

## Division of Forest and Biomaterials Science

No.	Title	Instructor	Credits	Semester	Notes
BA44	Forest Resources and Society 1	Satoshi TACHIBANA, Daisuke NAITO	1	Apr-Sep (intensive)	▲☆☆◎
BA45	Forest Resources and Society 2	Satoshi TACHIBANA	1	Apr-Sep (intensive)	▲☆☆
BA46	Forest Resources and Society 3	Satoshi TACHIBANA, Daisuke NAITO	1	Apr-Sep (intensive)	▲★☆☆
BA47	Forest Resources and Society 4	Satoshi TACHIBANA	1	Apr-Sep (intensive)	▲★☆☆
BA48	Tropical Forest Environments 1	Kaoru KITAJIMA	1	Apr-Sep	▲☆☆◎
BA49	Tropical Forest Environments 2	Hiroko KUROKAWA	1	Oct-Mar	▲☆☆◎
BD02	Tropical Forest Environments 3	Kaoru KITAJIMA	1	Apr-Sep (intensive)	▲★☆☆
BD03	Tropical Forest Environments 4	Kaoru KITAJIMA, Hiroko KUROKAWA	1	Oct-Mar (intensive)	▲★☆☆
BD14	Forest Ecology 1	Yusuke ONODA	1	Oct-Mar (intensive)	▲★☆☆
BD15	Forest Ecology 2	Shinichi TATSUMI	1	Apr-Sep (intensive)	▲★☆☆
BD16	Forest Ecology 3	Yusuke ONODA	1	Oct-Mar (intensive)	▲☆☆◎
BD17	Forest Ecology 4	Shinichi TATSUMI	1	Apr-Sep (intensive)	▲☆☆◎
BA05	Forest Utilization I	Masako DANNOURA, Minoru TOKITO	2	Apr-Sep	★☆☆◎
BA06	Forest Utilization II	Masako DANNOURA, Daniel EPRON	2	Oct-Mar (intensive)	☆☆◎
BA50	Forest Biology 1	Yuji ISAGI	1	Apr-Sep (intensive)	▲
BA51	Forest Biology 2	Michimasa YAMASAKI	1	Oct-Mar	▲
BA09	Landscape Planning and Design	Junichi IMANISHI	2	Oct-Mar	★
BA10	Landscape Planning and Management	Katsue FUKAMACHI	2	Apr-Sep	☆☆
BA11	Theory of Erosion Control	Ken'ichiro KOSUGI, Shusuke MIYATA, Naoya MASAOKA	2	Oct-Mar	★☆☆◎
BD08	Special Lecture on Forest Hydrology	Yoshiko KOSUGI	2	Apr-Sep (intensive)	☆☆◎
BD09	Special Lecture on Environmental Biophysics	Yoshiko KOSUGI, Ayaka SAKABE	2	Apr-Sep (intensive)	★
BA12	Control of Natural Hazards in Watersheds	Ken'ichiro KOSUGI	2	Apr-Sep	☆☆
BA52	Biomaterials Design 1	Miyuki MATSUO	1	Apr-Sep (intensive)	▲☆☆
BA53	Biomaterials Design 2	Masashi NAKAMURA	1	Oct-Mar (intensive)	▲☆☆
BA54	Biomaterials Design 3	Miyuki MATSUO	1	Apr-Sep (intensive)	▲★☆☆
BA55	Biomaterials Design 4	Masashi NAKAMURA	1	Oct-Mar (intensive)	▲★☆☆
BA56	Wood Processing 1	Koji MURATA	1	Apr-Sep (intensive)	▲☆☆
BA57	Wood Processing 2		1	Oct-Mar	▲☆☆
BA58	Wood Processing 3	Koji MURATA	1	Apr-Sep (intensive)	▲★☆☆
BA59	Wood Processing 4		1	Oct-Mar (intensive)	▲★☆☆
BA79	Fibrous Biomaterials I	Masahisa WADA	1	Oct-Mar (intensive)	▲
BA80	Fibrous Biomaterials II		1		NA in AY 2025
BA60	Tree Cell Biology 1	Arata YOSHINAGA	1	Apr-Sep	▲
BA61	Tree Cell Biology 2	Tatsuya AWANO	1	Oct-Mar	▲

