

## Division of Forest and Biomaterials Science

No.	Title	Instructor	Credits	Semester	Notes
BA44	Forest Resources and Society 1	Mamoru KANZAKI, Daisuke NAITO	1	Apr-Sep (intensive)	▲☆◎
BA45	Forest Resources and Society 2	Koji MATSUSHITA	1	Apr-Sep (intensive)	▲☆
BA46	Forest Resources and Society 3	Mamoru KANZAKI, Daisuke NAITO	1	Apr-Sep (intensive)	▲★◎
BA47	Forest Resources and Society 4	Koji MATSUSHITA	1	Apr-Sep (intensive)	▲★
BA48	Tropical Forest Environments 1	Kaoru KITAJIMA	1	Apr-Sep (intensive)	▲☆◎
BA49	Tropical Forest Environments 2	Yusuke ONODA, KAINER Karen Ann.	1	Oct-Mar	▲☆◎
BD02	Tropical Forest Environments 3	Kaoru KITAJIMA	1	Apr-Sep (intensive)	▲★◎
BD03	Tropical Forest Environments 4	Yusuke ONODA	1	Oct-Mar (intensive)	▲★◎
BA05	Forest Utilization I		2	Apr-Sep	★◎
BA06	Forest Utilization II	Naoki OKADA	2	Oct-Mar	☆◎
BA50	Forest Biology 1	Yuji ISAGI	1	Apr-Sep (intensive)	▲
BA51	Forest Biology 2	Atsushi TAKAYANAGI	1	Oct-Mar	▲
BA09	Landscape Planning and Design	Shozo SHIBATA	2	Oct-Mar	★
BA10	Landscape Planning and Management	Katsue FUKAMACHI	2	Apr-Sep	☆
BA11	Theory of Erosion Control	Ken'ichiro KOSUGI, Kana NAKATANI	2	Oct-Mar	★◎
BA12	Control of Natural Hazards in Watersheds	Ken'ichiro KOSUGI	2	Apr-Sep	☆
BA52	Biomaterials Design 1	Koji MURATA	1	Apr-Sep (intensive)	▲☆
BA53	Biomaterials Design 2	Masashi NAKAMURA	1	Oct-Mar (intensive)	▲☆
BA54	Biomaterials Design 3	Koji MURATA	1	Apr-Sep	▲★
BA55	Biomaterials Design 4	Masashi NAKAMURA	1	Oct-Mar (intensive)	▲★
BA56	Wood Processing 1	Yoshihisa FUJII	1	Apr-Sep (intensive)	▲☆
BA57	Wood Processing 2	Yoshiyuki YANASE	1	Oct-Mar	▲☆
BA58	Wood Processing 3	Yoshihisa FUJII	1	Apr-Sep (intensive)	▲★
BA59	Wood Processing 4	Yoshiyuki YANASE	1	Oct-Mar (intensive)	▲★
BA79	Fibrous Biomaterials I	Masahisa WADA	1	Oct-Mar (intensive)	▲ ◎
BA80	Fibrous Biomaterials II	Not offered this year	1	Oct-Mar	▲ ◎
BA60	Tree Cell Biology 1	Junji SUGIYAMA	1	Apr-Sep	▲
BA61	Tree Cell Biology 2	Arata YOSHINAGA	1	Oct-Mar	▲
BA96	Chemistry of Composite Materials I	Hiroshi KAMITAKAHARA	1	Apr-Sep (intensive)	▲
BA97	Chemistry of Composite Materials II	Mariko YOSHIOKA	1	Apr-Sep	▲
BA62	Biomaterials Chemistry 1	Toshiyuki TAKANO	1	Apr-Sep (intensive)	▲
BA63	Biomaterials Chemistry 2	Yoshikuni TERAMOTO	1	Oct-Mar (intensive)	▲
BA13	Forest Information Sciences I	Tadashi NAKASHIMA, Undecided	2	Oct-Mar	★
BA14	Forest Information Sciences II	Ryunosuke TATENO, Kazuya KOBAYASHI	2	Oct-Mar (intensive)	☆
BA15	Silviculture I	Naoko TOKUCHI, Hisashi HASEGAWA	2	Oct-Mar	★
BA16	Silviculture II	Takeshi ISE, Masae ISHIHARA	2	Oct-Mar	☆
BA81	Wood Structure and Information Science I	Undecided	1	Oct-Mar (intensive)	▲
BA82	Wood Structure and Information Science II	Tomoya IMAI, Suyako TAZURU	1	Apr-Sep (intensive)	▲
