

## Course description

### Part 1

General information about the course			
1. Major of study: medicine		2. Study level: unified MSc	
		3. Form of study: intramural	
4. Year: IV		5. Semester: VII	
6. Course name: Embryology			
7. Course status: required			
8. Course objectives			
Prefertilization and fertilization events			
Formation of human embryo and development of tissues and organs.			
Placenta and fetal membranes.Twins.			
Fetal period. Birth defects , prenatal diagnosis.			
Organogenesis. Development of individual systems and their interrelation.			
Learning outcomes / reference to learning outcomes indicated in (underline as appropriate): <u>education standards (Regulation of the Ministry of Science and Higher Education) / Resolution of the Senate of the Medical University of Silesia (indicate terms specified in education standards / signs of learning outcomes approved by the Resolution of the Senate of the Medical University of Silesia)</u> For knowledge student knows and understands:			
Knows embryological nomenclature A.W1			
Knows topographical relations between organs during development A.W3			
Knows developmental stages of human embryo, organization of placenta and fetal membranes, development of individual systems and organs and possible teratogenic effects of different environmental and toxic substances A.W6			
For skills student can do:			
Has ability to use embryological nomenclature both in written and spoken form A.U5			
For social competencies student is ready to: has ability for constant self education.			
9. Number of hours for the course		30	10. Number of ECTS points for the course
			2
11. Form of evaluation: grade credit			
12. Methods of verification and evaluation of learning outcomes			
Learning outcomes	Methods of verification		Methods of evaluation*/ credit
Knowledge	Grade credit – MCQ		*
Skills	Report Observation		*
Competencies	Observation		*

\* For exams and grade credits the following evaluation system has been assumed:

**Very good (5,0)** – the assumed learning outcomes have been achieved and significantly exceed the required level

**Better than good (4,5)** – the assumed learning outcomes have been achieved and slightly exceed the required level

**Good (4,0)** – the assumed learning outcomes have been achieved at the required level

**Better than satisfactory (3,5)** – the assumed learning outcomes have been achieved at the average required level

**Satisfactory (3,0)** – the assumed learning outcomes have been achieved at the minimum required level

**Unsatisfactory (2,0)** – the assumed learning outcomes have not been achieved