

One Hundred Nineteenth
Commencement Exercises

OFFICIAL

JUNE EXERCISES

THE UNIVERSITY OF NOTRE DAME
NOTRE DAME, INDIANA

THE GRADUATE SCHOOL
THE LAW SCHOOL
THE COLLEGE OF ARTS AND LETTERS
THE COLLEGE OF SCIENCE
THE COLLEGE OF ENGINEERING
THE COLLEGE OF BUSINESS ADMINISTRATION



On the University Mall
At 2:00 p.m. (Eastern Standard Time)
Sunday, June 7, 1964

PROGRAM

PROCESSIONAL

CITATIONS FOR HONORARY DEGREES

by the Reverend Chester A. Soleta, C.S.C.
Vice-President of Academic Affairs

THE CONFERRING OF HONORARY DEGREES

by the Reverend Theodore M. Hesburgh, C.S.C.
President of the University

PRESENTATION OF CANDIDATES FOR DEGREES

by the Reverend Paul E. Beichner, C.S.C.
Dean of the Graduate School

by Joseph O'Meara
Dean of the Law School

by the Reverend Charles E. Sheedy, C.S.C.
Dean of the College of Arts and Letters

by Frederick D. Rossini
Dean of the College of Science

by Norman R. Gay
Dean of the College of Engineering

by Thomas T. Murphy
Dean of the College of Business Administration

THE CONFERRING OF DEGREES

by the Reverend Theodore M. Hesburgh, C.S.C.
President of the University

PRESENTATION OF THE LAY FACULTY AWARD

PRESENTATION OF THE PROFESSOR THOMAS MADDEN FACULTY AWARD

COMMENCEMENT ADDRESS

by the Honorable Thomas C. Mann
Assistant Secretary of State
for Inter-American Affairs

THE BLESSING

by His Eminence Raul Cardinal Silva Henriquez
Archbishop of Santiago, Chile

Degrees Conferred

The University of Notre Dame announces the conferring of:
The Degree of Doctor of Laws, honoris causa, on:

His Eminence Raul Cardinal Silva Henriquez, Santiago, Chile
Most Reverend Miguel D. Miranda, Mexico, D. F., Mexico
Honorable Thomas C. Mann, Washington, D. C.
Dr. Rafael Caldera, Caracas, Venezuela
Honorable John E. Fogarty, Washington, D. C.
Mr. Timothy P. Galvin, Hammond, Indiana
Mr. John S. Gleason, Jr., Washington, D. C.
Honorable John J. McCloy, New York, New York
Dr. Charles Wagley, New York, New York

IN THE GRADUATE SCHOOL

The University of Notre Dame confers the following degrees
in course:

The Degree of Doctor of Mediaeval Studies on:

Peter Anthony Ford, Pawtucket, Rhode Island
A.B., Providence College, 1956; M.A. University of Notre Dame, 1958; M.S.M.,
ibid., 1959. Dissertation: The College of Burgundy at the Mediaeval Univer-
sity of Paris: History, Topography, and Chartulary.

The Degree of Doctor of Philosophy on:

Usman Mahmood Adhami, Aligarh, U.P., India
B.Sc., University of Lucknow (India), 1949; M.Sc., Aligarh Muslim Univer-
sity, 1951. Major subject: Biology. Dissertation: Genetic studies on yellow
larva in *Aedes aegypti* (Diptera: Culicidae).

†Madan Mohan Bhasin, New Delhi, India

B.S., University of Delhi, 1958. Major subject: Chemistry. Dissertation:
Infrared Spectra of Some Acetylenes Chemisorbed on Gamma Alumina
Aerogel.

Francis J. Biros, Wilkes-Barre, Pennsylvania

B.S., King's College (Pennsylvania), 1959. Major subject: Chemistry. Disser-
tation: Further Studies in the Rates of Acetylation of Substituted Cylo-
hexanols.

†Paul Bödy, Omaha, Nebraska

B.S., The Creighton University, 1955; M.A., University of Notre Dame, 1959.
Major subject: History. Dissertation: Baron Joseph Eötvös and the Recon-
struction of the Habsburg Monarchy, 1840-1867.

James William Bond, Battle Creek, Michigan

B.S.E.E. University of Notre Dame, 1958; M.S., ibid., 1960. Major subject:
Mathematics: Dissertation: The Structure of Lie Algebras with Large Minimal
Generating Set.

†John Harvey Bright, Wernersville, Pennsylvania

B.S., Albright College, 1958; M.S., University of Wisconsin, 1961. Major
subject: Chemistry. Dissertation: Preparation of Alkylbromoboranes and
Properties of Alkylhalogenboranes.

†Donald D. Carlos, Gary, Indiana

B.S., Indiana University, 1960. Major subject: Chemistry. Dissertation: Some
Reduction Products of 4-(Arylcyanomethylene) Benzequinone Oximes.

† Degrees conferred February 1, 1964.

- Robert Joseph Casey, E. Braintree, Massachusetts
B.S., Boston College, 1958; M.S., *ibid.*, 1960. Major subject: Physics. Dissertation: The Migration of Strontium on the (110) Plane of Tungsten by Pulsed Field Electron Microscopy.
- Rev. Patrick Edmund Cavanagh, London, Ontario, Canada
B.A., University of Western Ontario, 1946; M.A., University of Toronto, 1959. Major subject: Philosophy. Dissertation: The Doctrine of Assent of John Henry Newman.
- †Robert Lee Cook, Hollywood, Florida
B.S., University of Miami, 1958; M.A., *ibid.*, 1960. Major subject: Chemistry. Dissertation: The Theory of Centrifugal Distortion in Asymmetric Rotor Molecules.
- †William Rodney Coulson, LaJolla, California
A.B., Arizona State University, Tempe, 1955; M.A., University of Notre Dame, 1960. Major subject: Philosophy. Dissertation: Client-Centered Therapy and the Nature of Man.
- Sister Victor Dobyms, Sisters of Charity of Providence, Seattle, Washington
B.S., College of Great Falls, 1958. Major subject: Chemistry. Dissertation: Selected Topics in Microwave Spectroscopy.
- Sister Rose Margaret Dostal, Ursuline Nuns, Toledo, Ohio
A.B., Mary Manse College, 1946; M.A., University of Notre Dame, 1956. Major subject: English. Dissertation: Innocence and Knowledge in the Novels of Elizabeth Bowen.
- Joseph Anthony Durkin, Mishawaka, Indiana
B.S., King's College (Pennsylvania), 1952; M.S., Canisius College, 1960. Major subject: Chemistry. Dissertation: An Infrared Study of the Metal-Nitrogen Bond in Amino Acid Chelates.
- †David Michael Fahey, Albany, New York
B.A., St. Bernardine of Siena College, 1959; M.A., University of Notre Dame, 1961. Major subject: History. Dissertation: Historical Interpretations of the English Civil War, Particularly Since the Middle of the Eighteenth Century.
- †Rev. Cyprian Flanagan, Order of Friars Minor, Loudonville, New York
B.A., St. Bonaventure University, 1950; B.S., St. Bernardine of Siena College, 1956. Major subject: Chemistry. Dissertation: Determination of Molecular Structure and Nuclear Quadrupole Hyperfine Effects by Microwave Spectroscopy.
- Richard P. Francis, South Bend, Indiana
B.A., The Catholic University of America, 1952; M.A., University of Colorado, 1958. Major subject: Philosophy. Dissertation: The Doctrine of Natural Selection in John Dewey's Value Theory.
- Richard Giannone, Cedar Grove, New Jersey
B.A., The Catholic University of America, 1956; M.A., University of Michigan, 1957. Major subject: English. Dissertation: Music in Willa Cather's Fiction.
- Edward Joseph Gibbons, Philadelphia, Pennsylvania
B.S., LaSalle College, 1953; M.A., University of Notre Dame, 1958. Major subject: History. Dissertation: The Attitude of American Economists Toward the Labor Movement, 1919-1930.
- †Julian Ravenel Harrison III, Charleston, South Carolina
B.S., College of Charleston, 1956; A.M., Duke University, 1959. Major subject Biology. Dissertation: Variation in pygmy salamanders of the genus *Desmognathus* (Urodela: Plethodontidae).
- Bert Gerald Hornback, Bowling Green, Kentucky
B.A., University of Notre Dame, 1957; M.A., *ibid.*, 1961. Major subject: English. Dissertation: History, Time and Timelessness in the Novels of Thomas Hardy.
- Sister Marion Hosinski, Sisters of St. Mary, St. Louis, Missouri
B.S., St. Mary's College (Indiana), 1949; M.A., University of Notre Dame, 1954. Major subject: Education. Dissertation: Self, Ideal Self, and Occupational Role: Perceptual Congruence in Vocationally Committed College Women; A Cross-sectional Study of Self Perception, Self Aspiration, and Occupational Perception Among University Nursing Students.

