


College of Science and Health



Dean: Dr. Venkat Sharma
Associate Dean: Dr. Melkamu Zeleke

The mission of the College of Science and Health is threefold:

- To provide students with a sound foundation in mathematics, science, and the application of this knowledge, which will prepare them either to enter their chosen profession or pursue advanced studies.
 - To provide students with advanced knowledge and experience in their field of specialization which will allow them to move to the forefront of their profession.
 - To reach out to the community and provide services that fulfill the needs of the general population.
- 

College of Science and Health

Academic Departments

- ▶ Biology
Chair: Dr. Mike Peek
peekm@wpunj.edu
- ▶ Chemistry
Chair: Dr. Bhanu Chauhan
chauhanpb@wpunj.edu
- ▶ Computer Science
Chair: Dr. John Najarian
najarianj@wpunj.edu
- ▶ Environmental Science
Chair: Dr. Nikki Davi
davin@wpunj.edu
- ▶ Mathematical Sciences
Chair: Dr. Paul von Dohlen
vondohlenp@wpunj.edu
- ▶ Communication Disorders
Chair: Dr. Jim Tsiamtsiouris
tsiamtsiourisj@wpunj.edu
- ▶ Kinesiology
Chair: Dr. Kathy Gill
gillk@wpunj.edu
- ▶ Nursing
Chair: Dr. Leo Jurado
juradol@wpunj.edu
- ▶ Public Health
Chair: Dr. Corey Basch
baschc@wpunj.edu

Natural Sciences

Health Sciences

College of Science and Health

Majors

- ▶ Actuarial Science (B.S.)
- ▶ Accelerated 3 + 2 BS SMED / MS AT
- ▶ Biology (B.S.) , Biotechnology (B.S.)
- ▶ Chemistry (B.A., B.S.) , Med Chemistry (B.S.)
- ▶ Communication Disorders (B.S.)
- ▶ Information Technology (B.S.)
- ▶ Computer Science (B.S.)
- ▶ Earth Science (B.A.)
- ▶ Environmental Science (B.S.)
- ▶ Environmental Sustainability (B.S.)
- ▶ Exercise Science (B.A.)
- ▶ Health Studies (B.S.)
- ▶ Mathematics (B.A., B.S.), Acce. 4+1 BS/MS
- ▶ Nursing (B.S.)
- ▶ Physical Education (B.S.)
- ▶ Public Health (B.S.)
- ▶ Sports Management (B.A.)

▶ Liberal Studies: Integrated Math and Science (B.A.)

Departments

Mathematics
Kinesiology
Biology
Chemistry
CODS
Computer Science
Computer Science
ENV Science
ENV Science
ENV Science
Kinesiology
Public Health
Mathematics
Nursing
Kinesiology
Public Health
Kinesiology

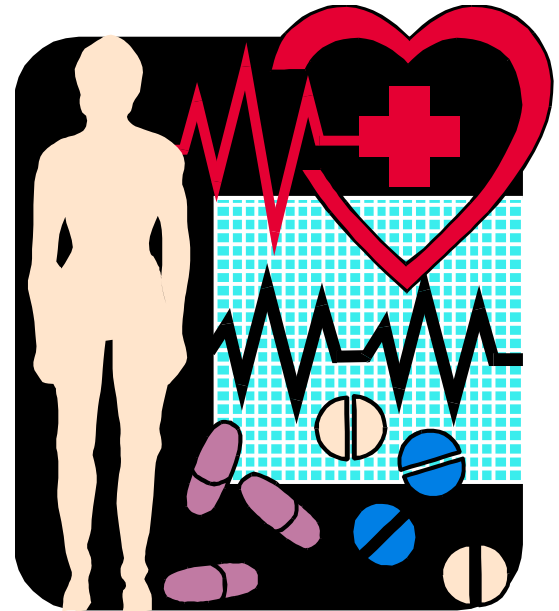
Pre-professional Programs

- ▶ Pre-medical
- ▶ Pre-dental
- ▶ Pre-veterinary
- ▶ Pre-physical therapy
- ▶ Pre-physician assistant

Advisor: Dr. Michael Peek

peekm@wpunj.edu

973-720-2247



Degree Requirements and Courses

- ▶ You need to complete 120 credits to get a B.A. or B.S. degree from William Paterson University.
- ▶ Four kinds of courses:
 - University Core Curriculum (UCC) courses
 - ❖ 40 – 41 credits
 - ❖ Selected from Six Areas
 - Foreign language requirement (0 – 6 credits)
 - Major courses (number of credits varies by major)
 - Free elective courses (courses you need to take to get to the required 120 credits).

