

If possible, prospective students are encouraged to tour the PJC campus and the TIJT division and/or request complete information and cost packet. You may schedule a tour or request an information packet by calling 903.782.0380 or 1.800.232.5804.

To receive a certificate in this program, a grade of “C” or better must be maintained in all courses.

CERTIFICATE IN GEMOLOGY (17 Credit Hours)

First Semester

PSYC 1100 or EDUC 1100	Learning Frameworks
HRGY 1313	Fundamental Gemology I
HRGY 1314	Fundamental Gemology II
HRGY 1350	Intermediate Gemology
HRGY 2331	Advanced Gemological Practices*
HRGY 1417	Applied Jewelry Practices

* **Capstone Experience:** Students will take a hands-on exam in a lab setting at the end of the semester.

See HOROLOGY for course descriptions.

Geology

Suggested Course of Study for University Transfer Students (68-71 Credit Hours)

Freshman Year	Sophomore Year
EDUC 1100 or PSYC 1100	CHEM 1411
ENGL 1301	CHEM 1412
ENGL 1302	GOVT 2305
GEOL 1403	GOVT 2306
GEOL 1404	Humanities (3 Credit Hours)
HIST 1301	(MATH 1316)*
HIST 1302	MATH 2413
(MATH 1314)*	MATH 2414
PHED 1134	PHYS 1401
PHED Activity (1 Credit Hour)	PHYS 1402
Social/Behavioral Science	Computer (3-4 Credit Hours)
(3 Credit Hours)	
SPCH 1315 or 1321	
Visual/Fine Arts (3 Credit Hours)	

*Students with two years of high school algebra and trigonometry may start with MATH 2413. **Note:** GEOL 1403 and GEOL 1404 is required to satisfy the core curriculum for the geology majors.

GEOL 1403 General Geology I (40.0601.51 03) 4.3.3

An introduction to the basic principles of geology and the processes that modify and shape the earth's surface features. Included will be a basic study of rocks and minerals, mineral resources, volcanism, weathering, erosion, and other practical aspects of geology. Fee charged. Core Curriculum satisfied for Natural Lab Sciences.

- GEOL 1404 General Geology II (40.0601.51 03)** 4.3.3
Summary of the development of the continents and ocean basins and the paleontological history of life on earth with emphasis on North America. Includes theories of the earth's origin, earthquakes, continental drift, sea-floor spreading and the Ice Ages. Fee charged. Prerequisite: GEOL 1403. Core Curriculum satisfied for Natural Lab Sciences.

German

- GERM 1411 Elementary German (16.0501.51 13)** 4.3.4
A study of pronunciation, the fundamental of grammar, and the formation of sentences. Emphasis is placed on the acquisition of basic reading, writing, conversational skills, and acquaintance with German culture in both class and laboratory periods. Fee charged.
- GERM 1412 Elementary German (16.0501.51 13)** 4.3.4
A continuation of GERM 1411. Fee charged. Prerequisite: GERM 1411 or equivalent.
- GERM 2311 Intermediate German (16.0501.52 13)** 3.3.2
Review of language fundamentals and conversation, with introduction to German literature and Central European culture. Fee charged. Prerequisite: GERM 1412 or consent of instructor. Core Curriculum satisfied for Humanities.
- GERM 2312 Intermediate German (16.0501.52 13)** 3.3.2
Continuation of GERM 2311 with some outside readings. Fee charged. Prerequisite: GERM 2311 or consent of instructor. Core Curriculum satisfied for Humanities.

Government

Suggested Course of Study for University Transfer Students (62-67 Credit Hours)

Freshman Year	Sophomore Year
PSYC 1100 or EDUC 1100 ENGL 1301 ENGL 1302 HIST 1301 HIST 1302 Lab Science (8 Credit Hours) MATH 1314 PHED 1134 Social/Behavioral Science (3 Credit Hours) SPCH 1315 or 1321	Elective (6 Credit Hours) Foreign Language (8 Credit Hours)* GOVT 2305 GOVT 2306 Humanities (3 Credit Hours) PHED Activity (1 Credit Hour) Visual/Fine Arts (3 Credit Hours) Computer (3-4 Credit Hours)

*Recommended for students who will pursue a university degree that requires a foreign language.