



HIGHER EDUCATION

Studying at Masaryk University

1. **Where are you currently studying?**
2. **Which factors are most important for you in selecting a university for undergraduate study?**
 - specialization
 - the location of the university
 - living costs
 - the influence of your parents
 - the reputation of the university
 - facilities (technology, sports, etc.)
 - others
3. **Which of the following skills you think are the most important for your future career?**
 - having technical ability
 - being creative
 - being able to communicate well
 - being good at solving problems
 - dealing with people
 - giving presentations
4. **Watch the lecture about the skills the graduate engineers say they need in their current jobs. What are their priorities?**
5. **Look at the list of some subjects (1-7) you can study when you take one of the courses mentioned above. Match them with their descriptions (a-g)**
 1. Biophysics
 2. Quantum Field Theory
 3. Classical Mechanics
 4. Electromagnetism
 5. Quantum Mechanics
 6. Astrophysics
 7. Physical Chemistry
 - a. the study of macroscopic, atomic, subatomic, and particulate phenomena in chemical systems in terms of physical laws and concepts;
 - b. the physics of the universe, including the physical properties of celestial objects, as well as their interactions and behavior. Among the objects studied are galaxies, stars, planets, exoplanets, the interstellar medium and the cosmic microwave background. Their emissions are examined across all parts of the electromagnetic spectrum, and the properties examined include luminosity, density, temperature, and chemical composition;

- c. an interdisciplinary science that uses the methods of physical science to study biological systems;
- d. description and analysis of the physics of elementary particles;
- e. the branch of physics, engineering and technology dealing with electrical circuits that involve active electrical components such as vacuum tubes, transistors, diodes and integrated circuits, and associated passive interconnection technologies;
- f. the motion of objects, provided they are much larger than atoms and moving at much less than the speed of light;
- g. the branch of science concerned with the forces that occur between electrically charged particles

6. Find the intruder. Look at each group of words and indicate which one does not belong there.

- | | | | |
|--------------|----------|----------------|---------------|
| ▪ consist of | continue | comprise | contain |
| ▪ be made of | be made | be composed of | be made up of |
| ▪ divide | classify | group | deal with |

7. In your pairs, choose one word/phrase from each column above and make sentences with them.

8. Pavel Zemánek is a postgraduate student. You want to ask him some questions.

Where (to come from)?

What (to study, currently)?

What (to do research in)?

Why (to update CV)?

What (like to do)?

Where (to live, currently)?

Who (to share a flat)?

Why (to share a flat)?

9. Listen to the recording about Pavel Zemánek and answer the questions above.

10. Similarly, give your colleagues information about yourself.

11. Answer the questions on your studies (see the diagrams below)

How is the academic year organized?

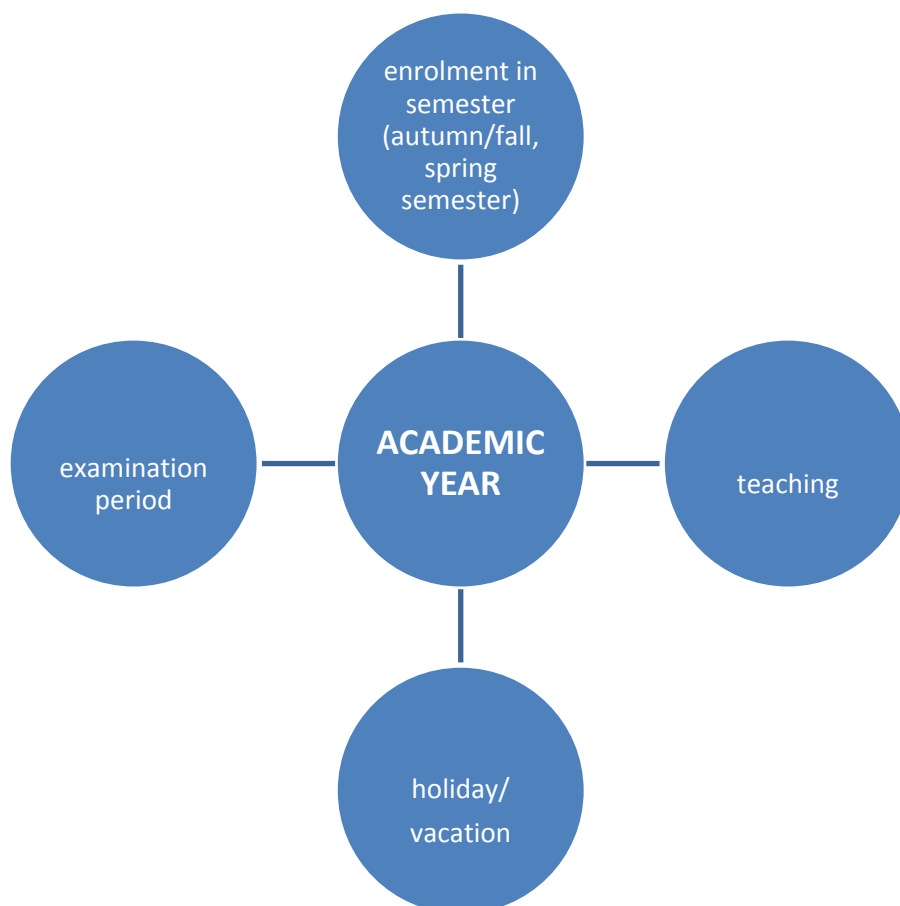
Are there any differences between the Czech Republic and Great Britain?