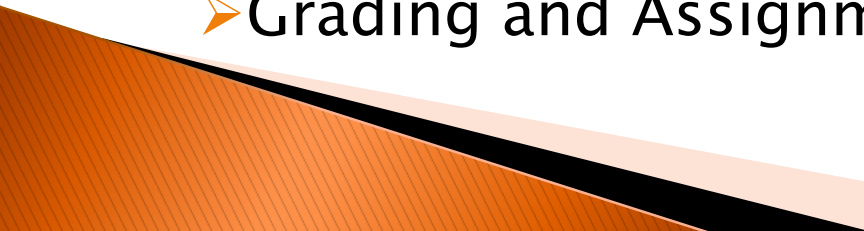
Minors offered by COSH (18 – 21 credits)

- ▶ Biology
- ▶ Chemistry
- ▶ Communication Disorders
- ▶ Environmental Science
- ▶ Physics
- ▶ Mathematics
- ▶ Statistics
- ▶ Computer Science
- ▶ Public Health
- ▶ Sports Management




Understand the Course Syllabus

The syllabus is a **contract** detailing:

- Contact information (always use WPU email)
 - Office hours
 - Content & Goals
 - Student Learning Outcomes & Expectations
 - Required texts
 - Grading and Assignment policies, etc.
- 

Policies to Pay Attention to in the Course Syllabus:

- ▶ Attendance and lateness
 - ▶ Submission of assignments
 - Policy on accepting late work
 - Disability accommodations (contact ARC)
 - Guidelines on submission process (electronic, print, etc.)
 - Use of BlackBoard (<http://bb.wpunj.edu>)
 - ▶ Cellphones or other electronic devices
 - ▶ Make-up work
- 

Advice for Students New to WP!

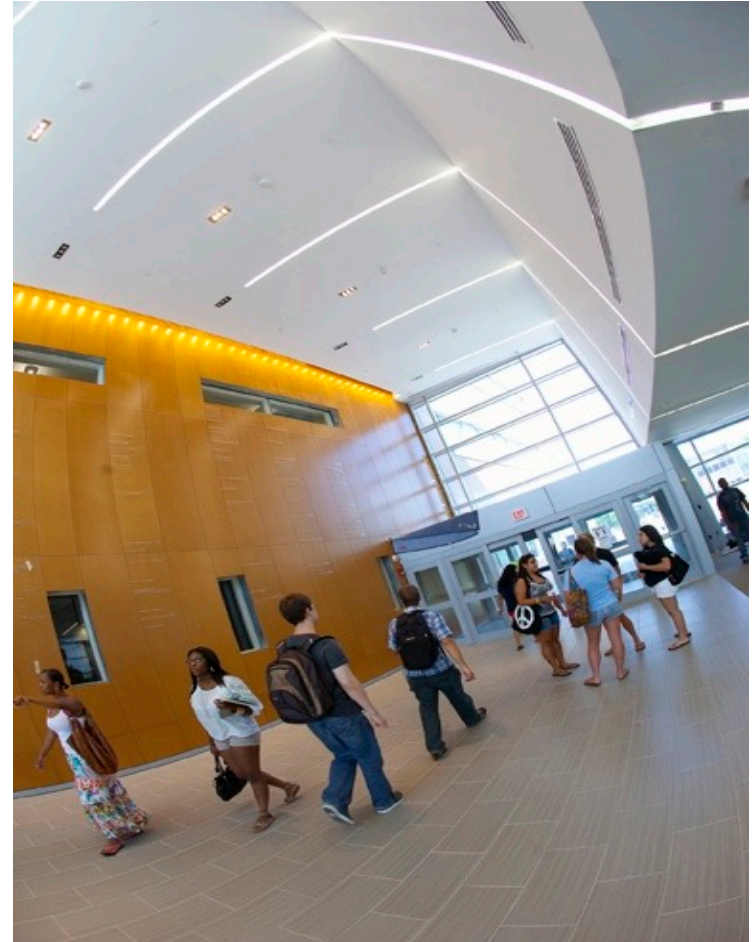
In the Classroom:

- ▶ Preparation
- ▶ Attendance
- ▶ Attentiveness, courtesy
- ▶ Participation, asking questions
- ▶ Taking accurate notes



Outside of Class:

- ▶ Reading before class
- ▶ Studying for extended periods of time
- ▶ Studying in groups
- ▶ Completing assignments on time
- ▶ Seeking help from academic support centers
- ▶ Taking advantage of opportunities for undergraduate research



Get to Know Your Professors

- ▶ Faculty hold office hours every week and will meet by appointment at other times.
- ▶ Contact them using your William Paterson email account:
 - Ask additional questions or clarification.
 - Inform faculty if missing class.
- ▶ Learn about why they do what they do—mentors, role-models, etc.



Get to know your Peers

- Join Academic Clubs: Chemistry, Math, etc.
- Attend research presentations and workshops.





