

Division of Food Science and Biotechnology

| No. | Title | Instructor | Credit | Semester | Notes |
|------|--|---|------------|--------------------|-------|
| GA22 | Advanced Course of Enzyme Chemistry | Masahiro FUJIIHASHI | 1 | Oct-Mar(Intensive) | ☆ ◎ |
| GA35 | Advanced Course of Protein Science | Masahiro FUJIIHASHI | 1 | Oct-Mar(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 | 1 | Apr-Sep(Intensive) | ★ ◎ |
| GA29 | Advanced Course of Nutritional Physiology I | Tsutomu SASAKI, Satoshi TSUZUKI, Sho MATSUI | 1 | Apr-Sep(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, Hiroyuki FUJIWARA, Aki TSUJIMOTO (TAIMATSU), Takanori KASHIMA, Norihiko YOSHIMOTO, Atsushi FUJITA | 1 | Apr-Sep(Intensive) | |
| GA15 | Food Science and Biotechnology II | Yui MASUDA | 1 | Apr-Sep(Intensive) | |
| GA16 | Food Science and Biotechnology III | | 1 | | N/A |
| 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 | Masahiro FUJIIHASHI | 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 | 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, Teisuke TAKITA | 1.5 1.5 | Apr-Sep Oct-Mar | |
| GG01 | Experimental Course of Enzyme Chemistry | Masahiro FUJIIHASHI | 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 | 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 | Wataru HASHIMOTO, Kohei OGURA, Teisuke TAKITA | 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) Those who wish to advance to the doctoral program will be assessed upon completion of the master's program.
- 7) 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.