- Sister Mary Rosanna Hughes, Dominican Sisters, Saint Catharine, Kentucky
 B.A., Nazareth College (Kentucky), 1958; M.S., University of Notre Dame, 1961. Major subject: Mathematics. Dissertation: An Application of the Domain of Action to the Mordell Cubic Norm-distance.
- †Sister Mary Ann Jude Jungbauer, Sisters of the Immaculate Heart of Mary, Los Angeles, California
 A.B., Immaculate Heart College, 1957; M.S., University of Notre Dame, 1961. Major subject: Chemistry. Dissertation: Divalent Metal Halide Complexes of Aniline and of N,N-dimethylformamide.
- Gerard Paul Lietz, Chicago, Illinois
 B.S., De Paul University, 1959. Major subject: Physics. Dissertation: The Polarization of the Neutrons from the $\text{Be}^9(\alpha, n)\text{C}^{12}$ Reaction.
- Sister Jane Marie Luecke, Benedictine Sisters, Tulsa, Oklahoma
 A.B., Benedictine Heights College, 1948; M.A., Marquette University, 1956. Major subject: English. Dissertation: Meter and the Free Rhythm of Beowulf.
- James A. MacMahon, Dayton, Ohio
 B.S., Michigan State University, 1960. Major subject: Biology. Dissertation: An eco-physiological study of the water relations of three species of the salamander genus *Plethodon*.
- †Donald Louis Malaker, Marengo, Illinois
 B.S., St. Procopius College, 1959. Major subject: Physics. Dissertation: Development of a Photon Monochromator and Nuclear Resonance Fluorescence from the 2.24 MeV State of S^{32} .
- Sister Mary Justin Markham, Sisters of Mercy, Hartford, Connecticut
 B.A., St. Joseph College (Connecticut), 1951; M.S., University of Notre Dame, 1960. Major subject: Mathematics. Dissertation: A Group-Theoretic Characterization of the Ordinary and Isotropic Euclidean Planes.
- George Michael Matous, Ennis, Texas
 B.S., St. Mary's University of San Antonio, 1958. Major subject: Physics. Dissertation: Isotopic Spin Selection Rule Violation in the $\text{Ne}^{20}(\text{d}, \alpha)\text{F}^{18}$ Reaction and Angular Distributions of $\text{O}^{18}(\text{He}^3, \text{p})\text{F}^{18}$ and $\text{Ne}^{20}(\text{d}, \alpha)\text{F}^{18}$.
- †Thomas Francis Moriarty, Holyoke, Massachusetts
 B.A., College of the Holy Cross, 1956; M.A., University of Notre Dame, 1958. Major subject: History. Dissertation: The Harcourt Viceroyalty in Ireland, 1772-1777.
- Rev. Laurence Thomas Murphy, Catholic Foreign Mission Society of the United States, Union, New Jersey
 B.S., United States Naval Academy, 1941; S.T.B., Maryknoll Seminary (New York), 1953; M.R.E., *ibid.*, 1954; M.A., University of Notre Dame, 1961. Major subject: Philosophy. Dissertation: The Role of Nature and Con-naturalness in Moral Philosophy According to St. Thomas Aquinas.
- Brother Richard Nelson, Brothers of the Christian Schools, New York City, New York
 B.A., The Catholic University of America, 1955. Major subject: Chemistry. Dissertation: Molecular Structure, Internal Rotation and Centrifugal Distortion Effects of Some Asymmetric Rotor Molecules.
- Paul Anthony Orr, Wheeling, West Virginia
 B.A., Loyola College (Montreal), 1947; M.A., McGill University, 1948. Major subject: English. Dissertation: The Artistic Principles of Gerard Manley Hopkins.
- †Charles R. Poinsette, South Bend, Indiana
 B.A., University of Notre Dame, 1947; M.A., *ibid.*, 1951. Major subject: History. Dissertation: Fort Wayne, Indiana, During the Canal Era, 1828-1855: A Study of a Western Community During the Middle Period of American History.
- Rev. Richard O. Poorman, C.S.C., Congregation of Holy Cross, Notre Dame, Indiana
 B.A., Gannon College, 1950; M.A., University of Notre Dame, 1960. Major subject: Education. Dissertation: An Analysis of the Relationship Between the Concept of Shared Decision-Making and the Vow of Obedience in Religious Institutes in Catholic Higher Education.

- Sister Ann Kathleen Prendergast, Sisters of Loretto, St. Louis, Missouri
 B.S., Loretto Heights College, 1946; M.S., St. Louis University, 1958. Major subject: Biology. Dissertation: On the Development of Local Lesion Symptoms with Tobacco Ringspot Virus.
- Chester Theodore Raymo, South Bend, Indiana
 B.S.E.E., University of Notre Dame, 1958; M.S., University of California, 1960. Major subject: Physics. Dissertation: Optical Investigation of Molybdenum Films.
- †Sister Grace Frances Rossi, Maryknoll Sisters of St. Dominic, Inc., Maryknoll, New York
 B.S., University of Oklahoma, 1950; M.S., University of Notre Dame, 1961. Major subject: Chemistry. Dissertation: The Kinetics of the Thermal Isomerization of Alpha-branched Trialkylboranes.
- James D. Rozics, Buffalo, New York
 B.S., Canisius College, 1959. Major subject: Physics. Dissertation: Bremsstrahlung from Polarized Electrons.
- †Donald Edward Scherpereel, South Bend, Indiana
 B.S., University of Notre Dame, 1959; M.S., *ibid.*, 1961. Major subject: Metallurgical Engineering and Materials Science. Dissertation: The Interaction of Dislocations and Ferromagnetic Domain Walls.
- Walter Alfred Schier, Lombard, Illinois
 B.S., St. Procopius College, 1959. Major subject: Physics. Dissertation: Isotopic Spin Selection Rule Violation in $N^{14}(d, \alpha)C^{12}$ and Angular Distributions and Spectra from $N^{14}(d, \alpha)C^{12}$ and $N^{14}(d, 2\alpha)Be^8(2.90)$.
- †Francis Joseph Schima, Brookfield, Illinois
 B.S., St. Procopius College, 1957. Major subject: Physics. Dissertation: The Decay of At^{210} to Po^{210} and Several Model Calculations.
- Sister Cor Mariae Schuler, Religious of the Sacred Heart of Mary, New York City, New York
 B.A., Marymount College (New York), 1952; M.A., Marquette University, 1961. Major subject: English. Dissertation: The House of Peter Taylor: Vision and Structure.
- Basil Joseph Skelly, Plymouth, Pennsylvania
 B.S., King's College (Pennsylvania), 1957; M.S., Duquesne University, 1959. Major subject: Biology. Dissertation: Effect of Components of the Intestinal Flora Upon Cecal Size of Gnotobiotic Mice.
- James Francis Slifker, Baltimore, Maryland
 B.S., Loyola College (Maryland), 1959. Major subject: Mathematics. Dissertation: Exotic Multiplications on S^2 .
- †Sister Mary Petrus Sullivan, Religious Sisters of Mercy, Rochester, New York
 B.A., Nazareth College (New York), 1954; M.A., University of Notre Dame, 1961. Major subject: English. Dissertation: The Descriptive Style of Joseph Conrad.
- †Bruce Palmer Thill, Lancaster, New York
 B.S., Canisius College, 1959. Major subject: Chemistry. Dissertation: The Stereochemistry of Reduction of Acyclic Ketones and the Conformational Equilibrium of the Sulphydryl Function.
- †Samuel Francisco Trevino, San Antonio, Texas
 B.S., St. Mary's of San Antonio, 1958. Major subject: Physics. Dissertation: Polarization of the Neutrons from the $Be^9(\alpha, n)C^{12*}$ Reaction.
- Robert S. Turley, South Bend, Indiana
 B.A., Mount Angel Seminary, 1959; M.A., University of Notre Dame, 1961. Major subject: Philosophy. Dissertation: Determinism in Freudian Psychoanalytic Theory.
- Sister M. Rosalie Urzendowski, Poor Sisters of St. Francis of Perpetual Adoration, Colorado Springs, Colorado
 B.S., The Creighton University, 1958; M.S., *ibid.*, 1960. Major subject: Chemistry. Dissertation: Polarographic, Potentiometric and Calorimetric Studies in Aqueous Dioxane Media.

- †Robert Humbert Vasoli, South Bend, Indiana
 B.A., LaSalle College, 1952; M.A., University of Notre Dame, 1953. Major subject: Sociology. Dissertation: The Predictive Value of the Federal Presentence Investigation.
- Sister M. Jean Vianney Wallace, Congregation of the Sisters of the Holy Cross, Notre Dame, Indiana
 B.S., St. Mary's College (Indiana), 1957. Major subject: Biology. Dissertation: Detection of Ovulation in the Mouse by Fluorescence Microscopy of the Vaginal Smear.
- Donald Robert Weidman, Kansas City, Kansas
 B.S., Rockhurst College, 1958. Major subject: Mathematics. Dissertation: The Character Ring of a Finite Group.
- John Angus Weir, Charlottetown, Prince Edward Island, Canada
 B.Comm., St. Dunstan's College (Canada), 1953; M.B.A., The University of Western Ontario, 1955. Major subject: Economics. Dissertation: Rural Reconstruction in Prince Edward Island: An Evaluation.
- Sister Paula Marie Wilde, School Sisters of Notre Dame, Chicago, Illinois
 B.S., Mount Mary College, 1959; M.S., University of Notre Dame, 1961. Major subject: Mathematics. Dissertation: A Quaternary Relation as the Primitive Notion in Several Geometries.
- The Degree of Master of Arts on:*
- †William R. Aho, Mishawaka, Indiana
 B.S.Ed., State Teachers College (Fitchburg, Massachusetts), 1958. Major subject: Sociology.
- †William George Alexander, Cape Town, South Africa
 B.A., University of Cape Town, 1948; M.A., University of Allahabad (India), 1951. Major subject: History.
- Mrs. Elizabeth M. Anderson, Lakeville, Indiana
 B.S.H.E., West Virginia University, 1953. Major subject: Education.
- David Arthur Bickimer, Cleveland, Ohio
 A.B., St. Mary's Seminary College (Maryland), 1958. Major subject: Education.
- L/Col. Everett E. Blakely, South Bend, Indiana
 B.A., University of Washington, 1948. Major subject: Education.
- Kenneth John Bruder, New York, New York
 B.A., St. John's University (New York), 1962. Major subject: Philosophy.
- Donald John Bush, Phoenix, Arizona
 B.S.E.E., Arizona State College, Tempe, 1959. Major subject: Art.
- Ralph Michael Cardillo, Guelph, Ontario, Canada
 B.A., University of Ottawa, 1958. Major subject: Theology.
- Guido Remo Carmassi, Auburn, New York
 B.A., University of Notre Dame, 1962. Major subject: English.
- John Broderick Chomeau, South Bend, Indiana
 B.A., University of Notre Dame, 1956. Major subject: Government and International Studies.
- Axel Jean Cogels, Stockholm, Sweden
 B.A., University of Notre Dame, 1963. Major subject: Economics. Dissertation: The Role of the Rules of Competition with the Treaty of Rome.
- Thomas F. Condon, Portland, Oregon
 B.A., University of Portland, 1963. Major subject: Sociology.
- Brother Louis Cote, Brothers of Christian Instruction, Alfred, Maine
 B.A., La Mennais College, 1954. Major subject: Theology.
- †Sister M. Louis Richard Dion, Sisters of Saint Anne, Paxton, Massachusetts
 B.A., Anna Maria College, 1957. Major subject: Sociology.