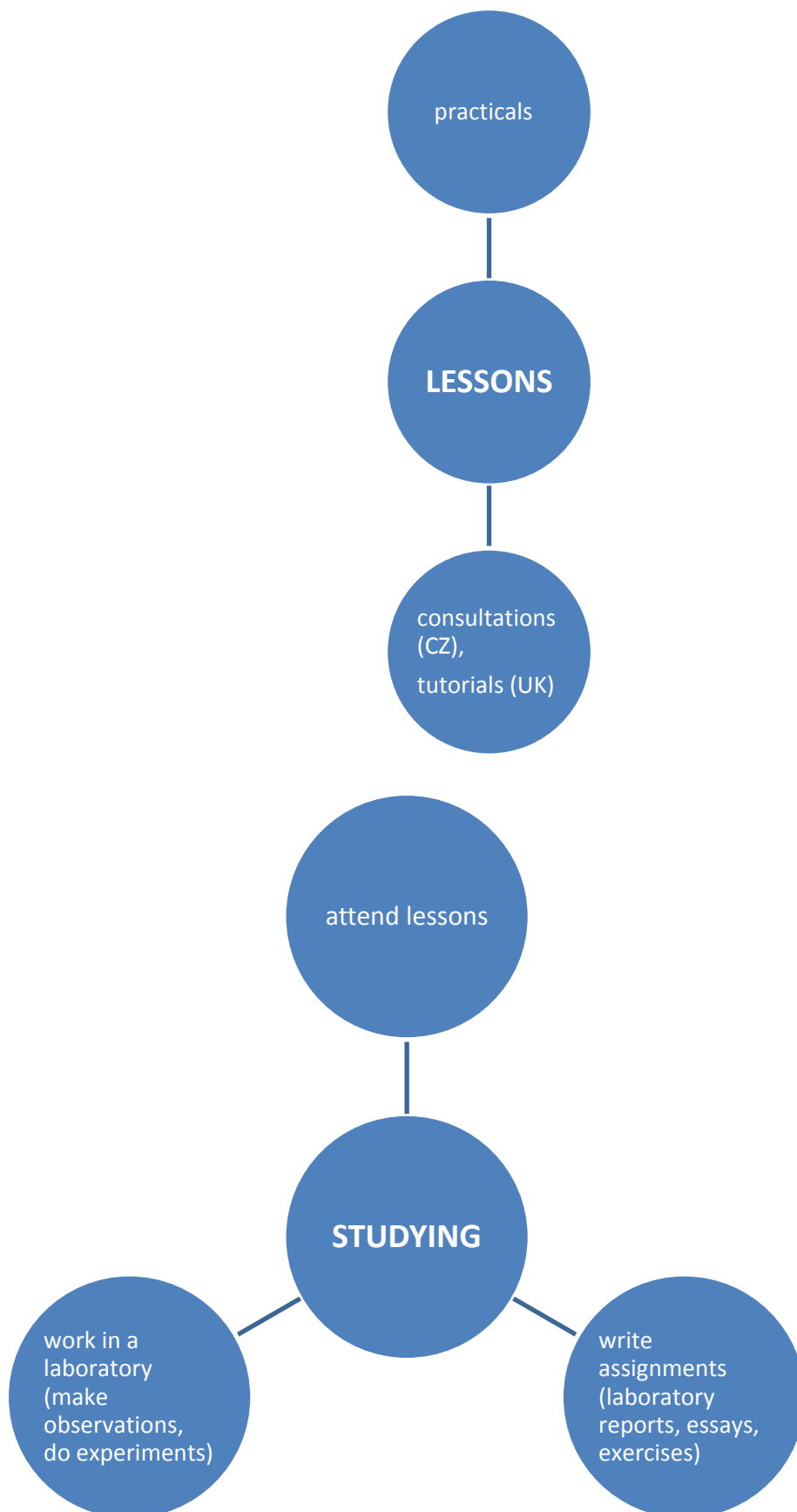
What lessons do you have?