BA66	Bio-based Materials Physics	Hiroyuki YANO, Kentaro ABE, Soichi TANAKA	2	Apr-Sep (intensive)	
BA67	Sustainable Materials	Kenji UMEMURA, Miyuki MATSUO	2	Apr-Sep (intensive)	

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BA68	Sciences for Innovative Humano-habitability	Tsuyoshi YOSHIMURA, Toshimitsu HATA	2	Apr-Sep (intensive)	◎
BA89	Timber Science & Engineering I	Hiroshi ISODA, Takafumi NAKAGAWA	2	Apr-Sep (intensive)	★
BA90	Timber Science & Engineering II	Hiroshi ISODA, Takafumi NAKAGAWA	2	Apr-Sep (intensive)	☆
BA69	Forest Science I	Kaoru KITAJIMA, Mamoru KANZAKI, Shozo SHIBATA, Yuji ISAGI, Atsushi TAKAYANAGI, Michimasa YAMASAKI	2	Apr-Sep	◎
BD01	Instrumental Analytical Science	Division of Forest and Biomaterials Science Teaching Staff	2	Oct-Mar	
BA71	Advanced Lecture in Forest Science I	Hiroshi NAKATA	1	Oct-Mar (intensive)	
BA72	Advanced Lecture in Forest Science II	Keiji NAKAJIMA	1	Apr-Sep (intensive)	
BA73	Advanced Lecture in Forest Science III	Takuya KAJIMOTO	1	Oct-Mar (intensive)	
BA74	Advanced Lecture in Forest Science IV	Mariko YAMASAKI	1	Apr-Sep (intensive)	
BA75	Advanced Lecture in Forest Science V	Kou YASUE	1	Apr-Sep (intensive)	
BA76	Advanced Lecture in Forest Science VI	Takashi ENDOU	1	Apr-Sep (intensive)	
BA77	Advanced Lecture in Forest Science VII	Toru MITSUNAGA	1	Apr-Sep (intensive)	
BA78	Advanced Lecture in Forest Science VIII	Not offered this year	1		
BA83	Advanced Lecture in Forest Science IX	Not offered this year	1		
BA84	Advanced Lecture in Forest Science X	Not offered this year	1		
BA85	Advanced Lecture in Forest Science XI	Not offered this year	1		
BA86	Advanced Lecture in Forest Science XII	Not offered this year	1		
BA87	Advanced Lecture in Forest Science XIII	Not offered this year	1		
BA88	Advanced Lecture in Forest Science XIV	Not offered this year	1		
BB20	Seminar in Forest Resources and Society 1	Mamoru KANZAKI, Koji MATSUSHITA, Daisuke NAITO	4	Year-long	◎
BB21	Seminar in Forest Resources and Society 2	Mamoru KANZAKI, Koji MATSUSHITA, Daisuke NAITO	4	Year-long	◎
BB22	Seminar in Tropical Forest Environments 1	Kaoru KITAJIMA, Yusuke ONODA, Takayuki KANEKO	4	Year-long	◎
BB23	Seminar in Tropical Forest Environments 2	Kaoru KITAJIMA, Yusuke ONODA, Takayuki KANEKO	4	Year-long	◎
BB24	Seminar in Forest Utilization 1	Naoki OKADA, Masako DANNOURA	4	Year-long	◎
BB25	Seminar in Forest Utilization 2	Naoki OKADA, Masako DANNOURA	4	Year-long	◎
BB26	Seminar in Forest Biology 1	Yuji ISAGI, Atsushi TAKAYANAGI, Michimasa YAMASAKI	4	Year-long	
BB27	Seminar in Forest Biology 2	Yuji ISAGI, Atsushi TAKAYANAGI, Michimasa YAMASAKI	4	Year-long	
BB28	Seminar in Landscape Architecture 1	Shozo SHIBATA, Katsue FUKAMACHI, Ryo NUKINA	4	Year-long	