- Rev. James Carroll Fahey, Congregation of Holy Cross, Notre Dame,
Indiana
B.A., University of Notre Dame, 1952. Major subject: Sociology.
- James K. Flanagan, Jersey City, New Jersey
B.S., Seton Hall University, 1962. Major subject: English.
- †Gabriel Joseph Gomes, Tarrytown, New York
B.A., University of Notre Dame, 1962. Major subject: Philosophy. Dissertation: The Origin and the Nature of the Intelligible Species in Intellectual Knowledge According to St. Thomas Aquinas.
- Sister M. Joseph Adele Halbach, Our Lady of Victory Missionary
Sisters, Huntington, Indiana
B.A., Clarke College, 1953. Major subject: English.
- †John Edward Healey, Golden Valley, Minnesota
B.A., St. Mary's College (Minnesota), 1959. Major subject: English.
- Vincent L. Heinrichs, Dyersville, Iowa
B.A., Loras College, 1959. Major subject: English.
- Rev. Lawrence Joseph Henry, Congregation of Holy Cross, Chicago,
Illinois
B.A., University of Notre Dame, 1958. Major subject: English.
- Patrick Coughlin Herriges, Madison, Minnesota
B.A., St. John's University (Minnesota), 1961; M.A., Purdue University, 1963.
Major subject: Theology.
- Sister Marguerite Wilfrid Kenny, Sisters of St. Joseph of Carondelet,
Albany, New York
B.A., College of St. Rose, 1958. Major subject: English.
- John James Kern, Parkersburg, West Virginia
B.A., Wheeling College, 1961. Major subject: Sociology.
- †Rev. James Edward Kiley, Society of Mary, Harper Woods, Michigan
B.A., St. Bernard's Seminary and College, 1946. Major subject: Education.
- Kenneth Ching Sun Kim, Junior, Honolulu, Hawaii
A.B., Georgetown University, 1962. Major subject: Government and International Studies.
- Rev. Joseph Julius Lengermann, Congregation of Holy Cross,
Notre Dame, Indiana
S.T.B., Pontificia Universita Gregoriana, 1960; S.T.L., *ibid.*, 1962. Major
subject: Sociology.
- Cosimo Anthony Lipari, Patterson, Louisiana
B.A., Notre Dame Seminary, 1961. Major subject: Education.
- †David Roger Luisi, Rockland, Massachusetts
A.B., Stonehill College, 1962. Major subject: English.
- George Arthur Martin, St. Paul, Minnesota
B.A., St. Mary's College (Minnesota), 1961. Major subject: Philosophy.
- Capt. Paul Francis Mitchell, Mishawaka, Indiana
B.A., University of Cincinnati, 1953. Major subject: Education.
- Colonel William Joseph Mullen, South Bend, Indiana
B.S., United States Military Academy, 1934. Major subject: History.
- Charles Stephen Neerland, Minneapolis, Minnesota
B.A., College of St. Thomas (Minnesota), 1962. Major subject: English.
- Sister Kathleen Dolores O'Brien, Congregation of the Sisters of the
Holy Cross, Nashville, Tennessee
B.A., St. Mary's College (Indiana), 1957. Major subject: Art.
- Frank Peter Orlando, Brooklyn, New York
B.A., St. Peter's College, 1962. Major subject: History.
- Robert Anthony Policastro, Greensburg, Pennsylvania
B.A., University of Notre Dame, 1962. Major subject: Economics.

- †Sister Arthur Marie Quinn, Congregation of the Sisters of the Holy Cross, Notre Dame, Indiana
B.A., St. Mary's College (Indiana), 1961. Major subject: History.
- Sid Shannon Refett, LaPorte, Indiana
B.A., Ball State Teachers College, 1957. Major subject: English.
- Cleo Hassan Rial, Wau, Sudan
B.S., Xavier University (Ohio), 1958. Major subject: Government and International Studies.
- Rev. Edward Lawrence Richardson, Brigantine, New Jersey
S.T.L., The Catholic University of America, 1950. Major subject: Philosophy.
- Rev. Paul Arthur Roy, Missionaries of Our Lady of La Salette, Fitchburg, Massachusetts
S.T.B., Angelicum Pontifical University, 1957; S.T.L., *ibid.*, 1959. Major subject: English.
- Father Anthony John Salzbrunn, Canons Regular of the Order of the Holy Cross, Syracuse, Indiana
Ordained, Immaculate Conception Monastery, Hastings, Nebraska, 1952. Major subject: History.
- †Rev. Carl Hersch Satre, Syracuse, Indiana
A.B., Carthage College, 1956; B.D., Wittenberg College, 1959. Major subject: Theology.
- Martin J. Shannon, Chicago, Illinois
B.A., St. Joseph's College (Indiana), 1962. Major subject: Economics.
- Ryland A. Taylor, Jr., West Chicago, Illinois
B.A., DePaul University, 1962. Major subject: Economics. Dissertation: Some Welfare Aspects of a Market Socialist and Market Syndicalist Model.
- Rev. John J. Vincent, Canons Regular of the Order of the Holy Cross, Syracuse, Indiana
Ordained, Crosier House of Studies, Fort Wayne, Indiana, 1958. Major subject: Classics.
- †Richard Francis Wheeler, Whitinsville, Massachusetts
B.A., Providence College, 1962. Major subject: Economics.
- Garland Dale Williams, South Bend, Indiana
B.S., Ball State Teachers College, 1959. Major subject: Education.
- Albert K. Wimmer, Munich, Germany
University of Munich, 1958-1961. Major subject: Government and International Studies. Dissertation: "Libido Dominandi": A Study in St. Augustine's *De Civitate Dei*.
- The Degree of Master of Mediaeval Studies on:*
- Jules Alfred St. Pierre, Indian Orchard, Massachusetts
B.A., Assumption College, 1959. Dissertation: William of Auxerre: an Introduction and Orientation.
- The Degree of Master of Fine Arts on:*
- John Albert Day, East St. Louis, Illinois
A.B., St. Benedict's College (Kansas), 1962.
- Robert Kirschling, De Perc, Wisconsin
B.S., St. Norbert College, 1962.
- Theodore Kalanikoa Lum, Honolulu, Hawaii
B.F.A., University of Notre Dame, 1956.
- Patrick Joseph Saxe, Elmira, New York
B.F.A., University of Notre Dame, 1962.
- The Degree of Master of Music on:*
- †Ronald Joseph Caviani, Iron Mountain, Michigan
B.M.E., Northern Michigan College, 1962. Dissertation: *Mateo Falcone*, an Opera in One Act. Libretto: Richard Schrader. Music: Ronald Caviani.

The Degree of Master of Science on:

- †Ali Atia Abdulla, Baghdad, Iraq
B.S., University of Baghdad, 1961. Major subject: Physics.
- Tarik Sultan Al-Bassam, Baghdad, Iraq
B.S., University of Baghdad, 1961. Major subject: Physics.
- Fawzi Jalal Al-Hamzawi, Baghdad, Iraq
B.S., University of Baghdad, 1961. Major subject: Physics.
- Edward A. Anderson, Junior, Lebanon, Pennsylvania
B.S., Lebanon Valley College, 1958. Major subject: Mathematics.
- John Allen Berg, Porterfield, Wisconsin
B.A., Augsburg College, 1959. Major subject: Mathematics.
- Richard Armstrong Bracken, Elkhart, Indiana
A.B., Indiana University, 1960. Major subject: Mathematics.
- Sister Marie-de-Nazareth Caza, Congregation of Notre Dame,
Montreal, Canada
B.A., College Marguerite-Bourgeoys, 1955. Major subject: Mathematics.
- †Miss Helen Teresa Closser, Rochester, New York
B.A., Nazareth College (New York), 1959. Major subject: Mathematics.
- Sister Mary St. Lawrence Demanche, Maryknoll Sisters of St.
Dominic, Honolulu, Hawaii
B.S., College of Mount Saint Vincent, 1940. Major subject: Biology.
- Michael Caesar Gemignani, Rochester, New York
A.B., The University of Rochester, 1962. Major subject: Mathematics.
- David Allen Heim, Fremont, Nebraska
B.A., State Teachers College, Wayne, Nebraska, 1960. Major subject:
Mathematics.
- David James Hickman, Louisville, Kentucky
B.S., Morehouse College, 1961. Major subject: Mathematics.
- Robert Paul Johnson, San Diego, California
B.A., San Diego College for Men, 1962. Major subject: Mathematics.
- Richard Joseph Krajewski, Chicago, Illinois
B.S., Loyola University (Illinois), 1962. Major subject: Physics.
- †R. Allen Mansell, South Bend, Indiana
B.A., McMaster University (Canada), 1932. Major subject: Chemistry.
- George Smith Mattingly, Lebanon, Kentucky
B.A., Bellarmine College, 1960. Major subject: Chemistry. Dissertation: Some
Reduction Products of 4-(Arylcyanomethylene) benzequinone Oximes.
- Thomas Edward McCormick III, Baltimore, Maryland
B.S., Loyola College (Maryland), 1962. Major subject: Mathematics.
- Joe Adair McMillian, Deer Park, Texas
B.A., Rice Institute, 1953; M.E., University of Houston, 1959. Major subject:
Mathematics.
- Carl Armen Miller, Grants Pass, Oregon
B.S., Oregon State University, 1960. Major subject: Mathematics.
- Robert Joseph Parker, Bronx, New York
B.A., Marion College (New York), 1958. Major subject: Mathematics.
- Brother Donatus Joseph Roche, Brothers of Christian Schools,
Washington, D. C.
B.A., LaSalle College, 1959; M.A., *ibid.*, 1960. Major subject: Mathematics.
- Miss Margaret Edwina Scanlan, North Miami Beach, Florida
B.S., Barry College, 1961. Major subject: Mathematics.

