

af c D /

Bc a g g d N e

L c dDa &c c ' Qaf d gb g ega Qag ac &c c d gb g ega Qag ac' [

L c dN e	D b Qag ac N e
/,Bce cc c gcb8 afc d e ga c	

0,M c g

Rfc Qaf d gb g ega Qag ac g cb a c bc a gc gc ec d cbec b

XIQ G H J V W Se 1 G B° 0dUVñ hX0` X Q G ag U g W D Q) B0 gb g e , Q caga \* c gc

b a ac c ac f g f c c g c b d a g g c d f c b 9  
 &' R f c g g g b c g l c c b b c b e c \* g c e c d g b g e c g f c b e c c  
 f g c c d d c g e \* b c g c f c c d - b c c a g c c b f g  
 g c e c b c b e c 9 b  
 &' E c c b g c b e c d a g a c f c c f c b c b c f c c b e c b g c g c b d  
 g g g d f c c a g d g b d g b g e g a g a c ,  
 R f e f f c c a g g c b d b c c a d c a g g c b c b a g \* f c b c g c g c b a g c 8  
 &' R f c g g b c b a g e - c b e c g \* c f c g b c c b e g b f c g f c c 9  
 &' R f c g g b c b f c c g g b c c a c e g c b a g d g b g e \* b f c  
 g a c d a g g b a c g b g e g c g f c g a g d a g g a c 9 b  
 &' S b c b g e d c c e b g e c c a f g a b a b f c g a c d c c a f b c e g c c g e c f g ,  
 R f e f f c c a g g c b c b a g g f g e \* f c b c g c g c b a g c 8

- (8) Has acquired professional knowledge regarding production management and distribution of food and be capable of generally considering measures for ensuring stable supply of safe food.
- (9) Has acquired professional knowledge and general skills regarding manufacture and processing of food and be capable of understanding practical measures for converting food material to safe food with high quality and functionality.
- (10) Has acquired basic and professional knowledge and skills regarding evaluation and regulation of safety, nutrition, palatability, living body control function, and physical characteristics and new effective use and be capable of exercising them.
- (11) Has comprehensively learned the flow from the production of food to the consumption by consumers to understand it as a unified system. The student is also acquired to become capable of applying such as the

&' Rfc a c g fc cag gcb cb a g d fg e gbc fc cag gcb ca c cb af  
 b ag ec c b bg g g dd b\* d ag c g b b acb c d d b cg \* b  
 da c b bc c c d d d b gf f g f d ag g c c bc a gc a gg d  
 c g b fg af g bc bge fcd b ag ac d fc g g g , fca c d  
 c c agc b c c g c a g c d fc c cb c c gcb d bc a gc g b g bc  
 a g b c fc c , G bbgg f \* bc bc c ec c a ggg d c ge  
 ga bge g d a g g \* c c g \* b a g d c g e ec a gg fgc c ge fg-fc  
 e b g fc g,

3, Q g c b aac aca bgg

Rfc Qaf d gb g ega Qag acf b fcc acc g g a cagc d fc Bc c d gb  
 g ega Qag ac, Q bc g c fc gc a g f cfc bd fc f c d fc gc g &c g  
 d bc c geg c gc ac\* ca ce bge c ac\* g b ag gc g cb a g \* d c g e ec b \* b  
 ac ge b \* bgag g ca \* b ca ce bge fc f ' g fc dg b ca b c c c d fc  
 dg c b fc dg c c c d fc ca b c , g c d bc fc D b Qag ac N e g a  
 a b acbg fc ca b c c c d fc ca b c ,

Students study the fundamental subjects for one year after entering the university to acquire the basic knowledge required for studying the expertise. Then they mainly study the specialized fundamental subjects common for the all students of School of Applied Biological Science in the second semester of the second year. Particularly, they take the subjects of Laboratory Work in General Chemistry, Laboratory Work in General Physics, and Laboratory Work in General Biology I & II (including computer exercise) as those regarding experiments that are common for all students of the School of Applied Biological Science that consist of to get basic training for experiments in a wide area that is commonly required for the students of the School of Applied Biological Science. Students acquire a wide range of intelligence, capability in foreign languages such as English, data processing skills, basic knowledge common for the students of the School of Applied Biological Science, understanding for bioethics and ethics of science by the first semester of the second year to allow themselves to understand the aim and characteristics of each major program and select the most appropriate program.

