

Division of Food Science and Biotechnology

No.	Title	Instructor	Credit	Semester	Notes
GA22	Advanced Course of Enzyme Chemistry	Kiyoshi YASUKAWA, Teisuke TAKITA	1	Apr-Sep(Intensive)	★ ◎
GA23	Advanced Course of Protein Engineering	Kiyoshi YASUKAWA, Teisuke TAKITA	1	Apr-Sep(Intensive)	☆ ◎
GA24	Advanced Course of Food Chemistry	Fumito TANI, Kentaro MATSUMIYA	1	Oct-Mar(Intensive)	★ ◎
GA25	Advanced Course of Bioorganic Chemistry	Chihiro TSUKANO, Kazuma MURAKAMI	1	Apr-Sep(Intensive)	★
GA26	Advanced Course of Natural Products Chemistry	Chihiro TSUKANO, Kazuma MURAKAMI	1	Apr-Sep(Intensive)	☆
GA27	Advanced Course of Metabolism and Nutritional Chemistry	Kazuo INOUE, Tsuyoshi GOTO, Haruya TAKAHASHI	1	Oct-Mar(Intensive)	★
GA28	Advanced Course of Health Science	Tsutomu SASAKI, Satoshi TSUZUKI, Sho MATSUI, Yasuo OGURI	1	Oct-Mar(Intensive)	☆ ◎
GA29	Advanced Course of Nutritional Physiology I	Tsutomu SASAKI, Satoshi TSUZUKI, Sho MATSUI, Yasuo OGURI	1	Oct-Mar(Intensive)	★
GA30	Advanced Course of Nutritional Physiology II	Kazuo INOUE, Kousaku OHINATA, Takumi YOKOKAWA	1	Oct-Mar(Intensive)	☆
GA34	Advanced Course of Bioengineering	Fumito TANI, Kentaro MATSUMIYA, Takashi KOBAYASHI, Takenobu OGAWA	1	Oct-Mar(Intensive)	☆ ◎
GA32	Advanced Course of Applied Microbiology	Wataru HASHIMOTO, Kohei OGURA	1	Apr-Sep(Intensive)	★
GA33	Advanced Course of Synthetic Biology	Wataru HASHIMOTO, Kohei OGURA	1	Apr-Sep(Intensive)	☆
GA14	Food Science and Biotechnology I	Shin-ichi TOMIOKA, Kazuyuki TORII, Aki TSUJIMOTO (TAIMATSU), Takanori KASHIMA, Norihiko YOSHIMOTO, Atsushi FUJITA	1	Apr-Sep(Intensive)	
GA15	Food Science and Biotechnology II		1		N/A
GA16	Food Science and Biotechnology III	Jun-ichi MARUYAMA	1	Apr-Sep(Intensive)	
GA17	Food Science and Biotechnology IV		1		N/A
GA18	Food Science and Biotechnology V		1		N/A
GA19	Food Science and Biotechnology VI		1		N/A
GF01	Enzyme Chemistry Seminar	Kiyoshi YASUKAWA, Teisuke TAKITA	1.5 1.5	Apr-Sep Oct-Mar	
GF02	Food Chemistry Seminar		1.5 1.5	Apr-Sep Oct-Mar	N/A
GF03	Seminar of Organic Chemistry in Life Science	Chihiro TSUKANO, Kazuma MURAKAMI	1.5 1.5	Apr-Sep Oct-Mar	
GF04	Nutrition Chemistry Seminar	Tsutomu SASAKI, Satoshi TSUZUKI, Sho MATSUI, Yasuo OGURI	1.5 1.5	Apr-Sep Oct-Mar	◎
GF05	Seminar in Molecular Function of Food		1.5 1.5	Apr-Sep Oct-Mar	N/A
GF06	Seminar in Physiological Functions of Foods	Kazuo INOUE, Kousaku OHINATA, Tsuyoshi GOTO, Haruya TAKAHASHI, Takumi YOKOKAWA	1.5 1.5	Apr-Sep Oct-Mar	
GF07	Bioengineering Seminar	Fumito TANI, Kentaro MATSUMIYA, Takashi KOBAYASHI, Takenobu OGAWA	1.5 1.5	Apr-Sep Oct-Mar	◎
GF08	Molecular Biotechnology Seminar	Wataru HASHIMOTO, Kohei OGURA	1.5 1.5	Apr-Sep Oct-Mar	
GG01	Experimental Course of Enzyme Chemistry	Kiyoshi YASUKAWA, Teisuke TAKITA	3 3	Apr-Sep Oct-Mar	
GG02	Experimental Course in Food Chemistry		3 3	Apr-Sep Oct-Mar	N/A
GG03	Experimental Course of Organic Chemistry in Life Science	Chihiro TSUKANO, Kazuma MURAKAMI	3 3	Apr-Sep Oct-Mar	
GG04	Experimental Course in Nutrition Chemistry	Tsutomu SASAKI, Satoshi TSUZUKI, Sho MATSUI, Yasuo OGURI	3 3	Apr-Sep Oct-Mar	◎
GG05	Experimental Course in Molecular Function of Food		3 3	Apr-Sep Oct-Mar	N/A
GG06	Experimental Course in Physiological Functions of Foods	Kazuo INOUE, Kousaku OHINATA, Tsuyoshi GOTO, Haruya TAKAHASHI, Takumi YOKOKAWA	3 3	Apr-Sep Oct-Mar	
GG07	Experimental Course in Bioengineering	Fumito TANI, Kentaro MATSUMIYA, Takashi KOBAYASHI, Takenobu OGAWA	3 3	Apr-Sep Oct-Mar	◎
GG08	Experimental Course in Molecular Biotechnology	Chihiro TSUKANO, Kazuma MURAKAMI	3 3	Apr-Sep Oct-Mar	
GZ00	Master's Thesis				

Requirements by Division of Food Science and Biotechnology

- 1) Earn at least 30 credits including 6 credits by seminar and 12 credits by experimental course given by your laboratory.
- 2) In order to take other divisions' courses and earn them as credits, get permission from your division's office at the time of registration.
- 3) Retaking subjects you have previously completed is not permitted, even if it is an intensive course with a different instructor in a different year. The only exception is retaking seminars and experimental courses of your own laboratory.
- 4) Subjects with "☆&★ marks" are held every 2 years alternately.

Subjects with "☆ marks" are held in this academic year and those with "★ marks" in next academic year.

- 5) Subjects with "◎ marks" may be given in English when any of international students wish to attend.
- 6) If you enroll in April and aim to complete the course in March, register for the "Master's Thesis" during your 2nd (fall) semester as a M2 student. / If you enroll in October and aim to complete the course in September, register for the "Master's Thesis" during your 1st (spring) semester as a M2 student.