- Sister Mary Kenneth Schefe, Sisters of Charity, Greensburg,
 Pennsylvania
 B.A., Seton Hill College, 1963. Major subject: Mathematics.
- Bernard A. Stukenborg, Plymouth, Indiana
 B.A., St. Joseph's College (Indiana), 1960. Major subject: Mathematics.
- James Walter Walker, Hermosa Beach, California
 B.S., Loyola University of Los Angeles, 1958; M.A., *ibid.*, 1960. Major subject:
 Mathematics.
- Marvin Russell Winzenread, Indianapolis, Indiana
 B.S., Purdue University, 1960. Major subject: Mathematics.

The Degree of Master of Science in Aeronautical Engineering on:

- John Michael Schnaubelt, La Grange Park, Illinois
 B.S.A.E., University of Notre Dame, 1962. Dissertation: Aircraft Performance
 Optimization.
- Marshall Wayne Thomas, Pensacola, Florida
 B.S.A.E., University of Notre Dame, 1963. Dissertation: An Investigation of
 the Second Shock Formed by a Double Angled Cone.

The Degree of Master of Science in Chemical Engineering on:

- †Chu-Jen Chia, Anhwei, China
 B.S., National Taiwan University, 1959. Dissertation: The Effect of Gas Inlet
 Velocity on Entrainment From a Fluidized Bed of Glass Spheres.
- †Edward A. McGee, Whiting, Indiana
 B.S.Ch.E., University of Notre Dame, 1959.
- Patrick Thomas Rigney, Dublin, Ireland
 B.E., University College, Dublin, 1962.

The Degree of Master of Science in Civil Engineering on:

- John Frederick Brinker, Evanston, Illinois
 B.S.C.E., University of Notre Dame, 1962. Dissertation: The Influence of
 Water Cement Ratio and Surface Active Agent on the Air Void System of Air-
 entrained Concrete.
- Vincent Paul Drnevich, E. McKeesport, Pennsylvania
 B.S.C.E., University of Notre Dame, 1962. Dissertation: The Direct Shear
 Test for Dynamic Soil Testing.
- Mark Lester Hermann, Greensburg, Indiana
 B.S.C.E., University of Notre Dame, 1963. Dissertation: The Effects of Ag-
 gregate as a Retention Mechanism of Air-entrained Concrete.
- Theodore Richard Kretschmer, Chicago, Illinois
 B.S.C.E., University of Notre Dame, 1962. Dissertation: An Experimental
 Study of Soil Response to Dynamic and Static Direct Shear.
- Anthony A. Napoli, Chicago Heights, Illinois
 B.S.C.E., University of Notre Dame, 1963. Dissertation: A Numerical Study
 Applied to Deep Beams.
- †John Anthony Shanahan, Wilmington, Delaware
 B.S.C.E., University of Notre Dame, 1962. Dissertation: A Finite Difference
 Solution of a Two Dimensional Elastic Continuum Subjected to Mixed Boundary
 Conditions.
- †Edgardo Jose Tenreiro Degwitz, Maracay, Edo Aragua, Venezuela
 Cert., Universidad Católica Andrés Bello, Caracas, 1957-1961. Dissertation:
 An Investigation of the Correction Factor for Kinetic Energy in Rivers.
- Julio Emilio Valera, New York City, New York
 B.S.C.E., University of Notre Dame, 1962. Dissertation: Approximate Method
 for the Determination of Stresses and Displacements in a Two-dimensional
 Viscoelastic Voigt Medium.

The Degree of Master of Science in Electrical Engineering on:

- William Henry Anderson, South Bend, Indiana
B.S.E.E., Carnegie Institute of Technology, 1955.
- James Arthur Burkhart, Lancaster, New York
B.S.E.E., University of Notre Dame, 1962.
- Peter Harry Dierks, Prairie Village, Kansas
B.S.E.E., University of Notre Dame, 1962.
- Joseph A. Gutowski, Linden, New Jersey
B.S.E.E., Newark College of Engineering, 1961.
- Thaddeus Milton Jones, South Bend, Indiana
B.S., Purdue University, 1961.
- Richard Otto Martin, Chicago, Illinois
B.S.E.E., Christian Brothers College, 1962.
- Charles Michael Morris, De Pere, Wisconsin
B.S.E.E., Rose Polytechnic Institute, 1948.
- †George E. Moulton, Osceola, Indiana
B.S.E.E., Northwestern University, 1950.
- †Jorge E. Petit, Viña de Mar, Chile
B.S.E.E., Catholic University of Valparaiso, 1961.
- Charles R. Schmitz, Wichita, Kansas
B.S.E.E., University of Wichita, 1962.
- Francois Arnold Venzo, Saint-Mandé, (Seine), France
Diplome Ingénieur, Ecole d'Electricité Industrielle de Paris, 1963.
- †Charles R. Wasaff, El Paso, Texas
B.S.E.E., University of Notre Dame, 1962.

The Degree of Master of Science in Engineering Science on:

- Roger William Snyder, Dayton, Ohio
B.S., University of Cincinnati, 1962. Dissertation: Rheoelectric Analog of Certain Free Streamline Flows.
- Richard Edward Trench, South Bend, Indiana
B.S.M.E., Georgia Institute of Technology, 1957.

The Degree of Master of Science in Mechanical Engineering on:

- †Richard Albert Bajura, Duquesne, Pennsylvania
B.S.M.E., University of Notre Dame, 1962.
- Ray Wilford Brown, Junior, Memphis, Tennessee
B.S.M.E., Christian Brothers College, 1962.
- Jack Edward Gregg, South Bend, Indiana
B.S., Michigan State College, 1950.
- †Michael Anthony Grolmes, Louisville, Kentucky
B.S.M.E., University of Notre Dame, 1962.
- Robert Edward Henry, Bluffton, Indiana
B.S.M.E., University of Notre Dame, 1962.
- Peter Joseph Kerney, Philadelphia, Pennsylvania
B.S.M.E., University of Notre Dame, 1962.
- Robert Joseph Lauer, South Bend, Indiana
B.S.E., University of Michigan, 1957.
- Ramchandra L. Patel, Bombay, India
B.S.M.E., Tri-State College, 1961.
- James William Phillips, South Bend, Indiana
B.S.M.E., Rose Polytechnic Institute, 1951.

†Paul Matthew Rock, Beaverdale, Pennsylvania
B.S.M.E., University of Pittsburgh, 1959

Gilbert T. Stout, South Bend, Indiana
B.S.Agrl.Engr., Purdue University, 1950.

*The Degree of Master of Science in Metallurgical Engineering and
Materials Science on:*

†Gary Wayne Henger, Johnstown, Pennsylvania
B.S., Pennsylvania State University, 1962. Dissertation: Phase Relations on the
System Lead Telluride-Antimony-Lead.

Syamal Kumar Lahiri, Belgharia, West Bengal, India
B.E.(Met.), Bengal Engineering College, 1961. Dissertation: Effect of Disloca-
tion — Domain Wall Interactions on Creep and Stress Relaxation of Ferro-
magnetic Materials.

THE LAW SCHOOL

The Degree of Bachelor of Laws on:

- J. Russell Bley, Jr., St. Louis, Missouri
A.B., St. Louis University, 1961
- James Edward Carroll, Concord, New Hampshire
A.B., Providence College, 1961
- Robert B. Cash, Cincinnati, Ohio
A.B., Xavier University, 1961
- Thomas Francis Conneely, Bradford, Pennsylvania
B.S., University of Notre Dame, 1961
- Harry Joseph Creager, St. Joseph, Michigan
A.B., St. Joseph College, 1961
- Ronald Peter Fakler, Provo, Utah
B.B.A., University of Notre Dame, 1963
- Robert Cummings Findlay, Washington, D.C.
B.B.A., University of Notre Dame, 1960
- William Michael Flaherty, Jr., Western Springs, Illinois
A.B., University of Notre Dame, 1963
- Robert Eugene Frost, Bellefontaine, Ohio
A.B., Dayton University, 1961
- Lawrence Joseph Gallick, East Aurora, New York
A.B., University of Notre Dame, 1961
- Glenn Stephen Hackett, Lewiston, New York
A.B., Niagara University, 1961
- Robert Michael Hanlon, Interlaken, New Jersey
A.B., University of Notre Dame, 1963
- John James Jiganti, Chicago, Illinois
A.B., University of Notre Dame, 1963
- Bernard Katz, South Bend, Indiana
B.S., Bradley University, 1957
- Thomas John Kern, Indianapolis, Indiana
A.B., University of Notre Dame, 1963
- Joseph Burkhard Killian, Akron, Ohio
A.B., University of Notre Dame, 1958
- Andrew John Kopko, Portage, Indiana
B.B.A., University of Notre Dame, 1961
- Eugene Leo Kramer, Barberton, Ohio
A.B., John Carroll University, 1961
- John Henry Leahy, Glencoe, Illinois
A.B., University of Notre Dame, 1959
- Charles Roy Macfarlane, Jr., San Antonio, Texas
B.S., University of Notre Dame, 1946
- Joseph Eugene McDonald, Louisville, Kentucky
A.B., University of Notre Dame, 1963
- James Peter Mercurio,* University City, Missouri
A.B., University of Notre Dame, 1963
- Michael John Messina, Kansas City, Missouri
B.B.A., University of Notre Dame, 1961
- Frank J. Miele, Belleville, New Jersey
B.S., Seton Hall University, 1961