COSH Tutoring Centers:

- Science Enrichment Center (SEC)
- Math Learning Center (MLC),
- Computer Science Tutoring,
- Nursing Enrichment & Tutoring








WP Connect University Portal

Email
All university
communication


FERPA
Gives parents
access or deny
access to
student records





WP CONNECT


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David and Lorraine Cheng Library

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WP bring "Degree Works"

← → ↻ <https://degreeworks.wpunj.edu/IRISLink.cgi?SERVICE=LOGON&SCRIPT=SD2WORKS&PORTALSTUID=855483603> ☆ ⚙

Apps | Achieve Washboard | Julian Treasure: How | The skill of self confid | PSP Administrative B | Latin Phrases on Philo | Other bookmark

WP

Portal | FAQ | Help | Print | Log Out

Find Student ID: 855483603 | Name: Student, Test | Degree: BA | Major: History | Level: UG | Classification: Senior | Last Audit: 06/09/2016 | Last Refresh: Today at 3:51 am

Worksheets | Notes | GPA Calc

Worksheets | Format: Student View | View | Save as PDF | Process New | Class History

History | What If | Look Ahead

Legend

- ☒ Complete
- ☐ Complete except for classes in progress
- ☐ Contact Registrar
- ☐ Not Complete
- (TR) Transfer Class
- ☐ Any course number
- * Co/PreRequisite Required

Degree Works

Student View A0001Xgm as of 06/09/2016 at 16:23

Student	Student, Test	Program/Major	BA History	Overall GPA	2.100
ID	855483603	Concentration	No Concentration	Transfer Earned Hours	113
Student Email	student2@student.wpunj.edu	Minor	No Minor	Academic Standing	Good Standing
Advisor	Gundling, Thomas J	Class	Senior	Fin Aid Academic Status	No Status Reported
		Level	Undergraduate	Previous College	Passaic County Community Coll
Student Type	Continuing	College	Humanities & Soc Science	Graduation Status	Preliminary Checkout
Student Status	Active	Degree	Bachelor of Arts	Registration Holds	No Holds
Alternate PIN	Fall 2016: 000189	Student Attributes	No Attributes		
		Transcripts	Prior Transcripts		

Test Scores

Test Description	Score	Date
Fresh Foundation Reading	20	12-NOV-15

Early Alert

Course : Message
Not Reported

Degree Progress

Requirements 46%

Bachelor of Arts

Catalog Year: 2016-2017 Credits Required: 120
GPA: 2.100 Credits Applied: 113

<input type="checkbox"/> 120 Minimum Credit Requirement	Still Needed: You have completed or have in progress 113 credits - a minimum of 7 additional credits are required, as well as completion of all requirements in this degree audit.
<input type="checkbox"/> Last 30 Credits Must Be Completed at WPUNJ (Not Transferred)	Still Needed: The last 30 credits of this degree program must be taken at William Paterson University and may not be transferred.
<input checked="" type="checkbox"/> Minimum 2.0 Overall GPA Requirement	
<input checked="" type="checkbox"/> Graduation Application Received	
<input type="checkbox"/> Foundations Requirement	Still Needed: See Foundations Requirement section
Foundations score of 20 indicates that the student has completed foundations requirements	
<input type="checkbox"/> Pioneer First Year Success Seminar	Still Needed: 1 Class in WPU 1011
<input type="checkbox"/> University Core Curriculum Requirements	Still Needed: See University Core Curriculum section
<input type="checkbox"/> Writing and Technology Intensive Requirements	Still Needed: See Writing and Technology Intensive Requirements section
<input type="checkbox"/> World Language Requirements	Still Needed: See World Language Requirement section

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• Here you'll find all your student information: Student ID, Credits Earned, & GPA

•Curriculum Control Sheet: What Courses Should I Take?

ENVIRONMENTAL SCIENCE

College of Science and Health

Bachelor of Science; ENVIRONMENTAL SCIENCE

UCC REQUIREMENTS [40-41 credits]

AREA 1: PERSONAL WELLBEING [3]

_____ 3 cred.

AREA 2: EXPRESSION [9]

a. Arts/Communication

_____ COMM 1100 Communication in Action 3 cred.

b. Writing

_____ ENG 1100 College Writing 3 cred.

c. Literature

_____ 3 cred.

AREA 3: WAYS OF KNOWING [19-20]

a. Philosophical Perspectives

_____ 3 cred.

b. Historical Perspectives

_____ 3 cred.

c. Social/Behavioral Science (2 different disciplines)

_____ 3 cred.

_____ 3 cred.

d. Scientific Perspectives

_____ Bio 1630 General Biology I 4 cred.

e. Quantitative Thinking

_____ MATH 1600 Calculus I 4 cred.

AREA 4: DIVERSITY & JUSTICE [3]

- *Must complete 18 credits in UCC prior to taking Area 4*

_____ 3 cred.

AREA 5: CIVIC & COMMUNITY ENGAGEMENT [3]

- *MUST COMPLETE Area 4 before taking Areas 5&6*
_____ ENV 3010 Field Experience 3cred.