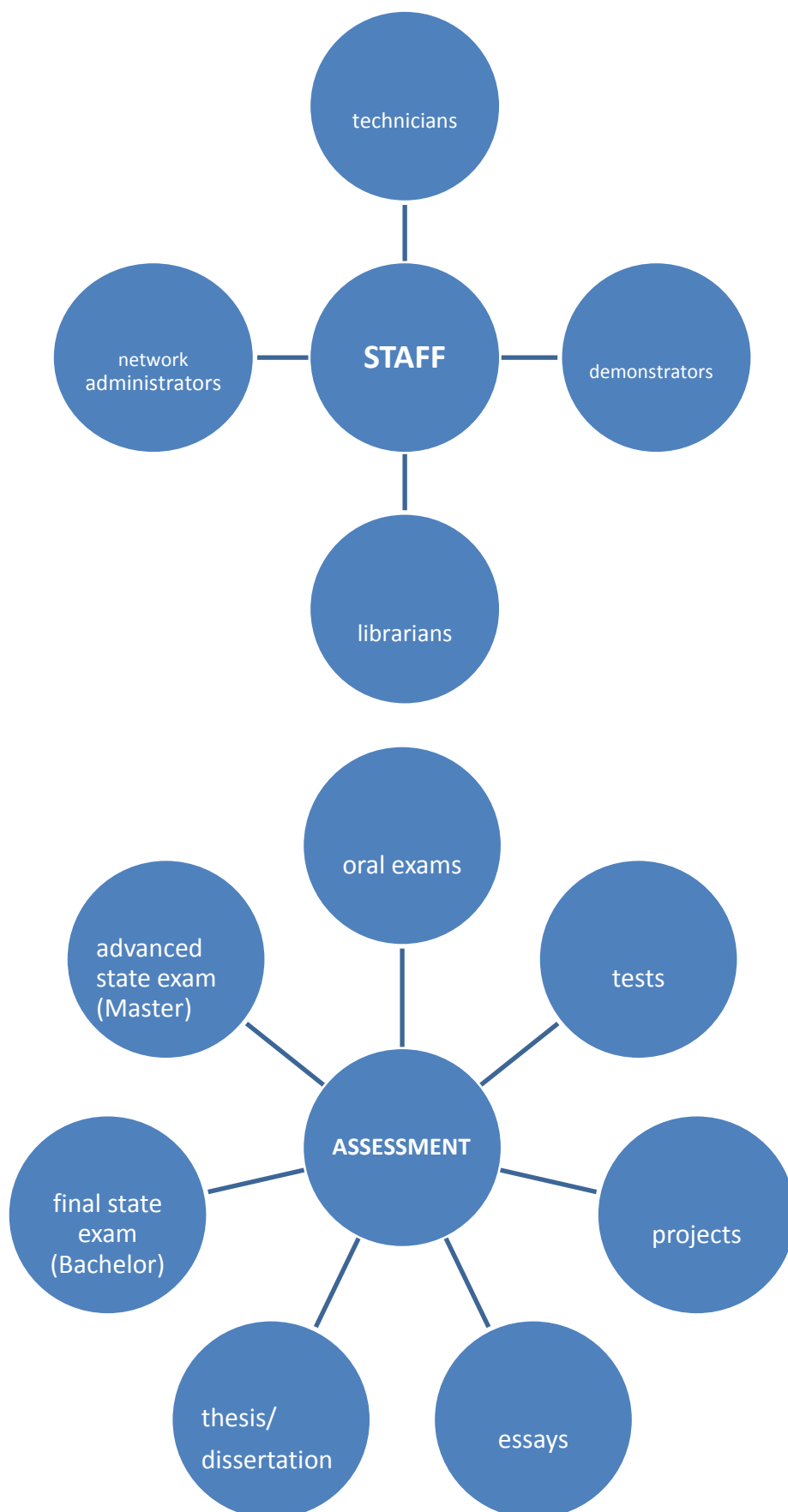
How do you study?

