomes.

Management skills

- Self-management, and time management, time organisation skills, to have appropriate resources when an opportunity occurs – especially given that, as WUT graduates have noted, opportunities are only available for a moment.
- Long-term planning and thought-out investments in yourself.
- Project and team management.
- Conflict management.

”

So that they don't give up
their dreams of getting
some specific job if they
don't succeed in it straight
after graduation.

Project Manager, female
The Faculty of Building Services,
Hydro and Environmental
Engineering, 2015

CONTINUED DEVELOPMENT

What is important for development according to men and women graduating WUT? Knowing your aptitudes, **planning** and having the mindset that learning doesn't end when you finish your formal education. One of the respondents advised that we should focus more on developing our skills than on grades, and another one stressed that we should never lose our curiosity of the world. This can be illustrated by the words of Steve Jobs: **stay hungry, stay foolish**.

Development is a highly important element on the **job market**. Investing in your abilities will pay off in your future professional activity, and above-average knowledge will always be appreciated.

Relations with other people might particularly contribute to your own development. Your close ones may support you at times when you need motivation and people with experience in their industry may give you valuable advice or you can observe them and look for elements on which you can model your own actions.

” Let’s seize opportunities, take advantage of them
and draw conclusions. We can never tell what
might be useful in the future.

President of the Management Board
and WUT lecturer, male
Faculty of Civil Engineering, Mechanics
and Petrochemistry, 2003

Openness and courage are the two features very often mentioned by WUT graduates in the context of development. Their advice is that we should not doubt ourselves and our competencies, look for novelty and never cease to explore, while not being afraid of challenges. This is also connected with **self-reliance** and being able to reflect on your own actions, so that you can decide whether it is worth to start a job during your studies or to give yourself time and begin to accumulate experience out of the job market. One WUT graduate also recommends that we should pay attention to the ways in which we spend our time online, because our habits often consume too much time, leaving little space for development. We need to be able to control ourselves and practice our willpower.

*

During her studies she was an active member of the WUT Student Government

*

She expanded her knowledge by participating in scientific conferences and she used it in writing her Master's thesis

*

During her studies she participated in a number of internship schemes, after which she quickly found a job in the industry of her choice

”

A huge advantage of the Warsaw University of Technology is its versatility

WERONIKA

graduated from WUT in 2018

”

Warsaw University of
Technology is one of the best
technical universities in this
country

KAROL

graduated from WUT in 2015

*

During his studies he cooperated
with science clubs

*

The supervisor of his thesis
invited him to take part in a
research project which formed
the basis for his Master's thesis

*

After graduating he established
his own start-up with the
University's support

FACULTIES OF THE WARSAW UNIVERSITY OF TECHNOLOGY

Click on the logo to go to the Faculty's website





WUT UNITS PROVIDING SUPPORT TO WUT STUDENTS

University-wide organisational units

Main library

and the faculty libraries provide access to the most up-to-date scientific and educational literature selected in line with the University's profile and offer you additional education, e.g. on using knowledge management tools.

Distance-Learning Centre

will allow you to participate in online e-learning, which is particularly important in the context of the limitations brought in by the pandemic.

Foreign Language Centre

will help you improve your language skills across ten foreign languages and provides opportunities to obtain language certificates.

Centre for International Cooperation

will assist you in trying out studies at foreign universities as part of student exchange programmes and scholarships. The Centre also provides extensive support to foreign students.




regardless of your study programme, will provide you an extensive and interdisciplinary selection of advanced studies created in cooperation with WUT academic staff, as well as scientists working in renowned international scientific centres – advanced studies will help you improve the quality of your research work.


Centre for Physical Education and Sports

will assist you in staying fit during your studies at WUT. You can choose the physical activity that is best for you from a wide range of available sports activities (e.g. football or gymnastics, but also golf and kayaking).

Centre for Innovation and Technology Transfer Management WARSAW UNIVERSITY OF TECHNOLOGY

provides the assistance of the Innovation Incubator and the Department of Young Researchers' Innovation Development.

 **The Innovation Incubator of CZiITT at WUT** supports the development of innovative entrepreneurship – this is the place for you if you are thinking of starting your own company.

 **Department of Young Researchers' Innovation Development of CZiITT at WUT** creates an environment that inspires creativity, entrepreneurship and networking – if you are thinking of becoming an active researcher before graduating, this Department will help you.

WUT UNITS PROVIDING SUPPORT TO WUT STUDENTS

Central administration organisational units

Careers Service

will support you in your preparations to enter the job market. Individual consultations with a career counsellor, tests to determine your professional aptitudes, workshops – meetings to develop entrepreneurial attitudes and competencies which are important on the job market, mentoring programmes aimed at supporting the development of potential and competencies and consciously shaping one's career path – these are only some of the services prepared for you by the Careers Service.

Chancellor's Office

will assist you in all matters not directly related to studying. You will be able to take advantage of individual consultations and advice on student matters, such as those relating to various types of scholarships provided at WUT.

Office for the University's Social Responsibility

extensively cooperates with the WUT Student Government to prevent unequal treatment at WUT. It provides free-of-charge psychological support. The Office also conducts a number of activities to benefit students with disabilities.

ICUB Programme Coordination Office

coordinates the implementation of the WUT Research University aimed at students in the following fields: new teaching methods, new curricula and specialisations in majors connected with Priority Research Areas, international academic exchange programmes and individual study programmes for highly talented students.

WUT Academic Choir, **WUT Entertainment Orchestra – The Engineers Band,** **WUT Theatre,** **WUT Song and Dance Company**

will cater to all your artistic development needs. Due to the diversity of bands and groups operating at WUT, everyone can find an activity that suits their expectations.

Halls of residence

provide accommodation to WUT students. As a WUT student you can stay in one of WUT's ten halls of residence, which are very conveniently located – from a 3 minutes' walk to a 36 minutes' bus ride from Warsaw University of Technology.

according to WUT graduates



Warsaw University of Technology



Centre for Innovation and Technology Transfer Management

WARSAW UNIVERSITY OF TECHNOLOGY



**European
Funds**
Knowledge Education Development



**Republic
of Poland**

**Warsaw University
of Technology**

European Union
European Social Fund



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