

## Master's Programme in Biopharmaceuticals (FBL2M) Elective Courses, Autumn semester 2024

For information about course content and entry requirements, please read the course syllabuses at [www.uu.se/utbildning/utbildningar/selma/sok/](http://www.uu.se/utbildning/utbildningar/selma/sok/), or check [www.antagning.se/universityadmissions.se](http://www.antagning.se/universityadmissions.se)

### Periodization at the Faculty of Pharmacy

- **A:** 2 September - 2 October
- **B:** 3 October - 3 November
- **C:** 4 November - 3 December
- **D:** 4 December - 19 January

**Note** that some courses deviate from the periodization.  
Recommended is a study pace up to 150 % during a period.

### Study pace:

- 100% (full-time)
- 50 % (half-time)

Code	Course Name	Maximum limit <sup>1</sup> of students	A	B	C	D
3FN209	Drug Discovery Based on Natural Products, 7.5 credits		100%			
3FF209	Applied Pharmaceutical Structural Bioinformatics, 5 credits		50%	50%		
3FF036	Artificial Intelligence in Drug Discovery, 7.5 credits		50%	50%		
3FB030	Clinical Trial Methodology, 7.5 credits				100%	
3FK285	Molecular Imaging with Focus on PET, 7.5 credits				100%	
3FF037	Laboratory Automation in Life Sciences, 7.5 credits	10		100%		
3FK228	Applied Pharmaceutical and Biomedical Analysis, 7.5 credits	16				100%
3FG013	Introduction to Nanomedicine, 7.5 credits					100%
3FB221	Introduction to Programming in Python and R for Bioscience, 7.5 credits	5			100%	
3FB207	Models for Biological Systems, 7.5 credits	30		100%		
3FG288	Molecular Biopharmaceutics, 7.5 credits			100%		
3FC003	Molecular Physical Pharmacy, 7.5 credits		100%			
3FG289	Preclinical and clinical data analysis in predictive drug discovery/development 7.5 credits					100%

3MC300	3D Printing and Bioprinting in the Life Sciences, 5 credits		33%	33%	33%	
3NR600	Advanced Neurobiology, 15 credits				100%	100%
3MG036	Bioimaging and Cell Analysis, 7.5 credits		100%			
3MR100	Comparative Genomics for Biomedicine, 15 credits		100%	100%		
3FF275	Pharmaceutical Bioinformatics, 7.5 credits		50%	50%		
3MG018	Immune, Gene and Cell Therapy, 7.5 credits			50%	50%	
3PA013	Molecular Mechanisms in Cancer, 7.5 credits			100%		
1KB430	Project in Biopharmaceutical Development, 7.5 credits					100%
1KB433	Protein Science, 15 credits				100%	100%
3MG035	Regenerative Medicine, 7.5 credits			100%		
1BG349	Structure and Function of Macromolecules, 15 credits				100%	100%
1KB447	Nanobiotechnology and Biosensors, 15 credits		100%	100%		