No.	Title	Instructor	Credits	Semester	Notes
BA96	Chemistry of Composite Materials I	Hiroshi KAMITAKAHARA	1	Apr-Sep (intensive)	▲
BA97	Chemistry of Composite Materials II		1		NA in AY 2025
BA62	Biomaterials Chemistry 1	Toshiyuki TAKANO	1	Apr-Sep (intensive)	▲
BA63	Biomaterials Chemistry 2	Yoshikuni TERAMOTO	1	Oct-Mar (intensive)	▲
BD12	Forest Biochemistry 1	Yoichi HONDA	1	Apr-Sep (intensive)	▲
BD13	Forest Biochemistry 2	Moriyuki KAWAUCHI	1	Oct-Mar (intensive)	▲
BA13	Forest Information Sciences I	Ryunosuke TATENO, Shunsuke MATSUOKA	2	Oct-Mar (intensive)	★
BA14	Forest Information Sciences II	Kazuya KOBAYASHI, Nao SAKANOE	2	Oct-Mar (intensive)	☆
BA15	Silviculture I	Naoko TOKUCHI, Hisashi HASEGAWA	2	Oct-Mar	★
BA16	Silviculture II	Takeshi ISE, Masae ISHIHARA	2	Oct-Mar	☆
BD04	Material Biology I	Tomoya IMAI	1	Apr-Sep (intensive)	▲
BD05	Material Biology II	Suyako TAZURU	1	Oct-Mar (intensive)	▲
BA66	Bio-based Materials Physics	Shinsuke IFUKU, Masaaki AKAMATSU, Soichi TANAKA	2	Apr-Sep (intensive)	
BA67	Sustainable Materials	Kenji UMEMURA, Shuoye CHEN	2	Apr-Sep (intensive)	
BA68	Sciences for Innovative Humano-habitability	Wakako OHMURA, Yoshiyuki YANASE, Toshimitsu HATA	2	Apr-Sep (intensive)	
BA89	Timber Science & Engineering I	Hiroshi ISODA, Takafumi NAKAGAWA, Ai TOMITA	2	Apr-Sep (intensive)	★
BA90	Timber Science & Engineering II	Hiroshi ISODA, Takafumi NAKAGAWA, Ai TOMITA	2	Apr-Sep (intensive)	☆
BD01	Instrumental Analytical Science	Division of Forest and Biomaterials Science Teaching Staff	2	Oct-Mar	
BA71	Advanced Lecture in Forest Science I	Hideyuki NIWA	1	Oct-Mar (intensive)	
BA72	Advanced Lecture in Forest Science II	Yojiro MATSUURA	1	Apr-Sep (intensive)	
BA73	Advanced Lecture in Forest Science III	Masahiro HAYAJIRI	1	Oct-Mar (intensive)	
BA74	Advanced Lecture in Forest Science IV	Takashi MASAKI	1	Oct-Mar (intensive)	
BA75	Advanced Lecture in Forest Science V	Yuko TSUNETSUGU	1	Apr-Sep (intensive)	
BA76	Advanced Lecture in Forest Science VI	Masaya NOGI	1	Apr-Sep (intensive)	
BA77	Advanced Lecture in Forest Science VII	Yoshihiko AMANO	1	Apr-Sep (intensive)	
BA78	Advanced Lecture in Forest Science VIII		1		NA in AY 2025
BA83	Advanced Lecture in Forest Science IX		1		NA in AY 2025
BA84	Advanced Lecture in Forest Science X		1		NA in AY 2025
BA85	Advanced Lecture in Forest Science XI		1		NA in AY 2025
BA86	Advanced Lecture in Forest Science XII		1		NA in AY 2025
BA87	Advanced Lecture in Forest Science XIII		1		NA in AY 2025
BA88	Advanced Lecture in Forest Science XIV		1		NA in AY 2025

