## Division of Agronomy and Horticultural Science

No.	Title	Instructor	Credits	Semester	Notes
AA01	Crop Environmental Physiology	Tomoyuki TANAKA	2	Oct-Mar	☆
AA02	Crop Production Ecology	Tatsuhiko SHIRAIWA	2	Apr-Sep	★ ◎
AA31	Progresses in Mutation Breeding	Shuhei NASUDA	2	Oct-Mar	*
AA32	Genetic Analysis in Crops	Shuhei NASUDA	2	Oct-Mar	☆ ◎
AA05	Vegetable and Ornamental Horticulture	Motoaki DOI	2	Oct-Mar	☆
	(Advanced Course)				W
AA06	Environmental Control for Horticulture	Yoshiyuki TANAKA	2	Oct-Mar	*
AA07	Pomology (Advanced Course)	Ryutaro TAO, Hisayo YAMANE	2	Apr-Sep	☆
AA26	Fruit Tree Physiology	Ryutaro TAO, Hisayo YAMANE	2	Apr-Sep	★ ◎
AA95	Weed Ecology (Advanced Course)	Yoshiko SHIMONO	2	Apr-Sep	*
AA10	Weed Science (Advanced Course)	TBD	2	Oct-Mar	☆
AA11	Plant Production Systems		2	Oct-Mar	NA in
	(Advanced Course)				AY2021
AA12	Agricultural Production Ecology	Hiromo INOUE	2	Apr-Sep	☆
	Food Quality Design and Development	Nobuyuki MARUYAMA	2	Oct-Mar	
	(Advanced Course)	, in the second			☆
	Quality Analysis and Assessment	Akira OIKAWA, Yukako HAYASHI	2	Apr-Sep	☆
	Plant Production Technique	Ryohei NAKANO	2	Oct-Mar	*
AA16	Plant Production Control Science (Advanced Course)	Tetsuya NAKAZAKI	2	Oct-Mar	☆
	Special Lecture of Plant Production Science I	Tomohiro NISHIKAWA	1	Apr-Sep	☆
AA22	Special Lecture of Plant Production Science II	Ken NAITO	1	(intensive Oct-Mar	☆
				(intensive	×
AA23	Special Lecture of Plant Production Science III	TBD	1	Apr-Sep (intensive	*
AA24	Special Lecture of Plant Production Science IV	TBD	1	Oct-Mar	*
				(intensive	
AA25	Special Lecture of Plant Production Science $\vee$	Tadahisa HIGASHIDE	1	Apr-Sep	☆
				(intensive	
AA28	Special Lecture of Plant Production Science VI	Yutaka SATO	1	Oct-Mar	☆
				(intensive	
AA29	Special Lecture of Plant Production Science VII	TBD	1	Apr-Sep	*
				(intensive	
AA30	Special Lecture of Plant Production Science	TBD	1	Oct-Mar	*
				(intensive	
	Crop Science Seminar 1	Tatsuhiko SHIRAIWA, Tomoyuki TANAKA, Yu TANAKA	4	Year-long	
	Crop Science Seminar 2	Tatsuhiko SHIRAIWA, Tomoyuki TANAKA, Yu TANAKA	4	Year-long	
	Plant Breeding Seminar 1	Shuhei NASUDA, Masayoshi TERAISHI, Takanori YOSHIKAWA	4	Year-long	
	Plant Breeding Seminar 2	Shuhei NASUDA, Masayoshi TERAISHI, Takanori YOSHIKAWA	4	Year-long	
	_	Motoaki DOI, Yoshiyuki TANAKA, Sho OHNO	4	Year-long	
	_	Motoaki DOI, Yoshiyuki TANAKA, Sho OHNO	4	Year-long	
	Pomology Seminar 1	Ryutaro TAO, Hisayo YAMANE, Soichiro NISHIYAMA, Kentaro OHNO	4	Year-long	
	Pomology Seminar 2	Ryutaro TAO, Hisayo YAMANE, Soichiro NISHIYAMA, Kentaro OHNO	4	Year-long	
	Weed Science Seminar 1	Shunji KUROKAWA, Yoshiko SHIMONO, Satoshi IWAKAMI	4	Year-long	
AB19	Weed Science Seminar 2	Shunji KUROKAWA, Yoshiko SHIMONO, Satoshi IWAKAMI	4	Year-long	

AB20 Plant Production Systems-Seminar 1 AB21 Plant Production Systems-Seminar 2 AB22 Food Quality Design and Development Seminar 1 AB23 Food Quality Design and Development Seminar 1 AB24 Quality Analysis and Assessment-Seminar 1 AB25 Quality Analysis and Assessment-Seminar 1 AB26 Quality Analysis and Assessment-Seminar 1 AB27 Plant Production Control Science Seminar 1 AB28 Plant Production Control Science Seminar 1 AB29 Plant Production Control Science Seminar 1 AB29 Plant Production Control Science Seminar 2 AB20 Plant Production Control Science Seminar 2 AB21 Plant Production Control Science Seminar 2 AB22 Plant Production Control Science Seminar 2 AB23 Special Laboratory Work in Crop Science 1 AC28 Special Laboratory Work in Crop Science 1 AC29 Special Laboratory Work in Plant Breeding 1 AC31 Special Laboratory Work in Plant Breeding 2 AC32 Special Laboratory Work in Plant Breeding 2 AC33 Special Laboratory Work in Plant Breeding 2 AC34 Special Laboratory Work in Plant Breeding 2 AC35 Special Laboratory Work in Plant Breeding 2 AC36 Special Laboratory Work in Plant Production Systems 1 AC37 Special Laboratory Work in Plant Production Systems 1 AC38 Special Laboratory Work in Plant Production Systems 1 AC39 Special Laboratory Work in Plant Production Systems 1 AC39 Special Laboratory Work in Plant Production Systems 1 AC30 Special Laboratory Work in Plant Production Systems 1 AC31 Special Laboratory Work in Plant Production Systems 1 AC32 Special Laboratory Work in Plant Production Systems 1 AC33 Special Laboratory Work in Plant Production Systems 1 AC34 Special Laboratory Work in Plant Production Systems 1 AC35 Special Laboratory Work in Plant Production Systems 1 AC36 Special Laboratory Work in Plant Production Systems 1 AC37 Special Laboratory Work in Plant Production Systems 1 AC38 Special Laboratory Work in Pomology 2 AC39 Special Laboratory Work in Pomology 2 AC30 Special Labo	No.	Title	Instructor	Credits	Semester	Notes