- Eugene Milo Miller, South Lyon, Michigan
A.B., Eastern Michigan University, 1960
- Franklin Ames Morse, II, South Bend, Indiana
A.B., Williams College, 1957
- Joseph Patrick Mylotte, Philadelphia, Pennsylvania
A.B., La Salle College, 1961
- Charles Jeremiah O'Malley, Newton, Massachusetts
A.B., Boston College, 1960
- David Charles Petre, East Aurora, New York
B.S., University of Notre Dame, 1961
- Louis Philip Pfeiler, Holy Cross, Iowa
A.B., Loras College, 1961
- Michael Paul Pollard, Berrien Springs, Michigan
A.B., Emmanuel Missionary College, 1961
- John Marshall Rammel, Wilmette, Illinois
A.B., University of Notre Dame, 1963
- Michael Beecher Ryan, Buffalo, New York
B.S., Manhattan College, 1957
- Charles Philip Sacher, Miami, Florida
B.B.A., University of Notre Dame, 1961
- Zarko Sekcrez, Gary, Indiana
B.S.B.A., Indiana University, 1958
B.S.M.E., Purdue University, 1953
- James Michael Slater, Jamaica, New York
A.B., Iona College, 1961
- Hurley David Smith, Lansing, Michigan
A.B., University of Notre Dame, 1963
- Michael John Stepanek, Jr., La Porte, Indiana
B.S., University of Notre Dame, 1961
- Michael Peter Sullivan, Kalamazoo, Michigan
B.B.A., University of Notre Dame, 1963
- James Kay Sutherland, Jr., Flint, Michigan
A.B., State University of Iowa, 1961
- Charles Alexander Sweeney, Jr., South Bend, Indiana
B.S.B.A., University of Dayton, 1961
- Gerald George Vairo, Laurium, Michigan
A.B., University of Notre Dame, 1963
- Richard Balfe Wagner, Lafayette, Indiana
A.B., University of Notre Dame, 1961
- Harlan Patrick Weir, Dickinson, North Dakota
B.S., St. John's University, 1961
- Donald Eugene Wintrobe, South Bend, Indiana
B.S., Purdue University, 1961
- Ernest Steven Zavodnyik, Cleveland, Ohio
A.B., University of Notre Dame, 1961
- James Joseph Zmigrocki, Chicago, Illinois
A.B., University of Notre Dame, 1963
-

THE COLLEGE OF ARTS AND LETTERS

The Degree of Bachelor of Arts on:

Nicholas John Achille, Chicago, Illinois
Gerald John Adams,* Rockford, Illinois
Robert James Adler,* North Chicago, Illinois
Basil K. Ahakuelo, Honolulu, Hawaii
Michael William Albin, Gary, Indiana
Stephen Robert Aloii, II, Syracuse, New York
Robert Francis Amer, Rocky River, Ohio
James Andrew Anderson, Minneapolis, Minnesota
William Marquis Anderson, McAllen, Texas
George John Armbruster, Grosse Pointe Park, Michigan
Kenneth Allan Armour, Chicago, Illinois
Kenneth Jerome Arnold,** Belleville, Illinois
Gerald Anthony Aspito, Melrose Park, Illinois
David Harold Atkinson, York, Pennsylvania
†Harold Lynn Badders, Dayton, Ohio
Lyle Fredrick Baie, Rockford, Illinois
David Harrison Barlow, Needham, Massachusetts
Brian Joseph Barnes, Logansport, Indiana
John Edward Barry, Corning, New York
Leonard Anthony Basile, Jr., Albany, New York
Brian John Beck, Detroit, Michigan
George John Bednar, Shavertown, Pennsylvania
Thomas Quentin Benson, Grand Forks, North Dakota
Charles William Berberich, Port Washington, New York
Earl Arthur Berry, Oklahoma City, Oklahoma
Jerry Lee Berthold, Huntington, West Virginia
Joseph John Bielecki, Jr., Conshohocken, Pennsylvania
James Blunt Birmingham, Brockton, Massachusetts
Raymond Frank Bizjack, C.S.C., Notre Dame, Indiana
Thomas Francis Blackwell,* Grand Rapids, Michigan
Charles William Blanchard, Lyndhurst, Ohio
George Michael Boden, Wantagh, New York
Melvin William Boldt,* Glenview, Illinois
Landers Peter Bonenberger, Wheeling, West Virginia
James John Bove, Hicksville, New York
John Richard Bowe, Schenectady, New York
Edward Richard Boyer, C.S.C., Notre Dame, Indiana
Michael James Bradley, North Miami, Florida
Raymond Kenyon Bradt,** Fort Dodge, Iowa
Peter Frederick Braunecker, Atlanta, Georgia
George Omer Breault, Jr., North Providence, Rhode Island
Frank Walter Brennan, Oak Park, Illinois
†Timothy Robert Brennan, Freeport, Illinois
Louis Warren Brenner, Mapleton, Iowa
†Michael Edward Britt, Youngstown, Ohio
Peter Paul Broccoletti, Watchung, New Jersey
James Anthony Broderick,* Morton Grove, Illinois
Thomas Joseph Brown, Glen Ellyn, Illinois
Robert Joseph Bruce, Baltimore, Maryland
Clement Adam Burger, Jr.,* Lancaster, Pennsylvania
William Joseph Burns, Philadelphia, Pennsylvania
Thomas Robert Butler, Wauwatosa, Wisconsin

* Cum Laude

** Magna Cum Laude

*** Maxima Cum Laude

† Degree Conferred February 1, 1964

John Collins Cadle, Jr., Greenwich, Connecticut
 Peter Joseph Calamari, New Orleans, Louisiana
 George Marion Callahan, Hot Springs, Arkansas
 James Lawrence Patrick Callero, Morton Grove, Illinois
 Francis Joseph Carey, Westchester, Illinois
 Thomas Albin Carlson,** Muskegon, Michigan
 Charles Hudson Carmouche, Houston, Texas
 Robert Wren Carney, Mount Lebanon, Pennsylvania
 William Nilsson Carney, Dallas, Texas
 James Alexander Carr, Gary, Indiana
 Thomas Vincent Case, Wayland, New York
 Michael Dwyer Casper, Louisville, Kentucky
 †Thomas Joseph Cassidy, Jr., Park Ridge, Illinois
 Robert Albert Catone, Jacksonville, Florida
 John Gordon Chaplin, C.S.C., Notre Dame, Indiana
 William Moore Chapman, Jr., Allendale, New Jersey
 Paul Richard Charron, Louisville, Kentucky
 John Leonard Chester, Grosse Pointe, Michigan
 †Mark Anthony Chiro, Whitman, Massachusetts
 Edward Virgil Clark, Toledo, Ohio
 Timothy Mitchell Coakley, Wellesley Hills, Massachusetts
 James Michael Condon, Glenview, Illinois
 Michael Thomas Conklin, Grosse Pointe Park, Michigan
 David Patrick Connell, Short Hills, New Jersey
 Brian James Conway, Kansas City, Missouri
 James Francis Coogan, Melvindale, Michigan
 William Hamilton Cook, Jr., West Palm Beach, Florida
 Frank Michael Corrado, Chicago, Illinois
 Robert Francis Corrao, Garden City, New York
 Lawrence Melvin Costilow, Chester, Illinois
 Michael Patrick Coyle, Jr.,* Hackensack, New Jersey
 George Springer Craft, Jr.,*** Atlanta, Georgia
 Clyde Pratt Craine, Birmingham, Michigan
 Paul Gerard Creelan,** Cuyahoga Falls, Ohio
 Dennis Austin Cribben, Weston, Massachusetts
 James Patrick Crowley, Panama City, Florida
 †John Joseph Cullen, San Francisco, California
 John Barry Curtin, Bryn Mawr, Pennsylvania
 William Henry Cusick, Hyattsville, Maryland
 Denis Joseph Damaschino, Lafayette, California
 Richard Gregory D'Amico, Akron, Ohio
 John Edward Dansereau, Laconia, New Hampshire
 Patrick Ryan Darby, Tulsa, Oklahoma
 Alan Richard Davidson, New York, New York
 Louis Gene DeAgostino, Flint, Michigan
 Thomas Luke DeAngelis,** Tenafly, New Jersey
 Vincent William DeCoursey,* Prairie Village, Kansas
 Patrick John Deluhery,* Davenport, Iowa
 Gerald William DeMarco, Hillsdale, New Jersey
 Peter Lannen Dempsey, Woburn, Massachusetts
 Carl Francis Dennison, Dallas, Texas
 Joseph Deutsch, Oxnard, California
 James Patrick Devlin, Ho-Ho-Kus, New Jersey
 Joseph John DiBartolo, Bronx, New York
 Brian Dibble, Indianapolis, Indiana
 Michael Anthony DiCarlo, Clairton, Pennsylvania
 †Patrick Francis DiDomizio, Waterbury, Connecticut
 Michael Richard Dillon,* Wilmette, Illinois
 Thomas John Dingell, Detroit, Michigan