BB29	Seminar in Landscape Architecture 2	Shozo SHIBATA, Katsue FUKAMACHI, Ryo NUKINA	4	Year-long	
BB30	Seminar in Erosion Control 1	Ken'ichiro KOSUGI, Kana NAKATANI, Naoya MASAOKA	4	Year-long	
BB31	Seminar in Erosion Control 2	Ken'ichiro KOSUGI, Kana NAKATANI, Naoya MASAOKA	4	Year-long	
BB32	Seminar in Biomaterials Design 1	Masashi NAKAMURA, Koji MURATA	4	Year-long	
BB33	Seminar in Biomaterials Design 2	Masashi NAKAMURA, Koji MURATA	4	Year-long	
BB34	Seminar in Wood Processing 1	Yoshihisa FUJII, Yoshiyuki YANASE, Yutaka SAWADA	4	Year-long	
BB35	Seminar in Wood Processing 2	Yoshihisa FUJII, Yoshiyuki YANASE, Yutaka SAWADA	4	Year-long	
BB36	Seminar in Fibrous Biomaterials 1	Masahisa WADA, Ryosuke KUSUMI, Kayoko KOBAYASHI	4	Year-long	
BB37	Seminar in Fibrous Biomaterials 2	Masahisa WADA, Ryosuke KUSUMI, Kayoko KOBAYASHI	4	Year-long	
BB38	Seminar on Tree Cell Biology 1	Junji SUGIYAMA, Arata YOSHINAGA, Tatsuya AWANO	4	Year-long	
BB39	Seminar on Tree Cell Biology 2	Junji SUGIYAMA, Arata YOSHINAGA, Tatsuya AWANO	4	Year-long	
BB40	Seminar of Composite Materials Chemistry 1	Hiroshi KAMITAKAHARA, Mariko YOSHIOKA, Kazuki SUGIMURA	4	Year-long	
BB41	Seminar of Composite Materials Chemistry 2	Hiroshi KAMITAKAHARA, Mariko YOSHIOKA, Kazuki SUGIMURA	4	Year-long	
BB42	Seminar in Biomaterials Chemistry 1	Toshiyuki TAKANO, Yoshikuni TERAMOTO	4	Year-long	
BB43	Seminar in Biomaterials Chemistry 2	Toshiyuki TAKANO, Yoshikuni TERAMOTO	4	Year-long	
BB44	Seminar in Forest Information 1	Ryunosuke TATENO, undecided, Tadashi NAKASHIMA, Kazuya KOBAYASHI, Nao SAKANOUÉ, Asami NAKANISHI	4	Year-long	
BB45	Seminar in Forest Information 2	Ryunosuke TATENO, undecided, Tadashi NAKASHIMA, Kazuya KOBAYASHI, Nao SAKANOUÉ, Asami NAKANISHI	4	Year-long	

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BB46	Seminar in Silviculture 1	Naoko TOKUCHI, Hisashi HASEGAWA, Takeshi ISE Masae ISHIHARA,Daisuke AKAISHI	4	Year-long	
BB47	Seminar in Silviculture 2	Naoko TOKUCHI, Hisashi HASEGAWA, Takeshi ISE Masae ISHIHARA,Daisuke AKAISHI	4	Year-long	
BB50	Seminar in Bio-based Material Science 1	Hiroyuki YANO, Kentaro ABE, Soichi TANAKA	4	Year-long	◎
BB51	Seminar in Bio-based Material Science 2	Hiroyuki YANO, Kentaro ABE, Soichi TANAKA	4	Year-long	◎
BB52	Seminar in Sustainable Materials 1	Kenji UMEMURA, Miyuki MATSUO	4	Year-long	
BB53	Seminar in Sustainable Materials 2	Kenji UMEMURA, Miyuki MATSUO	4	Year-long	
BB54	Seminar on Sciences for Innovative Humano-habitability 1	Tsuyoshi YOSHIMURA, Toshimitsu HATA	4	Year-long	◎
BB55	Seminar on Sciences for Innovative Humano-habitability 2	Tsuyoshi YOSHIMURA, Toshimitsu HATA	4	Year-long	◎