Q bc c a cb cgfc dd e & ce g c F b fc g Qag ac N e \* gb g  
 N Qag ac N e \* D b Qag ac N e \* b ca e g g e N e ' cb fg-fc gf b  
 af g c c c c g fc ca b c c c d fc ca b c , Q bc f c c fc gc g g fc da c c  
 c bg gcb g d e g g ag c, Rfc b g dc bcag g c bcb ,  
 Rfc bc cc fc cag b c gc c d a g fc e gfc-fc gfc c a cb  
 fc e ,

### 6. Available qualification

(1) Educational personnel certification: Type 1 License for High School Teacher (science)

⊙' A gac c

&' g c g g g d d b g g c g bd b g g g ca

( D bc g d a ggg d f c g g \* cd fc Q bc F b ,

⊙' O g g d c g g d A f b c g c eg cc

7.A ca b fcg a c

( D fca ca \* cdb fc ca c g af c /,

( D fcbcg d fca ca \* cdb fc f g g fcb d c af a bc g c ,

afg c c c g	L c g a c g
Q & ac c 87. c	2
& c e b8 6. - 67	1
& b85. - 57 g '	0
A & cb84. - 47 g '	/

8. a bc g afg c c

Rfc c g a gc g c cagcb d c af a bc g afg c c  
c g gc \* b fc afg c c c c e g fc a gc g g  
bcc gcb fcc b d fc c c c ,

Rfc c g a c d c af c g gc g a c cb  
c g c & ; 2\* ; 1\* ; 0\* b A ; /' \* b fc c g  
b b d a bc g afg c c \* d fc fc bc c ccb fc  
g c g fc c b d fc c c c \* g bcc gcb ge fc c c  
fgc ge c g f g e , Rfc c g b b a g d f cc

c c \*gc, C ac c \*Tc E b\* bE b,

Q b afg c c	C g b b
C ac c	1, . - 2, .
Tc E b	0, . - 0,77
E b	/, . - /,77

( Pcd fc c g fg c cc c g gc bc g a gc g bc a g cb g af c 0,

( Pcd fc c g fg c cc c g gc ba ca bc a g cb g af c 1,

( Pcd fca g g af c 2,

9.E b g fc g & b g c c af' & c ge\* bc a g \* g ge\*ca,'

&' N c

Rfc e b g c c af g fg e & b c Rfc g' g fc bc bcbg c fg c d fc c d  
a ge-cbec c c af g bc c g e g bc bge d c b fcg a e b g fc d b d  
gb g e g ag ac\* c a gc a cfc g c a ggg fgc ge b a g c ge fc  
gcb c b c c ge fc c g C e g f f bg gge,

0' M c g b c ge

Q bc a b a fce b c c c af bc fce g ac d fcg c g , Rf ef fcge b g c c af\*  
bc c e ec gf fc ac a g ge d bc bge fc g g & cfc g gg b g c gc ac\*  
gbc g d c & g gg b g g f' \* b c c g d fc c & b c ca g  
gg \* b\* b ge \* fc a gc fca gg b g c gcb c c dc fcge b g ,  
Q bc c fc g a ac b g bcd b c c gcb d c c af aggg \*c gf d fcg  
c c af\* b cf b d fc c c af bc c g c \* ba fc c c af bc fc g ag d fcg  
c g , D fc c\* bc c g fc c gcb g fc c c af b bcd c ec d fc d fc  
c c af, Q bc c c g ac c g d c c af ac c g bc f c fc af ac c c c c af aggg  
fca ge c bec, Rfc c c e b g fc g cb fc b c b g g cd c fc cagcb b c,

Q bc cc cbg fc fc g c g g ,

&' Rg ge b cf bd bc c gge fc c g

① Rfc c g g bc c g cbg fc 0 b c c c d fcl b a bc g c ,

② Rfc c g g bc c g cb bc fce g ac d fc , Rfc f b e g ac c g d bc  
c g fc cag g dc af c c dda , Rfc g a bc c b fc c c g  
c d e b g fc c b c fc c g bc bc b fc bc g d c c af b c da  
c c , Q bc gg da c c f fc- fc af c c g \* b c fc bc g d  
fc e b g fc g b c g c d fc , Q c g c bc g cb dc fc a g bc  
bc gfc b c b c , Rfc fc da a g cc d fc e c fc bc g cb  
c g ,