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AC32 Special Laboratory Work in Vegetable and Ornamental Horticulture 1 AC33 Special Laboratory Work in Vegetable and Ornamental Horticulture 2 AC34 Special Laboratory Work in Pomology 1 AC35 Special Laboratory Work in Pomology 2 AC36 Special Laboratory Work in Weed Science 1 AC37 Special Laboratory Work in Weed Science 1 AC38 Special Laboratory Work in Weed Science 2 AC38 Special Laboratory Work in Plant Production Systems 1 AC39 Special Laboratory Work in Plant Production Systems 2 AC40 Special Laboratory Work in Food Quality Design and Development 1 AC41 Special Laboratory Work in Quality Analysis and Assessment 1 AC42 Special Laboratory Work in Quality Analysis and Assessment 1 AC43 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC45 Special Laboratory Work in Plant Production Control Science 1 AC46 Special Laboratory Work in Plant Production Control Science 1 AC47 Special Laboratory Work in Plant Production Control Science 1 AC48 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC41 Special Laboratory Work in Plant Production Control Science 1 AC42 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC45 Special Laboratory Work in Plant Production Control Science 1 AC46 Special Laboratory Work in Plant Production Control Science 1 AC47 Special Laboratory Work in Plant Production Control Science 1 AC48 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC40 Special La	AC30	Special Laboratory Work in Plant Breeding 1	Shuhei NASUDA, Masayoshi TERAISHI, Takanori YOSHIKAWA	5	Year-long	
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AC39 Special Laboratory Work in Plant Production Systems 2 AC40 Special Laboratory Work in Food Quality Design and Development 1 AC41 Special Laboratory Work in Food Quality Design and Development 2 AC42 Special Laboratory Work in Quality Analysis and Assessment 1 AC43 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC45 Special Laboratory Work in Plant Production Control Science 1 AC46 Special Laboratory Work in Plant Production Control Science 1 AC47 Special Laboratory Work in Plant Production Control Science 1 AC48 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Quality Analysis and Assessment 2 AC41 Special Laboratory Work in Plant Production Control Science 1 AC42 Special Laboratory Work in Plant Production Control Science 1 AC43 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC45 Special Laboratory Work in Plant Production Control Science 1 AC46 Special Laboratory Work in Plant Production Control Science 1 AC47 Special Laboratory Work in Plant Production Control Science 1 AC48 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Systems 2 AC41 Special Laboratory Work in Plant Production Systems 2 AC41 Special Laboratory Work in Plant Production Systems 3 AC42 Special Laboratory Work in Plant Production Systems 3 AC40 Sp	AC37	Special Laboratory Work in Weed Science 2	Shunji KUROKAWA, Yoshiko SHIMONO, Satoshi IWAKAMI	5	Year-long	
AC40 Special Laboratory Work in Food Quality Design and Development 1 AC41 Special Laboratory Work in Food Quality Design and Development 2 AC42 Special Laboratory Work in Quality Analysis and Assessment 1 AC43 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC45 Special Laboratory Work in Plant Production Control Science 1 AC46 Special Laboratory Work in Plant Production Control Science 1 AC47 Special Laboratory Work in Plant Production Control Science 1 AC48 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Quality Analysis and Assessment 2 AC41 Special Laboratory Work in Quality Analysis and Assessment 2 AC42 Special Laboratory Work in Plant Production Control Science 1 AC43 Special Laboratory Work in Plant Production Control Science 1 AC44 Special Laboratory Work in Plant Production Control Science 1 AC45 Special Laboratory Work in Plant Production Control Science 1 AC46 Special Laboratory Work in Plant Production Control Science 1 AC47 Special Laboratory Work in Plant Production Control Science 1 AC48 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC49 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Plant Production Control Science 1 AC40 Special Laboratory Work in Pla	AC38	Special Laboratory Work in Plant Production Systems 1	Hiromo INOUE	5	Year-long	
