



Major/ Career Connections

The “I” Interest Cluster: “Investigative”

Matching Personalities with Majors/ Careers

Majors and careers can be clustered into 6 broad interest areas that correspond to 6 different personality types. Based on the research of Dr. John Holland, this clustering system provides a preliminary way to identify undergraduate majors and careers that might be a satisfying fit for you. **Because personality, majors, and careers are too complex to be described by a single interest theme, you will see that the lists below have a 3 letter code to more accurately describe majors and careers using a combination of related interests (in order of importance).** This “Investigative” sheet reflects the interest cluster that ranks the “I” theme first, but be sure to review the other 5 sheets to see if any of those themes (R,A,S,C,E) are more descriptive of your interests.

Am I Investigative?

Check off your interests, values, abilities, and qualities to find out.

Interests	Values	Talents & Abilities	Qualities
<input type="checkbox"/> Problem solving	<input type="checkbox"/> Science	<input type="checkbox"/> Math	<input type="checkbox"/> Intellectual
<input type="checkbox"/> Exploring, observing	<input type="checkbox"/> Technical expertise	<input type="checkbox"/> Science	<input type="checkbox"/> Analytical
<input type="checkbox"/> Reading, investigating	<input type="checkbox"/> Setting own pace	<input type="checkbox"/> Problem solving	<input type="checkbox"/> Inquisitive
<input type="checkbox"/> Using instruments	<input type="checkbox"/> Working alone	<input type="checkbox"/> Scientific method	<input type="checkbox"/> Introspective
<input type="checkbox"/> Designing things	<input type="checkbox"/> Thinking vs. doing	<input type="checkbox"/> Research	<input type="checkbox"/> Unconventional
<input type="checkbox"/> Science fiction, mysteries	<input type="checkbox"/> Creating	<input type="checkbox"/> Analysis	<input type="checkbox"/> Insightful

These are characteristics of the investigative type. Investigative people are intellectual, abstract, analytical, independent, and task-oriented. They like to observe, learn, investigate, analyze, evaluate, or solve problems. If this sounds like you, read on. If not, try one of the other five interest cluster sheets.

What Majors are Investigative?

Following is a small sample of majors an artistic person might choose:

Major (Interest Code)	School	Major (Interest Code)	School
Agricultural Sciences (IRS)	NA	Geography (IRE)	SCI
Anthropology (IRE)*	LIBA	Marketing Research (ISC)	BUS
Architectural Engineering Technology (IEA)	ET	Mathematics*	SCI
Biology (IRE)	SCI	Physics (IRE)	SCI
Chemistry (IRE)	SCI	Pre-medicine (IRS)	SCI
Computer Science (IRE)	SCI	Pre-pharmacy (IES)	SCI
Environmental Science (IRE)*	SPEA	Pre-veterinary (IRE)	SCI
Economics (IAS)*	LIBA	Public Health (IES)	SPEA
Geology (IRE)	SCI	Sociology (IES)*	LIBA

* Select a profile sheet for information on these majors. Majors in **bold** are not offered at IUPUI.

What Careers are Investigative?

Following is a small sample of careers an investigative person might choose:

Actuary (ISE)	Internal Auditor (ICR)
Airplane Pilot (IRE)	Marine Biologist (IRE)
Anthropologist (IRE)	Market Research Analyst (ISC)
Appraiser (IES)	Meteorologist (IRS)
Astronomer (IRE)	Microbiologist (ISC)
Biochemist (IRS)	Neurologist (IRS)
Biologist (ISR)	Nurse (ISR)
Chemist (IRE)	Pharmacist (IES)
Dentist (IRE)	Physician (ISC)
Educational Psychologist (IES)	Pollution Control Engineer (IER)
Electrical Engineer (IRE)	Project Engineer (IER)
Hazardous Waste Management Specialist (IRE)	Software Engineer (IRE)

Definitions of the above job titles can be found at www.doleta.gov/programs/onet. For additional investigative majors or careers consult your academic advisor or a career counselor.

How do I Select a Major/Career?

Selecting a major/career is a very involved process, requiring careful evaluation of yourself as well as academic and occupational information. No single questionnaire, assessment, or person can tell you what you should pursue. In order to make the best choices, it is important to consider your unique combination of interests, values, abilities, personality, and experiences. **Keep in mind that majors and careers can accommodate a wide range of interests; exact fit is not necessary for academic and career satisfaction.** The majors/careers above are suggested only as starting points for your exploration. Specific major/career decisions can be discussed in more detail with your academic advisor or career counselor. For more information on choosing a major you may also want to check out www.iupui.edu/~career1/studentsf.html.



Where Can I get More Information?



Assessing Academic/ Career Interests (Holland code with link to careers/ IUPUI courses)	testing.tc.iupui.edu/online/merkler (must use campus computer only)
Schools/Majors/ Degrees Offered at IUPUI	www.iupui.edu/academic/schooldegrees.htm
Course Requirements for each IUPUI Major	uc.iupui.edu/checksht/home.asp#A
Course Descriptions for all IUPUI Courses	bulletin.iupui.edu
“What I can do with a Major in...?”	www.uncwil.edu/stuaff/career/Majors/majors.htm www.utexas.edu/student/careercenter/career_ideas
Academic Advising at IUPUI	http://uc.iupui.edu/Aa/FAQ/Questions/Advising.asp
Career Counseling at IUPUI	www.iupui.edu/~career
Career Profiles (salary, outlook, educational requirements, etc)	http://stats.bls.gov/oco/home.htm http://www.icpac.indiana.edu/careers/career_profiles/