10. Pc ggg

&' Pc ggg d NBA & \*b \*afca \* b a' a a c

- ① Rfc cb a g dl g a g cc d af b fc da c c f g bc fc ca c c c e ecb g fc  
ac c d b b
- ② Rfc da a g cc d fc e b c ca c fc e fcg c ggg , afgd  
da c c g bc g cb fc c g d fc e ,
- ③ Rfc cb a g dl g a g cc d fc af c c agc a c fc e gcb g fc af ,
- ④ Rfc cb a g dl g a g cc d fc bc c a g d c c f c c ca cb d c af e \*  
af g f g af c fc af \* b fc c c ,
- ⑤ Rfc cb a g cd g a g cc g c e ecb g fc ac d afca ,
- ⑥ Rfc cb a g cd g a g cc a g d c c f c c ca cb g c af e \* af g  
f g af c fc af \* fc af g d fc cb a g dl g a g cc d fc af \* g afgd d fc  
e b ca c\* b fc fc c c &',
- ⑦ Rfc cb a g cd g a g cc c g bc c fc e gcb g c af e \*  
c fc c fc cb a g dl g a g cc d fc af b fc e \* b g bc b g c b  
ca c b g ,
- ⑧ Rfc da a g cc d fc e f c fc c ggg d c ca g d fc e g c e ecb  
g fc ac d a ,
- ⑨ Rfc da a g cc d fc e b fc cb a g dl g a g cc d fc af c c  
b c ca c d g c c g e fc c \* b g c \* b ca c b g f c gcb fc  
cb a g cd g a g cc dc fc afca ac g a g bc g ,
- ⑩ g bc g cb d c af e g bc g ca g ce bge b b g c ,
- ⑪ c g g bc g cb g c af bc g fc e g ce g ac ce bge fce b g fc g ,  
Rfc c e g bc fc bc f ef fc ac d fce b g c c af g fc e b c ,  
Rfc da a g cc d fc e \* fc cb a g dl g a g cc d fc af \* b fc cb a g cd  
g a g cc a c c g f c af fc c ca c fcg c g f c ggg g fca ac d \*  
b \* afca \* b a g c fc cb a g gcb fc af ,

⊙' C g d e

① Tg g d c g d e

Rfc D b N e g c cb d fc g g d cb a g c d ta g c c b ag c d ta g c c ,

Rfc cb a g c d d a g c c g c cb c d d a d f c e c c a g cb a g a f g c c g  
bc ,

Rfc ag c d d a g c c g c cb c d d a d f c c b a g a f g c c g f c e f c a g ,

② C g c f b

G f g e \* f c a f g c c g f c e g c c b d f c g g b c a g c b c d b c g  
f c c a b c c c d f c d f c , D f c c b a g c d d a g c c \* f c c b a f g c c d f c  
b c f f c e c c c b a c f c g c f c e d d a c c f c c e e c b  
g f c c c a g d f c e , \* f c c c d a f g c c d f c b c g c c b b c g c b , R f c  
a g c d d a g c c g c c b c b a f f g e f c c d c c g a g f f c a c  
a c a g g f f c a c d f g e b f c c g g c c g g , U c c e c c  
f c a c d d c c d a f c g b c d f g e c c f g  
e , G b b g g f \* c c c e b c d f g e c c f f c g a f g c c b f  
d f c e , R f c d d g f c a b e b c c c c c b g b c c g b b g c c e b g e  
f c f c f c a c a b f c g a c g f g e c c c d d a g c d a g a g g g \* f c f c f c  
a c d a g c a c b c b f c a f e c g a g a c \* c a f e \* b a g \* b a  
c a f b c c g c b d f c d c ,

③ N g b c f b d d c b a b c

R f c c b a g c d g a g c c c e a b a g g g b g c g d b c c g b  
c c f c e \* g c f c a c d f c e \* b g b c b c a c b g d  
g c c ,