BB58	Seminar in Wood Structure and Information Science 1	Tomoya IMAI, Kei'ichi BABA, Suyako TAZURU	4	Year-long	
BB59	Seminar in Wood Structure and Information Science 2	Tomoya IMAI, Kei'ichi BABA, Suyako TAZURU	4	Year-long	
BB60	Seminar on Timber Science & Engineering1	Hiroshi ISODA, Takafumi NAKAGAWA	4	Year-long	
BB61	Seminar on Timber Science & Engineering2	Hiroshi ISODA, Takafumi NAKAGAWA	4	Year-long	
BC20	Laboratory Course in Forest Resources and Society 1	Mamoru KANZAKI, Koji MATSUSHITA, Daisuke NAITO	5	Year-long	◎
BC21	Laboratory Course in Forest Resources and Society 2	Mamoru KANZAKI, Koji MATSUSHITA, Daisuke NAITO	5	Year-long	◎
BC22	Practice in Tropical Forest Environments 1	Kaoru KITAJIMA, Yusuke ONODA, Takayuki KANEKO	5	Year-long	◎
BC23	Practice in Tropical Forest Environments 2	Kaoru KITAJIMA, Yusuke ONODA, Takayuki KANEKO	5	Year-long	◎
BC24	Laboratory Course in Forest Utilization 1	Naoki OKADA, Masako DANNOURA	5	Year-long	◎
BC25	Laboratory Course in Forest Utilization 2	Naoki OKADA, Masako DANNOURA	5	Year-long	◎
BC26	Laboratory Course in Forest Biology 1	Yuji ISAGI, Atsushi TAKAYANAGI, Michimasa YAMASAKI	5	Year-long	
BC27	Laboratory Course in Forest Biology 2	Yuji ISAGI, Atsushi TAKAYANAGI, Michimasa YAMASAKI	5	Year-long	
BC28	Laboratory Works in Landscape Architecture 1	Shozo SHIBATA, Katsue FUKAMACHI, Ryo NUKINA	5	Year-long	
BC29	Laboratory Works in Landscape Architecture 2	Shozo SHIBATA, Katsue FUKAMACHI, Ryo NUKINA	5	Year-long	
BC30	Laboratory Works in Erosion Control 1	Ken'ichiro KOSUGI, Kana NAKATANI, Naoya MASAOKA	5	Year-long	
BC31	Laboratory Works in Erosion Control 2	Ken'ichiro KOSUGI, Kana NAKATANI, Naoya MASAOKA	5	Year-long	
BC32	Laboratory Course in Biomaterials Design 1	Masashi NAKAMURA, Koji MURATA	5	Year-long	
BC33	Laboratory Course in Biomaterials Design 2	Masashi NAKAMURA, Koji MURATA	5	Year-long	
BC34	Laboratory Course in Wood Processing 1	Yoshihisa FUJII, Yoshiyuki YANASE, Yutaka SAWADA	5	Year-long	
BC35	Laboratory Course in Wood Processing 2	Yoshihisa FUJII, Yoshiyuki YANASE, Yutaka SAWADA	5	Year-long	
BC36	Laboratory Course in Fibrous Biomaterials 1	Masahisa WADA, Ryosuke KUSUMI,Kayoko KOBAYASHI	5	Year-long	
BC37	Laboratory Course in Fibrous Biomaterials 2	Masahisa WADA, Ryosuke KUSUMI,Kayoko KOBAYASHI	5	Year-long	
BC38	Laboratory Course in Tree Cell Biology 1	Junji SUGIYAMA,Arata YOSHINAGA, Tatsuya AWANO	5	Year-long	
BC39	Laboratory Course in Tree Cell Biology 2	Junji SUGIYAMA,Arata YOSHINAGA, Tatsuya AWANO	5	Year-long	
BC40	Laboratory Course of Composite Materials Chemistry 1	Hiroshi KAMITAKAHARA, Mariko YOSHIOKA, Kazuki SUGIMURA	5	Year-long	
BC41	Laboratory Course of Composite Materials Chemistry 2	Hiroshi KAMITAKAHARA, Mariko YOSHIOKA, Kazuki SUGIMURA	5	Year-long	