No.	Title	Instructor	Credits	Semester	Notes
BF01	Seminar in Forest Resources and Society	Satoshi TACHIBANA, Daisuke NAITO	2 2	Apr-Sep Oct-Mar	◎
BF02	Seminar in Tropical Forest Environments	Kaoru KITAJIMA, Hiroko KUROKAWA, Komei KADOWAKI, Takayuki KANEKO	2 2	Apr-Sep Oct-Mar	◎
BF03	Seminar in Forest Ecology	Yusuke ONODA, Shinichi TATSUMI, Ryota AOYAGI	2 2	Apr-Sep Oct-Mar	
BF04	Seminar in Forest Utilization	Masako DANNOURA, Minoru TOKITO, Daniel EPRON	2 2	Apr-Sep Oct-Mar	◎
BF05	Seminar in Forest Biology	Yuji ISAGI, Michimasa YAMASAKI	2 2	Apr-Sep Oct-Mar	
BF06	Seminar in Landscape Architecture	Junichi IMANISHI, Katsue FUKAMACHI, Ryo NUKINA	2 2	Apr-Sep Oct-Mar	◎
BF07	Seminar in Erosion Control	Ken'ichiro KOSUGI, Shusuke MIYATA, Naoya MASAOKA	2 2	Apr-Sep Oct-Mar	
BF08	Seminar in Forest Hydrology	Yoshiko KOSUGI, Daniel EPRON, Ayaka SAKABE	2 2	Apr-Sep Oct-Mar	
BF09	Seminar in Biomaterials Design	Masashi NAKAMURA, Miyuki MATSUO	2 2	Apr-Sep Oct-Mar	
BF10	Seminar in Wood Processing	Koji MURATA, Yutaka SAWADA	2 2	Apr-Sep Oct-Mar	
BF11	Seminar in Fibrous Biomaterials	Masahisa WADA, Kayoko KOBAYASHI	2 2	Apr-Sep Oct-Mar	
BF12	Seminar on Tree Cell Biology	Arata YOSHINAGA, Tatsuya AWANO	2 2	Apr-Sep Oct-Mar	
BF13	Seminar of Composite Materials Chemistry	Hiroshi KAMITAKAHARA, Kazuki SUGIMURA	2 2	Apr-Sep Oct-Mar	
BF14	Seminar in Biomaterials Chemistry	Toshiyuki TAKANO, Yoshikuni TERAMOTO, Bing XIE	2 2	Apr-Sep Oct-Mar	
BF15	Seminar in Forest Biochemistry	Yoichi HONDA, Moriyuki KAWAUCHI, Takehito NAKAZAWA	2 2	Apr-Sep Oct-Mar	◎
BF16	Seminar in Forest Information	Ryunosuke TATENO, Kazuya KOBAYASHI Nao SAKANOUÉ, Asami NAKANISHI, Shunsuke MATSUOKA, Yoriko SUGIYAMA	2 2	Apr-Sep Oct-Mar	
BF17	Seminar in Silviculture	Naoko TOKUCHI, Hisashi HASEGAWA, Takeshi ISE Masae ISHIHARA, Hanami SUZUKI, Manqing ZHANG	2 2	Apr-Sep Oct-Mar	
BF18	Seminar in Bio-based Material Science	Shinsuke IFUKU, Masaaki AKAMATSU, Soichi TANAKA	2 2	Apr-Sep Oct-Mar	◎
BF19	Seminar in Sustainable Materials	Kenji UMEMURA, Shuoye CHEN	2 2	Apr-Sep Oct-Mar	
BF20	Seminar on Sciences for Innovative Humano-habitability	Wakako OHMURA, Yoshiyuki YANASE, Toshimitsu HATA	2 2	Apr-Sep Oct-Mar	◎
BF21	Seminar in Material Biology	Tomoya IMAI, Suyako TAZURU, Kei'ichi BABA	2 2	Apr-Sep Oct-Mar	
BF22	Seminar on Timber Science & Engineering1	Hiroshi ISODA, Takafumi NAKAGAWA, Ai TOMITA	2 2	Apr-Sep Oct-Mar	