†James Edward Dixon, Dixon, Illinois
 Gerald Edward Dolan, Detroit, Michigan
 Thomas Ignatius Dolan, Philadelphia, Pennsylvania
 Michael George Donahue, New York, New York
 Patrick Michael Donahue, Indianapolis, Indiana
 †Philip Losee Donnelly, Albany, New York
 Robert Barclay Dragani, Mahopac, New York
 Robert Arthur Drajem, Buffalo, New York
 Spencer John Drayton, Jr., Old Brookville, New York
 Stephen Joseph Dreher, Baldwinsville, New York
 †Davis George Droll, Jr., Annapolis, Maryland
 Edward John Drost, Chicago, Illinois
 Martin Patrick Duffy, Louisville, Kentucky
 Jonathan Romer Dull,* Celina, Ohio
 Thomas Anthony Dumit, Chicago, Illinois
 James Walter Duncan, III,* Oklahoma City, Oklahoma
 Arthur Joseph Dunn, Morris, Illinois
 Edwin Rydell Dunn, Highland Park, Illinois
 Donald Arthur Dunphy, Manhasset, Long Island, New York
 Michael Anthony Durcan, Jacksonville, Florida
 John Henry Eberly, Jr., Bethesda, Maryland
 James Thomas Egan, Jr., Mountainside, New Jersey
 David Waddell Ellis, Vicksburg, Mississippi
 Charles Otto Elson, III, Chicago, Illinois
 †Victor John Emmanuel, Rye, New York
 Charles Edward Emmer, New York, New York
 Robert Edward Engler,* Tenafly, New Jersey
 Richard Albert Erlenbaugh, Villa Park, Illinois
 Earl John Etowski, Jr., Sandusky, Ohio
 Nicholas Joseph Etten, Chicago, Illinois
 Edward Aloysius Everett, South Bend, Indiana
 Philip Joseph Faherty III, Lambertville, New Jersey
 William Patrick Fallon, Milwaukee, Wisconsin
 Robert Clyde Fanelli, New Rochelle, New York
 †Thomas Patrick Farley, Flushing, New York
 Daniel Fredrick Fichter, Millbrook, New York
 John Paul Fieg,* La Grange Park, Illinois
 David Anthony Fitzgerald, Park Ridge, Illinois
 James Francis Flanagan, Clarion, Pennsylvania
 John Michael Flynn, Fairview Park, Ohio
 John Thomas Flynn, Jr., Caracas, Venezuela
 Patrick James Flynn, Chicago, Illinois
 Michael Joseph Fogerty,** Elwood, Indiana
 Edward Raymond Foken, Bro., C.S.C., Cincinnati, Ohio
 James Ignatius Foley, Cincinnati, Ohio
 Joseph Michael Fortune, Peoria, Illinois
 Richard Thomas Franch,* Melrose Park, Illinois
 Thomas Laverne Fraser, Harvey, Illinois
 James Fredrick Fraser, Sterling, Illinois
 Michael Albert Freeman,* Vallejo, California
 Robert Stephen Fritsch, Chicago, Illinois
 David Joseph Fuys, West Milwaukee, Wisconsin
 Sidney Francis Gage, Jr., East Meadow, New York
 John Gerald Gaine,* Chevy Chase, Maryland
 Dale Edward Galasso, Attleboro Falls, Massachusetts
 Richard Wilkinson Galiher, Jr., Chevy Chase, Maryland
 Charles Joseph Gallagher, Jr., Chicago, Illinois
 James Henry Galligan, Chicago, Illinois

John Anthony Garcia II, Albuquerque, New Mexico
 Frank Charles Gasper, Maple Heights, Ohio
 William Joseph Geary, Chicago, Illinois
 John Robert Geraghty, Port Washington, New York
 Joseph Thomas Giacinto, Jr., Bayside, Long Island, New York
 John Brian Gibbons, Williamsport, Pennsylvania
 Robert Gifford Gilmour, C.S.C., New Bedford, Massachusetts
 Keith Eric Gisleson, South Beloit, Illinois
 James Patrick Gleason, Lima, New York
 Thomas John Goberville, Chicago, Illinois
 Kevin Anthony Good, Medford, Massachusetts
 Steven Charles Good, Tipp City, Ohio
 Albert Adrien Goodrich, Evanston, Illinois
 Laurence Joseph Gott, Chicago, Illinois
 Philip Patrick Grannan, Corning, New York
 Robert James Griffith, Akron, Ohio
 Bernard John Grisez, Canton, Ohio
 Douglas William Grund, Brookfield, Connecticut
 James Brian Haddad,*** Oak Park, Illinois
 Leo Paul Haldar, Montreal, Canada
 Dennis Raphael Hall, Columbus, Ohio
 John Caverley Hamilton, South Bend, Indiana
 David Oliver Hansen, Menomonee Falls, Wisconsin
 John James Hargrove, Babylon, New York
 James Timothy Harrington, Oak Lawn, Illinois
 Brian Dennis Hart, East Walpole, Massachusetts
 Michael James Hartford, Chevy Chase, Maryland
 Andrew Stone Hartnett, Salina, Kansas
 John Thomas Harty, Elmhurst, Illinois
 Dennis Joseph Healy, Jr., Reno, Nevada
 Richard Francis Hennessey, Jackson Heights, New York
 Richard Joseph Hennessey, Indianapolis, Indiana
 Robert Emmet Hernan, Kingsport, Tennessee
 Roger Gowan Heskett, Spokane, Washington
 Bernard Joseph Hessley, Warren, Pennsylvania
 John Hunter Higgins, Chicago, Illinois
 Peter Palmer Holman, Marion, Indiana
 Robert David Holman, La Grange, Illinois
 Michael Edward Holstein,* South Bend, Indiana
 Roger Michael Holt, Minneapolis, Minnesota
 Frederick John Holzgreffe, Glen Allen, Virginia
 Thomas William Hoobler, Cincinnati, Ohio
 Robert Nolan Hoover, Glenview, Illinois
 James William Hoppe, Nashville, Tennessee
 James Edward Hough, Grand Rapids, Minnesota
 Joseph Henry Huber, Fort Atkinson, Iowa
 Thomas John Hughes, Jr., Ho-Ho-Kus, New Jersey
 Nicholas Victor Iuppa, Rochester, New York
 Jon Harvey James, Long Beach, California
 James Anthony Janas, Chicago, Illinois
 Leslie James Jandoli, West Orange, New Jersey
 Robert Patrick Jones, Two Harbors, Minnesota
 Brian Westengaard Jorgensen, Winnetka, Illinois
 Frank Arthur Jost, III, Evanston, Illinois
 Robert Earl Kaffer, Joliet, Illinois
 Michael James Kealy, Piedmont, California
 Walter Edward Kearns, Northbrook, Illinois
 Charles Patrick Kell, Menomonee Falls, Wisconsin
 Timothy Michael Kelley, Studio City, California

Edward Walter Kelly, Jr., Philadelphia, Pennsylvania
 William Raymond Kelly, Tenafly, New Jersey
 †Terrence George Kendall, Bro., C.S.C., Notre Dame, Indiana
 Patrick Daniel Keneally, Bayside, New York
 Richard Joseph Kennedy, New Lenox, Illinois
 William Everett Kennedy, III, Cheshire, Connecticut
 John Mark Kenney, Drexel Hill, Pennsylvania
 Francis Michael Kenny, Buffalo, New York
 Frank Joseph Kenny, Jr., Teaneck, New Jersey
 Ralph Leo Kent, Jr., Milton, Massachusetts
 †Henry Douglas Kersting, Louisville, Kentucky
 Adrian Renz King, Drexel Hill, Pennsylvania
 Stephen Harlow King, Prairie Village, Kansas
 Kenneth Phillip Klapper, La Grange, Illinois
 Thomas George Klehr, Chicago, Illinois
 Monte John Kloberdanz, Osage, Iowa
 Robert Theodore Kohls, Yakima, Washington
 Terence John Kollman, Cincinnati, Ohio
 Theodore George Konen, Woodstock, Illinois
 Richard Curry Koopman,* Bayside, New York
 Mark Lee Korb, Elm Grove, Wisconsin
 William Fredrick Koss, Jr., Indianapolis, Indiana
 Peter Thomas Kozak, East Cleveland, Ohio
 Paul Edward Kremer, Fond du Lac, Wisconsin
 Robert Clifford Krug, Jr., New Hyde Park, New York
 Leonard James Kuberski, South River, New Jersey
 Thomas Anthony Kulick, Dearborn, Michigan
 Jon David Kuppinger, Rochester, New York
 James Gerald LaBarba, Hasbrouck Heights, New Jersey
 Mark Stephen Laboe, Monroe, Michigan
 Virgil Alfred LaFleur, Lorain, Ohio
 John Daniel La Greco, Valley Stream, New York
 Thomas Henry LaHaie, Cheboygan, Michigan
 Michael Kelly Lahey, C.S.C.,* Notre Dame, Indiana
 John Marshall Lalli, New Rochelle, New York
 †William James Langley, Pensacola, Florida
 Gregory Phillip LaPlante, Antioch, Illinois
 David John Larsen, Hopkins, Minnesota
 Philip Errol Lattavo, Canton, Ohio
 Richard Alfred Lee,* Skokie, Illinois
 †Robert Sen-Yen Lee, Los Angeles, California
 Cyril Joseph Letzelter, II, South Bend, Indiana
 Harry Norman Lind, Chicago, Illinois
 William Joseph Linklater, La Grange, Illinois
 Frederick Max Liss,** Peru, Illinois
 Peter Louis Litrenta, Racine, Wisconsin
 Michael James Little, Denver, Colorado
 Robert Carroll Locher, Jr., Cedar Rapids, Iowa
 Clarence Harold Loebach, Jr., South Bend, Indiana
 Louis Peter Logsdon, C.S.C., Shaker Heights, Ohio
 Philip Thomas Lombardo, Roslyn, New York
 John Thomas Lorenz, Madison, Indiana
 Richard Henry Lovell, Rochester, New York
 Denis Laurence Lynch, San Leandro, California
 Robert Murray Lynyak, Ridgewood, New Jersey
 Robert Rigg Macdonald, Pittsburgh, Pennsylvania
 Bruce Mark MacKenzie, Park Ridge, Illinois
 Michael Joseph Madigan, Chicago, Illinois

