



# University Bulletin

## Undergraduate Degree Programs

### Science

*Altoona College (2SCAL)*

*University College (2SCCC): Penn State Beaver, Penn State DuBois, Penn State Fayette, Penn State Greater Allegheny, Penn State New Kensington, Penn State Shenango*

The Science major is designed primarily to provide for the basic educational needs of students who want to pursue professional programs in various scientific or medical fields. The program provides a fundamental group of science courses of value to those who seek positions in government or industry where such knowledge is necessary or desirable. The program offers sufficient flexibility to meet diverse academic and career goals.

Graduates of the of the program may qualify for admission to the baccalaureate degrees in science. Students planning on continuing in baccalaureate degrees are encouraged to work closely with their advisers.

For the Associate in Science degree in Science, a minimum of 67 credits is required.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 21 credits

(15 of these 21 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**REQUIREMENTS FOR THE MAJOR:** 61 credits

(This includes 15 credits of General Education courses: 3 credits of GN courses; 3 credits of GQ courses; 3 credits of GWS courses; 3 credits of GH courses; 3 credits of GQ, GWS, GH, or GN courses.)

**PRESCRIBED COURSES** (14 credits)

BIOL 110 GN(4) [\[1\]\(#mnote01\)](#), CAS 100 GWS(3) [\[1\]\(#mnote01\)](#) [\(#mnote01\)](#), CHEM 110 GN(3) [\[1\]\(#mnote01\)](#), CHEM 111 GN(1) [\[1\]\(#mnote01\)](#) ENGL 015 GWS(3) [\[1\]\(#mnote01\)](#) [\(#mnote01\)](#) (Sem: 1-4)

**ADDITIONAL COURSES** (22-27 credits)

*(Note: PHYS 250 and PHYS 251 and MATH 140 are recommended for students planning to continue in baccalaureate programs of science.)*

Select 4-6 credits from MATH 022 GQ(3), MATH 026 GQ(3), or MATH 040 GQ(5), or MATH 140 GQ(4) (Sem: 1-2)

Select 3-4 credits from STAT 200 GQ(4), STAT 220(3), STAT 250 GQ(3) (Sem: 1-4)

Select 3 credits from PHIL 002 GH(3), PHIL 103 GH(3), PHIL 103W GH(3), PHIL 110 GH(3), PHIL 118 GH(3), PHIL 221 GH(3) (Sem: 1-4)

Select 3 credits from CMPSC 100(3), MIS 103(3), CMPSC 101 GQ(3) (Sem: 1-4)

Select 6-8 credits from PHYS 150 GN(3) and PHYS 151 GN(3) or PHYS 250 GN(4) and PHYS 251 GN(4) (Sem: 2-4)

Select 3 credits from CHEM 112 GN(3), CHEM 202(3) (Sem: 2-4)

**SUPPORTING COURSES AND RELATED AREAS** (20-25 credits)

Select 20-25 credits from approved departmental list of BIOLOGICAL/MATH/PHYSICAL

SCIENCES (Sem: 1-4)

**[1]** A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

Last Revised by the Department: Fall Semester 2002

Blue Sheet Item #: 30-03-074

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UCA Revision #1: 8/14/06

UC/AL/CL

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The University reserves the right to change the requirements and regulations listed here and to determine whether a student has satisfactorily met its requirements for admission or graduation, and to reject any applicant for any reason the University determines to be material to the applicant's qualifications to pursue higher education. Nothing in this material should be considered a guarantee that completion of a program and graduation from the University will result in employment.

The University Faculty Senate has responsibility for and authority over all academic information contained in the Undergraduate Bulletin.