BC42	Laboratory Course in Biomaterials Chemistry 1	Toshiyuki TAKANO, Yoshikuni TERAMOTO	5	Year-long	
BC43	Laboratory Course in Biomaterials Chemistry 2	Toshiyuki TAKANO, Yoshikuni TERAMOTO	5	Year-long	
BC44	Laboratory Course in Forest Information 1	Ryunosuke TATENO, undecided,Tadashi NAKASHIMA, Kazuya KOBAYASHI, Nao SAKANOUÉ, Asami NAKANISHI	5	Year-long	
BC45	Laboratory Course in Forest Information 2	Ryunosuke TATENO, undecided,Tadashi NAKASHIMA, Kazuya KOBAYASHI, Nao SAKANOUÉ, Asami NAKANISHI	5	Year-long	
BC46	Practical Course in Silviculture 1	Naoko TOKUCHI, Hisashi HASEGAWA, Takeshi ISE Masae ISHIHARA,Daisuke AKAISHI	5	Year-long	
BC47	Practical Course in Silviculture 2	Naoko TOKUCHI, Hisashi HASEGAWA, Takeshi ISE Masae ISHIHARA,Daisuke AKAISHI	5	Year-long	
BC50	Laboratory Course in Bio-based Materials 1	Hiroyuki YANO, Kentaro ABE, Soichi TANAKA	5	Year-long	◎
BC51	Laboratory Course in Bio-based Materials 2	Hiroyuki YANO, Kentaro ABE, Soichi TANAKA	5	Year-long	◎
BC52	Laboratory Course in Sustainable Materials 1	Kenji UMEMURA, Miyuki MATSUO	5	Year-long	
BC53	Laboratory Course in Sustainable Materials 2	Kenji UMEMURA, Miyuki MATSUO	5	Year-long	

No.	Title	Instructor	Credits	Semester	Notes
BC54	Experimental Course for Sciences for Innovative Humano-habitability 1	Tsuyoshi YOSHIMURA, Toshimitsu HATA	5	Year-long	◎
BC55	Experimental Course for Sciences for Innovative Humano-habitability 2	Tsuyoshi YOSHIMURA, Toshimitsu HATA	5	Year-long	◎
BC58	Laboratory Course of Wood Structure and Information Science 1	Tomoya IMAI, Kei'ichi BABA, Suyako TAZURU	5	Year-long	
BC59	Laboratory Course of Wood Structure and Information Science 2	Tomoya IMAI, Kei'ichi BABA, Suyako TAZURU	5	Year-long	
BC60	Experimental Course for Timber Science & Engineering 1	Hiroshi ISODA, Takafumi NAKAGAWA	5	Year-long	
BC61	Experimental Course for Timber Science & Engineering 2	Hiroshi ISODA, Takafumi NAKAGAWA	5	Year-long	
BZ01	Internship	Instructors from Division of Forest and Biomaterials Science	1	Year-long	
BZ02	Internship in wood structure	Hiroshi ISODA, Takafumi NAKAGAWA	4	Year-long	
BZ01	Master's Thesis				

Requirements by Division of Forest and Biomaterials Science

- 1) Earn more than 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) One can obtain credits for a course of the same title only once even if it is taught by different instructors in different years.
- 5) Seminar and Laboratory Course titles with "1" are for the first year students and "2" are for the second year students.
- 6) 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.
- 7) Subjects with "◎ marks" may be given in English when any of international students wish to attend.
- 8) Subjects with "▲ marks" consist of 7 lectures.