†Shane Eugene Mahoney, Jamestown, New York
 Joseph Linus Maino, Detroit, Michigan
 Kenneth Joseph Maley, C.S.C., Cromwell, Indiana
 Daniel Anthony Manion, South Bend, Indiana
 Richard Arthur Marchetti, Atlanta, Georgia
 Jerome Henry Marcoullier, Chicago, Illinois
 Richard Paul Marks,** New York, New York
 Francis Matthias Marley, Jr., Fostoria, Ohio
 John Lee Marlow, Herrin, Illinois
 Ralph Clifford Martin, Jr.,** Teaneck, New Jersey
 †Kenneth Marty Lopez, Perth Amboy, New Jersey
 Vendel Julius Matis, Perth Amboy, New Jersey
 James Eugene May, Bro., C.S.C., Whitesville, Kentucky
 †Joseph Paul Mayer, III, Drexel Hill, Pennsylvania
 Francis Aloysius McAnaney, Jr., Rye, New York
 Thomas Joseph McBirnie, Jr.,* Phoenix, Arizona
 Francis Robert McBride, Detroit, Michigan
 James Matthew McCabe, C.S.C., Notre Dame, Indiana
 John Joseph McCabe, Jr., Whittier, California
 Basil John McCarthy, C.S.C., Notre Dame, Indiana
 Michael William McClintock,* Manchester, Iowa
 Frank DeMay McConnell,** Louisville, Kentucky
 John Hayes McConville, Rochester, New York
 Patrick James McCormick, Erie, Pennsylvania
 John Stuart McCurdy, Scarsdale, New York
 William Frank McDonald, East Cambridge, Massachusetts
 †John Francis McDonnell, Jr., Davenport, Iowa
 Thomas Edward McDonnell, Davenport, Iowa
 Thomas John McDougal, Antigo, Wisconsin
 James Francis McGloin, Jr., Margarita, Canal Zone
 Joseph Augustine McGowan, III, Indianapolis, Indiana
 Clark R. B. McGranery,** Washington, D.C.
 James Charles McGrath, III, Davenport, Iowa
 John Joseph McGrath, Jr.,* Rockville, Maryland
 Eugene Francis McGuire, Wilmette, Illinois
 Peter Michael McIntosh, Scarsdale, New York
 David Paul McKee, Topeka, Kansas
 Michael Alphonsus McManus, Jr., Scarsdale, New York
 John Jefferson McNally, Lewistown, Illinois
 James Matthew McNerney, Pittsburgh, Pennsylvania
 David Bartholomew McNulty, C.S.C., Saint John, N.B., Canada
 Frederick Willard Meeker, Jr., Whippany, New Jersey
 Frank Lawrence Mercugliano, New Haven, Connecticut
 Carl Samuel Messina, Dallas, Texas
 Michael Walker Messmer,** Morganton, North Carolina
 Louis Joseph Mestre, Watervliet, Michigan
 Carl Allan Meyer, St. Louis, Missouri
 Raymond D. Meyo, Cleveland, Ohio
 Francis Salvatore Miceli,* Oswego, New York
 John Anthony Michalak, Chicago, Illinois
 Leon George Michl,* Hobart, Indiana
 James Edwin Milliman, Norwalk, Ohio
 David Arthur Minch, Dayton, Ohio
 Samuel Francis Mirabito, Hamilton, New York
 David Thomas Mitchell, Elmhurst, New York
 Donald Albert Modica, South Euclid, Ohio
 Thomas Michael Monahan, St. Louis, Missouri
 John Regan Moran, Greensburg, Pennsylvania

Carl Joseph Moroney, San Mateo, California
 James Vincent Morris, Boonton, New Jersey
 Timothy Leonard Morrison, Rochester, New York
 Walter Wade Morrissey, River Forest, Illinois
 Thomas Henry Motier, Chicago, Illinois
 Patrick Michael Mucci, Jr., Verona, New Jersey
 Richard Arthur Muench, Wilmette, Illinois
 Michael Wayne Mullane, Fullerton, California
 Nicholas Guthrie Muller, Ducor, California
 Thomas Robert Munk, La Crosse, Wisconsin
 Herbert Ralph Murphy, Cleveland, Ohio
 †Jerome John Murphy, Clayton, Missouri
 †Joseph Denis Murphy, Jr., St. Louis, Missouri
 Peter William Murray, Milford, Massachusetts
 David Anthony Nardone, Columbus, Ohio
 Edwin Martin Neff, Richmond Hill, Queens, New York
 John Willard Nelson,* La Porte, Indiana
 Morris Gwynn Nicholson, Newton, Massachusetts
 Cary Joseph Nolan, Arlington Heights, Illinois
 John Charles Nolan, Binghamton, New York
 James Joseph Norris, Jr., Rumson, New Jersey
 †Wayne Allen Novak, North Olmsted, Ohio
 James Francis Nugent, III, Red Bank, New Jersey
 Robert Frederick Oberkoetter, Rochester, New York
 Daniel Joseph O'Brien, Chicago, Illinois
 Thomas George O'Brien III,** New York, New York
 †Stephen Francis O'Bryan, Chicago, Illinois
 John William O'Connell, Brooklyn, New York
 Michael Edward O'Connell, Chicago, Illinois
 †Michael James O'Connell, Kensington, Maryland
 Edward Patrick O'Connor, Leawood, Kansas
 Gerald Brenner O'Connor, West Orange, New Jersey
 Vincent Terry O'Donnell, Manchester, New York
 †Jeremiah Patrick O'Grady, Indianapolis, Indiana
 Charles Robert O'Hara, Jr., Milmont Park, Pennsylvania
 Terrence George O'Hara, Los Altos, California
 James Denis O'Hare, Grantwood, Missouri
 James Brounley Oliver, Jr., Norfolk, Virginia
 Martin Louis Olosky, Flint, Michigan
 Patrick Edward O'Malley, Chicago, Illinois
 Bruce Charles O'Neill, Milwaukee, Wisconsin
 David Dennis O'Neill, Jr., Chicago, Illinois
 John Julius Oras, Jr., River Grove, Illinois
 John Donald O'Shea, Chicago, Illinois
 Richard Bruce Panther, Kansas City, Kansas
 Dennis Arthur Paquette, Merrill, Wisconsin
 David Allan Parker, C.S.C., Oakville, Ontario, Canada
 Terrence Patrick Pehler, Indianapolis, Indiana
 Charles Edward Pellicer, St. Augustine, Florida
 William John Petersmark, Detroit, Michigan
 James Monroe Pexa, Montgomery, Minnesota
 Frank William Pfaff,* Cranford, New Jersey
 George William Pfeifer, Minneapolis, Minnesota
 †Dennis Joseph Phillips, Mount Lebanon, Pennsylvania
 John Joseph Pierce, Riverside, Illinois
 Louis Ralph Piermarini, Fitchburg, Massachusetts
 Glen Russell Pierson, III, Orlando, Florida
 Richard Edward Pikor, West Hartford, Connecticut

John Lewis Pini, Everett, Massachusetts
 †Richard Lawrence Plante, Chicago, Illinois
 Thomas Anthony Plastino,* Lancaster, Pennsylvania
 Linus Joseph Portman, Des Plaines, Illinois
 Joseph Lewis Powell, Jr., Alexandria, Virginia
 Paul James Powers, New York, New York
 John Henry Precheur, Elizabeth, New Jersey
 Robert Edward Radell, Rochester, New York
 Robert James Rafferty, Jr., Park Ridge, Illinois
 John Stewart Raleigh, Cleveland, Ohio
 Stephen Henry Rall, Carey, Ohio
 Gerard Francis Ramsden, Beloit, Wisconsin
 Richard Edward Rassel, Birmingham, Michigan
 Frederick David Rawles, Champaign, Illinois
 Joseph Roger Bowen Reynolds, Ardmore, Pennsylvania
 Brian Harrison Rhatigan, Manhasset, New York
 William Michael Rich, Atlanta, Georgia
 Emory Barry Richards,** Woonsocket, Rhode Island
 Michael Joseph Rieder, Madison, Wisconsin
 John Leon Riley, North Quincy, Massachusetts
 John Leo Riordan, Montclair, New Jersey
 Lionel Anthony Rodgers, Jr., Vallejo, California
 Antonio Rodriguez Cabanillas, Arecibo, Puerto Rico
 John Edward Rogers,* Joliet, Illinois
 Donald Anthony Romeo, Bayonne, New Jersey
 José Joaquin Rosa, Rio Piedras, Puerto Rico
 Walter Joseph Roxey, Royal Oak, Michigan
 William Charles Rueter, Philadelphia, Pennsylvania
 Peter Ellis Rumsey, Swarthmore, Pennsylvania
 Roger Vincent Ruppe, South Bend, Indiana
 Richard Robert Russell, Houston, Texas
 Gary Maurice Sabatte, Lafayette, California
 Charles Francis Salusky, South Bend, Indiana
 John Alexander Salzmann, North Hollywood, California
 Warren John Sanger, Bellerose, Long Island, New York
 Jan Joseph Santich, Rawlins, Wyoming
 Robert Andrew Scheffing, Scottsdale, Arizona
 Thomas Joseph Schierer, Buffalo, New York
 William Gardner Schma, Kalamazoo, Michigan
 David Edward Scholl, Wilmette, Illinois
 John Franklin Scott, San Francisco, California
 Robert George Scribner, Phoenix, Arizona
 John Edward Scully, Jr., Westchester, Illinois
 Jerome Francis Seaman, Chicago, Illinois
 Elvin Lawrence Semrad, Newton, Massachusetts
 Michael Paul Seng,* Lost Nation, Iowa
 †Michael Anthony Sennott, Winnetka, Illinois
 Richard John Serafin, Chicago, Illinois
 Thomas Edward Serge, South Bend, Indiana
 Fithian Merrill Shaw, Jr., Louisville, Kentucky
 James Rodney Shay, Denver, Colorado
 John Rutledge Sheets, San Francisco, California
 Patrick Joseph Shelley, Cliffside Park, New Jersey
 Edward Anthony Sheridan, Bergenfield, New Jersey
 Mark Ignatius Sheridan, Chicago, Illinois
 †Paul Bernard Sheridan, Manchester, Connecticut
 Thomas More Sherman, Knoxville, Tennessee
 Charles Gilbert Siebert,** Kirkwood, Missouri
 John Anthony Sieger,* Chicago, Illinois