AC41 Special Laboratory Work in Food Quality Design and Development 2 AC42 Special Laboratory Work in Quality Analysis and Assessment 1 AC43 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Plant Production Control Science 1 Tetsuya NAKAZAKI, Ryohei NAKANO, Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI	AC39	Special Laboratory Work in Plant Production Systems 2	Hiromo INOUE	5	Year-long	
AC42 Special Laboratory Work in Quality Analysis and Assessment 1 AC43 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Plant Production Control Science 1 Tetsuya NAKAZAKI, Ryohei NAKANO, Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI  Year-long Year-long Year-long	AC40	Special Laboratory Work in Food Quality Design and Development 1	Nobuyuki MARUYAMA	5	Year-long	
AC43 Special Laboratory Work in Quality Analysis and Assessment 2 AC44 Special Laboratory Work in Plant Production Control Science 1 Tetsuya NAKAZAKI, Ryohei NAKANO, Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI  Year-long Year-long	AC41	Special Laboratory Work in Food Quality Design and Development 2	Nobuyuki MARUYAMA	5	Year-long	
AC44 Special Laboratory Work in Plant Production Control Science 1 Tetsuya NAKAZAKI, Ryohei NAKANO, Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI	AC42	Special Laboratory Work in Quality Analysis and Assessment 1	Akira OIKAWA, Yukako HAYASHI, Kentaro MATSUMIYA	5	Year-long	
Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI	AC43	Special Laboratory Work in Quality Analysis and Assessment 2	Akira OIKAWA, Yukako HAYASHI, Kentaro MATSUMIYA	5	Year-long	
	AC44	Special Laboratory Work in Plant Production Control Science 1	Tetsuya NAKAZAKI, Ryohei NAKANO,	5	Year-long	
A CAS IS THE A WILL BE OF THE COLOR OF THE WALK AND THE W			Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI			
AC45 Special Laboratory Work in Plant Production Control Science 2   Tetsuya NAKAZAKI, Ryonel NAKANO, 5   Year-long	AC45	Special Laboratory Work in Plant Production Control Science 2	Tetsuya NAKAZAKI, Ryohei NAKANO,	5	Year-long	
Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI			Kazusa NISHIMURA, Ko MOTOKI, Akira YAMAZAKI			
AZ00 Master's Thesis	AZ00	Master's Thesis				

## Requirements by the Division of Agronomy and Horticultural Science

- 1) Among 30 credits required for course completion, hereinafter called "required credits", 20 credits or more should be earned from the subjects given by the chair which you belong to: Crop Science (Crop Science, Plant Breeding), Horticultural Science (Vegetable and Ornamental Horticulture, Pomology), Agricultural Ecology (Weed Science, Plant Production Systems), Food Quality Science (Food Quality Design and Development, Quality Analysis and Assessment) and Plant Production Science (Plant Production Control Science). The rest of the "required credits" should be earned by attending lectures among *Special Lectures of Plant Production Science*, *I* to *VIII* (1 credit respectively) and subjects given by other chairs or other divisions, graduate schools and organizations.
- 2) Credits of *Seminar* marked 1 & 2 and *Special Laboratory Work* marked 1 & 2 of your laboratory must be earned. Taking other laboratories' seminars or special laboratory works is not allowed.
- 3) In order to take subjects given by other divisions or other graduate schools and count them as the "required credits", prior notice to your division's office and permission from the division's chairperson are required.
- 4) Up to 6 credits earned by attending subjects given by other divisions can be counted as "required credits".
- 5) Retaking subjects which you have already completed is not allowed. The same goes even for an intensive course that has a different instructor in another year.
- 6) Subjects titled with "1" are for first-year students, and "2" are for second-year students.
- 7) Subjects with "☆" & "★" in the "Notes" column are held every 2 years alternately. Subjects with "☆" are held in this academic year and those with "★"
- 8) Subjects with "O" may be offered in English should there be any international students.