

**COLLEGE OF NATURAL RESOURCES**  
**Bachelor of Science in Wood Science and Forest Products**  
for students graduating in 2008  
**Forest Products Marketing and Management option**

Fall Semester				Spring Semester			
Freshman Year							
Biol	1105	Principles of Biology (CA4)	3	Wood	1234	Intro. to WS&FP	2
Biol	1115	Principles of Biology Lab (CA4)	1	Chem	1036	General Chemistry	3
Chem	1035	General Chemistry (CA4)	3	Engl	1106	Freshman English (CA1)	3
Chem	1045	General Chemistry Lab (CA4)	1	Math	2015	Elem. Calculus w/Trig II <sup>b</sup> (CA5)	3
Engl	1105	Freshman English (CA1)	3	Core Area 2 Elective:			3
Math	1016	Elem. Calculus w/Trig I <sup>a</sup> (CA5)	3	Free Elective:			3
NR	1114	Intro. To Natural Resources	2				
			16				17

Sophomore Year							
For	2314	Forest Biology and Dendrology	2	Wood	2614	Forest Products Marketing	3
For	2324	Dendro Lab	1	Wood	2554	Wood Materials Science & Tech.	2
Wood	2124	Wood Structure and Properties	3	Chem	2514	Survey of Organic Chem.	3
Stat	3005	Statistical Methods	3	Stat	3006	Statistical Methods	3
Wood	2784	World Forests & Forest Prod. (CA7)	3	Econ	2005	Principles of Economics (CA3)	3
Phys	2205	General Physics	3	Core Area 6 Elective:			1
			15	Free Elective:			3
							18

Junior Year							
Engl	3764	Technical Writing (WI) <sup>WI</sup>	3	Wood	3434	Wood Chem., Products, & Processes	3
Wood	3315	Mechanical Prop. of Wood I	3	Wood	3544	Secondary Wood Prod. Manuf.	3
Wood	3534	Lumber Mfr & Drying	3	ISE	2014	Engineering Economy	2
Mgt	3304	Management Theory and Leadership Practice	3	Wood	3316	Mechanical Prop. of Wood II	3
Option Elective*:			3	Option Elective*:			3
				Core Area 2 Elective:			3
			15				17

Senior Year							
Wood	4154	Computer Application Systems in Forest Products	3	Wood	4714	Wood Performance in Construction	3
Wood	4445	Wood Adhesion & Composites	3	Wood	4446	Wood Adhesion & Composites	3
Wood	4624	Wood Industry Production Operations Management	3	Free Elective:			3
Wood	4634	Forest Products Business Mgmt	3	Option Elective*:			3
Option Elective*:			3	Option Elective*:			3
			15				15

Minimum Total Credit Hours for Graduation = 128 (includes at least 15 credit hours of option electives and 6 credit hours of free electives)

\*Students must select option electives from the attached list. Consult your advisor. Plan ahead, recognizing that some option elective courses are not offered every semester.

<sup>a</sup> Assumes completion of college algebra, functions, exponentials, and logarithms, matrices, sequences, and series in high school. If not, must also take Math 1015 for background.

<sup>b</sup> Must take Math 1016 before taking Math 2015.

<sup>WI</sup> Writing Intensive is a two course requirement and that in order for students to complete the WI requirement, they must complete ENGL 3764 and one other course which is approved by their advisor. Note that the Writing Intensive Core Curriculum requirement will be changed for students graduating 2009, adopting the department plan approved Feb 2005 to Implement the Discipline-Specific Spoken, Visual, and Written Communication Requirement in the Wood Science and Forest Products Major. Visit with your advisor about how this impacts the Writing Intensive (WI) requirement.

CA = core area, WI = Writing Intensive

THE FOLLOWING NOTATIONS ARE AN INTEGRAL PART OF THIS CHECKSHEET

**NOTES:**

1. **Satisfactory Progress**

By the end of the semester in which the student has attempted 60 hours (including transfer, advanced placement, advanced standing, and credit by examination), "satisfactory progress" towards a B.S. degree in the College of Natural Resources will include the following minimum criteria:

- \* Having a grade point average of at least 2.0
- \* Passing at least 24 semester credits that apply to the university core curriculum
- \* Passing the following courses, or their equivalents: Biol 1105 and 1115, Chem 1035 and 1036, and Math 2015

**Foreign Language Requirement:** A sequence of two (2) foreign language courses is required for graduation unless two (2) high school credits of the same foreign language or six (6) transfer credit hours of foreign language have been earned. These credits do not count toward graduation. See catalog section on "Graduation Requirements."

2. Students not familiar with computer use and basic word processing, spreadsheet and presentation software applications and internet use should acquire these skills. A variety of on-line resources also can be used to attain proficiency. Competencies in these skills will be expected in upper-level courses.

3. **Policy on Student Exchanges**

Studying overseas or at another U.S. university is a wonderful opportunity to enhance your education. However, planning for an exchange should begin at least 9 months prior to leaving. This will allow time to determine what substitutions, if any, will be allowed and time to arrange your schedule at Virginia Tech to ensure that all requirements for graduation are met. You must complete an Exchange Program checklist (available in 138 Cheatham Hall) and obtain the required signatures before beginning the exchange program.

4. Courses should be taken in the **sequence** shown to ensure that prerequisites are met.

5. In-major GPA computation

- \* Includes all courses designated as FiW, FOR, NR and WOOD. This must be at least 2.0.

6. **Overall GPA computation**

- \* The minimum overall GPA required for this degree is 2.0.

Forest Products Marketing and Management Option (15 credit hours)  
 within the B.S. in Wood Science and Forest Products  
 for students graduating in 2008

Students pursuing the Forest Products Marketing and Management option must take the following courses:

<b><u>Required Course</u></b>	<b><u>Title</u></b>	<b><u>Credits</u></b>	<b><u>Semester</u></b>
Econ 2006	Principles of Economics (CA3)	3	Fall/Junior
Mktg 3104	Marketing Management	3	Spring/Junior
Mktg 4704	International Marketing	3	Spring/Senior
Mktg 3604 OR	Professional Selling	3	Fall or Spring/Senior
Mktg 4554	Relationships Among Buyers and Sellers	3	Spring/Senior

In addition to the courses listed above, students must select one additional course in consultation with their advisor. Courses may be in marketing, management, accounting, management science, industrial engineering, or other.

**Please note:**

- Alternative courses may be substituted with the consent of the student's advisor and others (as dictated by current College of Natural Resources policy).