No.	Title	Instructor	Credits	Semester	Notes
BG01	Laboratory Course in Forest Resources and Society	Satoshi TACHIBANA, Daisuke NAITO	2.5 2.5	Apr-Sep Oct-Mar	◎
BG02	Practice in Tropical Forest Environments	Kaoru KITAJIMA, Hiroko KUROKAWA, Komei KADOWAKI, Takayuki KANEKO	2.5 2.5	Apr-Sep Oct-Mar	◎
BG03	Laboratory Course in Forest Ecology	Yusuke ONODA, Shinichi TATSUMI, Ryota AOYAGI	2.5 2.5	Apr-Sep Oct-Mar	
BG04	Laboratory Course in Forest Utilization	Masako DANNOURA, Minori TOKITO, Daniel EPRON	2.5 2.5	Apr-Sep Oct-Mar	◎
BG05	Laboratory Course in Forest Biology	Yuji ISAGI, Michimasa YAMASAKI	2.5 2.5	Apr-Sep Oct-Mar	
BG06	Laboratory Works in Landscape Architecture	Junichi IMANISHI, Katsue FUKAMACHI, Ryo NUKINA	2.5 2.5	Apr-Sep Oct-Mar	◎
BG07	Laboratory Works in Erosion Control	Ken'ichiro KOSUGI, Shusuke MIYATA, Naoya MASAOKA	2.5 2.5	Apr-Sep Oct-Mar	
BG08	Laboratory Course in Forest Hydrology	Yoshiko KOSUGI, Daniel EPRON, Ayaka SAKABE	2.5 2.5	Apr-Sep Oct-Mar	
BG09	Laboratory Course in Biomaterials Design	Masashi NAKAMURA, Miyuki MATSUO	2.5 2.5	Apr-Sep Oct-Mar	
BG10	Laboratory Course in Wood Processing	Koji MURATA, Yutaka SAWADA	2.5 2.5	Apr-Sep Oct-Mar	
BG11	Laboratory Course in Fibrous Biomaterials	Masahisa WADA, Kayoko KOBAYASHI	2.5 2.5	Apr-Sep Oct-Mar	
BG12	Laboratory Course in Tree Cell Biology	Arata YOSHINAGA, Tatsuya AWANO	2.5 2.5	Apr-Sep Oct-Mar	
BG13	Laboratory Course of Composite Materials Chemistry	Hiroshi KAMITAKAHARA, Kazuki SUGIMURA	2.5 2.5	Apr-Sep Oct-Mar	
BG14	Laboratory Course in Biomaterials Chemistry	Toshiyuki TAKANO, Yoshikuni TERAMOTO, Bing XIE	2.5 2.5	Apr-Sep Oct-Mar	
BG15	Laboratory Course in Forest Biochemistry	Yoichi HONDA, Moriyuki KAWAUCHI, Takehito NAKAZAWA	2.5 2.5	Apr-Sep Oct-Mar	◎
BG16	Laboratory Course in Forest Information	Ryunosuke TATENO, Kazuya KOBAYASHI Nao SAKANOE, Asami NAKANISHI, Shunsuke MATSUOKA, Yoriko SUGIYAMA	2.5 2.5	Apr-Sep Oct-Mar	
BG17	Practical Course in Silviculture	Naoko TOKUCHI, Hisashi HASEGAWA, Takeshi ISE Masae ISHIIHARA, Hanami SUZUKI, Manqing ZHANG	2.5 2.5	Apr-Sep Oct-Mar	
BG18	Laboratory Course in Bio-based Materials	Shinsuke IFUKU, Masaaki AKAMATSU, Soichi TANAKA	2.5 2.5	Apr-Sep Oct-Mar	◎
BG19	Laboratory Course in Sustainable Materials	Kenji UMEMURA, Shuoye CHEN	2.5 2.5	Apr-Sep Oct-Mar	
BG20	Experimental Course for Sciences for Innovative Humano-habitability	Wakako OHMURA, Yoshiyuki YANASE, Toshimitsu HATA	2.5 2.5	Apr-Sep Oct-Mar	◎
BG21	Laboratory Course of Material Biology	Tomoya IMAI, Suyako TAZURU, Kei'ichi BABA	2.5 2.5	Apr-Sep Oct-Mar	
BG22	Experimental Course for Timber Science & Engineering	Hiroshi ISODA, Takafumi NAKAGAWA, Ai TOMITA	2.5 2.5	Apr-Sep Oct-Mar	
BZ02	Internship in wood structure	Hiroshi ISODA, Takafumi NAKAGAWA, Ai TOMITA	4	Year-long	
BZ00	Master's Thesis				

#### Requirements by Division of Forest and Biomaterials Science

- 1) Earn at least 30 credits including 8 credits by seminars and 10 credits by laboratory works given by your laboratory.
- 2) In order to take other laboratories' seminars or special laboratory works, get permission from your supervisor and the instructor.
- 3) In order to take other divisions' courses and earn credits, get permission from your division's office at the time of registration.
- 4) 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 Laboratory Works of your own laboratory.
- 5) Subjects with "★&★ marks" are held every 2 years alternately.  
Subjects with "★ marks" are held in this academic year and those with "★ marks" in the next academic year.
- 6) Subjects with "◎ marks" may be given in English when any of international students wish to attend.
- 7) Subjects with "▲ marks" consist of 8 lectures.
- 8) Those who wish to advance to the doctoral program will be assessed upon completion of the master's program.
- 9) 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.