AREA 6: GLOBAL AWARENESS [3]

- *MUST COMPLETE Area 4 before taking Areas 5&6*
_____ ENV 3160 Global Climate Change 3cred.

FIRST YEAR SEMINAR [1.5]

- *Required for 1st year students & transfers with less than 12 credits*

_____ 1.5 cred.

INTENSIVE REQUIREMENTS

These courses can be double counted within the UCC, the major, or as free electives. If you are a transfer with an AA/AS degree you must take one WI course and zero TI courses.

WRITING INTENSIVE (WI) *W

- *The first WI course must be Area 2 College Writing*
- *At least one course must be at the 300 or above level*

_____ ENG 1100 College Writing 3 cred.

_____ ENV 3800 Junior Seminar 3 cred.

_____ ENV 4800 Senior Practicum 3 cred.

_____ 3 cred.

TECHNOLOGY INTENSIVE (TI) *T

_____ ENV 3160 Global Climate Change 3 cred.

_____ 3 cred.

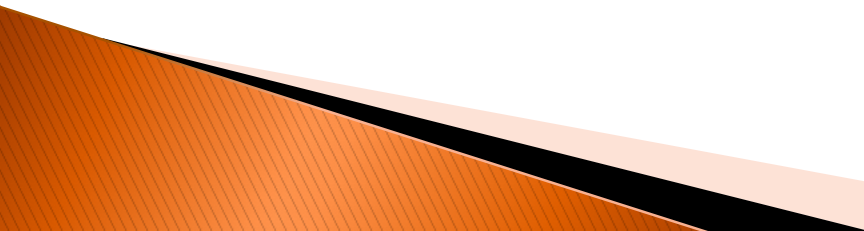
UNIVERSITY REQUIREMENTS

FOREIGN LANGUAGE [6]

_____ 3 cred.

_____ 3 cred.

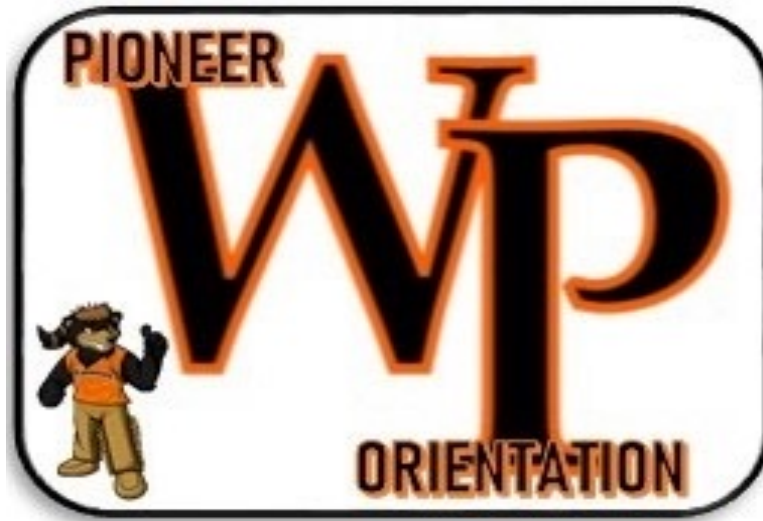
William Paterson University Transfer Policy

- ▶ If you have AA/AS degree from a Community College, you need to complete only one WI and Foreign Language requirement in addition to your major requirements.
 - ▶ Courses must be similar in scope, content, and academic rigor to courses offered at William Paterson University.
 - ▶ William Paterson University may require a review of the syllabus and textbook(s) used for the course.
 - ▶ Only college level courses completed with a grade of “C” or better based on 4.0 grade scale will be considered for transfer credit.
 - ▶ The last 30 credits for the baccalaureate degree must be taken at William Paterson University.
 - ▶ No more than half of the credits required for a major will be accepted as transfer credit.
 - ▶ Evaluated courses and the credit awarded for each course are listed on an official William Paterson University transcript.
- 

Academic Integrity

- ▶ Honesty and professionalism
- ▶ Academic Integrity Violations:
 - Cheating
 - Plagiarism {...*if you find it, you need to cite it...*}
 - Collusion
 - Lying
- Possible Penalties:
 - Resubmission of the assignment
 - Failure of the assignment
 - Failure of the course
 - Forced withdrawal from the course with no credit received
 - Recommendation of suspension or expulsion from the University

➤ We are very happy that you chose WP and the College of Science and Health.



➤ We are here to help and please don't hesitate to send an email to Associate Dean Zeleke if you have any question about the programs in the College of Science and Health. His email address is zelekem@wpunj.edu.