College of Liberal Arts and Human Sciences

Department of Science and Technology in Society
Bachelor of Arts – Humanities, Science, and Environment (HSE) Major
For students graduating in calendar year 2012

Final Checksheet approved by the CLAHS Undergraduate Curriculum Committee on __________

UNIVERSITY CURRICULUM FOR LIBERAL EDUCATION*:

I. Writing and Discourse
   ENGL 1105-1106 Freshman English
   3 +3 +

II. Ideas, Cultural Traditions, and Values
   (This curriculum requirement will be met by required courses in major)

III. Society and Human Behavior
    (This curriculum requirement will be met by required courses in major)

IV. Scientific Reasoning and Discovery
    (This curriculum requirement will be met by required courses in major)

Area 4 Waiver – During the summer of 2003, the Provost approved utilization
of a waiver of the two credit hours of related laboratory courses for Area Four
for students entering Fall 2003 and beyond. This waiver is in effect for this major.
This waiver does not reduce the minimum number of hours required for this degree.

V. Quantitative and Symbolic Reasoning
   (Select any two approved University Liberal Education Curriculum Courses)
   3 +3 +

VI. Creativity and Aesthetic Experience – 3 Credits
   (Select from approved University Liberal Education Curriculum Courses)
   The 3 required credits can be met with any combination of
   1, 2, or 3 credit approved courses.
   1-3 +
   1-3 +
   1-3 +

VII. Critical Issues in a Global Context
     (This curriculum requirement will be met by required courses in major)

*University Curriculum for Liberal Education Requirements: The University requires students to complete
course work from all seven areas of the Curriculum for Liberal Education. For areas 1, 5, and 6 you are free
to meet the requirements from your choice of university approved area courses; areas 2, 3, 4, and 7 will be
met by required courses for this major.

TOTAL UNIVERSITY LIBERAL EDUCATION REQUIREMENTS
(Not otherwise met by courses within major)
15 Credits
HUMANITIES, SCIENCE, AND ENVIRONMENT MAJOR

REQUIREMENTS

Department Requirements – Courses in Science and Technology in Society
STS 1504 Introduction to Humanities, Science, and Technology† (Area 2)
STS 2154 Humanities, Technology, and the Life Sciences† (Area 2)
STS 2984 Humanities, Science, and Environment†
STS 3105 Science and Technology in Modern Society† (Area 2)

Capstone Course for Majors
STS 4304 Contemporary Issues in Humanities, Science, and Technology†

Total STS Credits

Humanities (outside STS) – Required Courses: 5 out of the following 16
AHRM 2244 Food and Clothing: Cultural Traditions Conflicts and Possibilities** (Area 2)
ENGL 3534 Literature and Ecology** (Area 2)
FOR 2554 Nature and American Values (Area 2)
HIST 3144 American Environmental History
HIST 3234 The North American West
HIST 3734 History of Modern Biology
HUM/AINS 1104 Introduction to American Indian Studies
HUM/AINS 4004 Topics in American Indian Studies
HUM 3464 Appalachian Communities
REL 2464 Religion and Science
PHIL 1304 Morality and Justice (Area 2) or PHIL 2304 Global Ethics (Area 2)
PHIL 3314 Ethical Theory**
PHIL 4304 Topics in Social and Political Philosophy**
PHIL 4604 Philosophy of Biology**
UAP 4264 Environmental Ethics and Policy**

Total Humanities credits (outside STS)

Social Sciences – Required Courses: 4 out of the following 9
GEOG 1004 Introduction to Human Geography† (Area 3)
OR GEOG 1014 World Regions†
PSCI 1014 Introduction to United States Government and Politics† (Area 3)
OR PSCI 1004 Nations and Nationalities†
OR PSCI 1024 Introduction to Comparative Government and Politics† (Area 3)
PSCI 2054 Introduction to World Politics† (Areas 3 and 7)
PSCI 2064 Global Economy and World Politics† (Areas 3 and 7)
GEOG 2134 Geography of the Global Economy†
PSCI/UAP 3344 Global Environmental Issues**† (Area 7)

Total Social Science Foundation

Social Science Selections – Minimum of 12 hours from this list
At least 6 hours at 3000 level or above; minimum one 4000 level course
AHRM 4604 Housing, Energy, and the Environment (Area 7)
FIW 4464 Human Dimensions of Fisheries and Wildlife**
FOR 2784 World Forests and Forest Products** (Area 7)
FOR 4434 Forest Resource Policy**

Total Social Science Selections

15 Credits

15 Credits

12 Credits
FOR 3364 Survey of Forest Ecology and Management**
FOR 3524 Environmental Interpretation**
GEOG 4044 Biogeography
GEOS 1004 Physical Geology
GEOS 3014 Environmental Geology
NR 1114 Intro to Renewable Natural Resources
PHYS 2074 Highlights of Contemporary Physics
Total Natural Science Selections 12 Credits

Written, Oral, and Visual Communication – Required Courses
COMM 2004 Public Speaking 3+
One of the following writing courses:
ENGL 3764 Technical Writing 3
ENGL 3774 Business Writing 3
ENGL 4824 Science Writing** 3
Total Written, Oral, and Visual Communication 6 Credits

TOTAL FREE ELECTIVES 21 Credits

In consultation with your advisor, select appropriate courses to fulfill graduation requirements.

TOTAL CREDITS REQUIRED 120 Credits

**Prerequisites may apply – See your advisor. Note: All Biology 3000 and 4000 level courses have restricted capacity for non-majors
+ Indicates course is required.
† Indicates courses used to calculate in-major GPA.

Students should discuss the requirements for their major with their advisor prior to registering for classes each semester.

Students who did not successfully complete at least two years of a single foreign, classical, or sign language during high school must successfully complete six semester hours of a single foreign, classical, or sign language at the college level. Courses taken to meet this requirement do not count toward the hours required for graduation. Please consult the Undergraduate Catalog for details. For ViEWS requirement see STS department guidelines.

MINIMUM GRADE POINT AVERAGE
In-major minimum must be a GPA of 2.0. In order to graduate from Virginia Tech a student must have a minimum overall GPA of 2.0.

STS SATISFACTORY PROGRESS POLICY
In addition to the satisfactory progress toward a degree policy required by the University, satisfactory progress toward a B.A. in STS requires that upon having attempted 72 semester hours (including transfer, AP, advanced standing, and credit by exam) an STS student must have: Completed at least 6 credits toward this major with a 2.0 overall GPA and have a minimum of a 2.0 in-major GPA. In-major courses include all STS courses and foundation courses for social sciences and natural sciences.