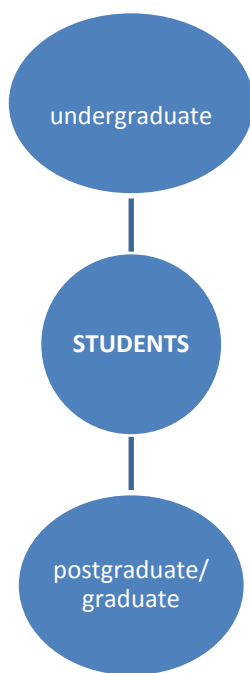
Who are the university staff?

How are you assessed?









HOMEWORK

- ✚ Read the texts on British and American universities (IS, study materials: Higher education UK, US, USxUK). Then complete the tables.

Who would say the following sentences? An American (A) or a British (B) student?

Are you faculty or student?	
The faculty will have to come to a decision on this?	
I attended Masaryk University.	
I went to university in Slovakia.	
She graduated from university in 2011	
They took some fascinating courses at college.	
Paul went to school at Stanford.	
He is a freshman.	
sophomore, junior, senior	
first year student, second-year student, third-year student, fourth-year student	

Type of study UK	Degree awards	Length of the course	Abbreviation (science)	Degree in full (science)
		3-4	B.Sc	Bachelor of Science
Postgraduate	Master's degree	1-2		Master of Science
		3-more	Ph.D	

Type of study US	Degree awards	Length of the course	Courses	Abbreviation (science)	Degree in full (science)
undergraduate	community college →		terminal → employment		
		2 years	academic → transfer to a 4-year college/univ.	A.S.	Associate in Science
		4 years freshman sophomore junior senior	<ul style="list-style-type: none"> core (1-2) (general basic/distribution requirements) major (3-4) elective 	B.S.	Bachelor of Science
	Master's degree	1-2			Master of Science
	Doctorate degree			Ph.D. (Sc.D.)	Doctor of Philosophy

- ✚ **Search the internet and find a university of your choice. Then answer the following questions. Be ready to present the university to your colleagues.**

What is the name and location of the University?

Why have you chosen it?

What is the official position of the head of the University?

What is the structure of the University? (faculties, colleges, schools, departments)

What degrees does the University offer?

How is the academic year organized?

What and why would you like to study there?

What are the language requirements?

How much will you have to pay?

How, when and where will you apply for admission?

- 12. Share and compare the information on the higher education institutions with your partner. Then find two similarities and two differences. Write the sentences using the comparison/contrast markers (see the table below).**

Both X and Y	
X is like Y X and Y are similar X is similar to Y X is the same as Y X resembles Y	with respect to as regards price. as far as is concerned. regarding in
.....	Similarly,
There are a number of similarities between X and Y.	
X is different from Y in a number of respects. There are a number of important differences between X and Y. X differs from Y in a number of important ways.	
X differs from Y X is unlike Y X and Y differ X is different from Y X contrasts with Y	with respect to as regards price. as far as is concerned. regarding in
.....	On the other hand, In contrast, However, , whereas , while