David Anthony Simia, Garfield Heights, Ohio
 Craig Michael Simpson,** San Francisco, California
 Robert Arthur Singewald, Wilton, Connecticut
 Samuel John Skarich, Keewatin, Minnesota
 Michael Joseph Smith, New York, New York
 William Bogaert Smith, Richmond Hill, Queens, New York
 Richard Horigan Snooks, St. Joseph, Missouri
 Roger Thomas Sobkowiak, Chicago, Illinois
 David Emile Soileau, Ville Platte, Louisiana
 Henry Joseph Sommerkamp, Sea Island, Georgia
 Charles Vincent Sords, C.S.C.,* Notre Dame, Indiana
 Joseph John Sperber III, Cincinnati, Ohio
 †Harold Michael Stack, Gary, Indiana
 John Francis Stanley, Binghamton, New York
 Steven Jay Stapp, Denver, Colorado
 Timothy Ward Starkey, Beardstown, Illinois
 William Leo Staudenheimer, Kenton, Ohio
 Walter Joseph Steinfeld, Indianapolis, Indiana
 James Patrick Stenger, Birmingham, Michigan
 Donald Egan Stephan, Evanston, Illinois
 Warren Clayton Stephens, Burlingame, California
 Harry Newell Stickler, Corona del Mar, California
 Joseph Norman Stineman, Cincinnati, Ohio
 Matthew Victor Storin, Longmeadow, Massachusetts
 David George Stout, Erie, Pennsylvania
 Richard William Stranger, Grand Junction, Colorado
 Edmund James Stubbing, Brooklyn, New York
 †John Vincent Stucko, Westmont, Illinois
 Milton Steven Stuecheli, Birmingham, Michigan
 Donald George Sullivan, Vienna, Austria
 James Joseph Sullivan,* Bay Shore, New York
 Jerry Joseph Sullivan, Glens Falls, New York
 Kevin Daniel Sullivan, Yokohama, Japan
 Martin Ford Sullivan, Tulsa, Oklahoma
 William Richard Swanson,* St. Paul, Minnesota
 Thomas Walsh Switzer, Denver, Colorado
 Denis Edward Szot, Chicago, Illinois
 Robert Leonard Tanzola, Jr., Tenafly, New Jersey
 Frederick John Tate, Allentown, Pennsylvania
 John Putnam Thorp, C.S.C.,* Chicago, Illinois
 Michael John Tichon,* Terryville, Connecticut
 Paul Edward Tierney, Jr.,** Chappaqua, New York
 Michael Patrick Toal, Rocky River, Ohio
 †Ronald Joseph Tocchini, San Francisco, California
 Timothy Keith Tollaksen, Racine, Wisconsin
 Robert Val Tompkins, Rio de Janeiro, Brazil
 Robert Francis Toth, Cleveland, Ohio
 Jerome Edward Tucker, Wilmette, Illinois
 John Freeland Turner, Jackson Hole, Wyoming
 Rocco Robert Tutela, Short Hills, New Jersey
 Daniel Timothy Twomey,* Orange, California
 Thomas Francis Underwood, Rochester, Minnesota
 Robert Angelo Urso, Queens, New York
 Peter Kingsland Van Winkle, Levittown, New York
 Luther Matthews Vaughan, Jr., Houston, Texas
 Louis Thomas Velloni, Parma, Ohio
 Wayne Joseph Villemez, Port Arthur, Texas
 †Arthur Joseph Volz, South Bend, Indiana
 Ronald Anthony Vomero, Erie, Pennsylvania

Richard August von Boecklin,* Tacoma, Washington
 Don Henry Wagner, Solon, Ohio
 Thomas Robert Wallace, Lisle, Illinois
 James Patrick Walsh, Jr., Hicksville, New York
 †John David Walsh, Chicago, Illinois
 Edward Patrick Ward,** Arlington, Virginia
 John Robert Warren, Tonawanda, New York
 Richard Austin Watson,* Tremont, Illinois
 Albert Conrad Weymann, III, Philadelphia, Pennsylvania
 William Tyson Wheeler, Bogota, New Jersey
 Thomas Patrick Whelan, Kearney, Nebraska
 Raymond Christopher Wherley, Missoula, Montana
 Peter Thomas Whitehouse, Staten Island, New York
 Frank Michael Williamson, ** Little Rock, Arkansas
 Thomas Joseph Windberg, C.S.C., Spring Lake, Michigan
 Richard Albert Wolf, Utica, New York
 John William Wolf, Jr., Cincinnati, Ohio
 Robert Peter Wolter, Mount Vernon, Illinois
 John Philip Woods, Oak Park, Illinois
 Thomas Emmett Woods, III, Port Huron, Michigan
 Donald Earl Wydra, C.S.C., Chicago, Illinois
 Michael Joseph Yannussi, New York, New York
 John Gerald Young, Tucson, Arizona
 †Mario Jorge Yrarrazaval, C.S.C., Notre Dame, Indiana
 Richard Albert Zachar, Clarendon Hills, Illinois
 †Peter Carl Zak, Broomall, Pennsylvania
 George Walter Zimmerman, Springfield, Illinois
 Francis Michael Zirille, Mishawaka, Indiana

The Degree of Bachelor of Fine Arts on:

James Anthony Allen,* Mount Clemens, Michigan
 James Lynn Bruch,* Kenosha, Wisconsin
 James Robert Custello, Waldwick, New Jersey
 William John Green, Waukegan, Illinois
 J. Christopher Hartz, Stuttgart, Arkansas
 Dennis Paul Killeen, Shaker Heights, Ohio
 William Harold Lewis, Rockford, Illinois
 Robert Stephen Liptak, Independence, Ohio
 Lawrence Joseph Litzau, Milwaukee, Wisconsin
 Timothy James Moriarty, Kenosha, Wisconsin
 James Bernard Nutter, South Bend, Indiana
 Sewall Jerome Oertling, II, New Orleans, Louisiana
 Lawrence Anthony Sicking, Jr., Cincinnati, Ohio
 Michael Joseph Walusis, Dayton, Ohio

The Degree of Bachelor of Music on:

David Martin Stasa, Owosso, Michigan

THE COLLEGE OF SCIENCE

The Degree of Bachelor of Science in Biology on:

†Ronald Michael Achilli, Loves Park, Illinois
 Richard Lee Berry, Shelby, Ohio
 George Francis O'Meara, Lowell, Massachusetts
 Thomas Patrick Osborn, Kalamazoo, Michigan
 Joseph Francis Ricchiuti, Pottsville, Pennsylvania
 Ernst Frederick Schukraft, Detroit, Michigan

Roger Andrew Szal, Detroit, Michigan

The Degree of Bachelor of Science in Chemistry on:

John Arthur Barclay, Laurel, Montana
Edward William Gasior, Chicago, Illinois
Thomas Joseph Goehl, Philadelphia, Pennsylvania
Edward Louis Hagen, Lexington, Kentucky
David Lynn Head, Anderson, Indiana
Stanley Richard Jaskunas,* Bloomfield, Iowa
Raymond Jerome Kent, South Bend, Indiana
Paul Bertram Trost, Kankakee, Illinois
Jerome Paul Wiener, Sturgis, Michigan

The Degree of Bachelor of Science in Geology on:

Ronald Virgil Agresta, Huntington, L.I., New York
†Richard Joseph Schmitz, Racine, Wisconsin
William Thomas Stelzer, Bloomfield Hills, Michigan

The Degree of Bachelor of Science in Mathematics on:

Robert Paul Carmignani, Galveston, Texas
Joseph Richard Caspar,* Paola, Kansas
Raymond Charles Cavanagh, Chicago, Illinois
James Henry Foster, Des Plaines, Illinois
Joseph John Gayda, Lansing, Illinois
Casimiro Michael Giampaolo,** White Plains, New York
Stephen Russell Hilbert, Maywood, New Jersey
John Edward Hoey, Fulton, New York
Raymond Joseph Kaiser, Nashville, Tennessee
Eugene Michael Keppel, Nazareth, Pennsylvania
William Joseph Kiernan,* Florham Park, New Jersey
Dale Eugene Lamps, La Salle, Illinois
George Charles Lang, St. Paul, Minnesota
Richard Charles Murphy, Woodbury, L.I., New York
Frank Joseph Papp, Jr., South Bend, Indiana

The Degree of Bachelor of Science in Physics on:

Ross Francis Amann,** Garden City, New York
David Lee Binting, South Bend, Indiana
Lawrence William Borgman, Hays, Kansas
†Richard John Breen, Abington, Pennsylvania
Richard Henry Burkel, Sandusky, Ohio
John Feil Cowan, Bethlehem, Pennsylvania
†Frank Wayne Cuiffo, Bronxville, New York
Donald Michael Esterling,** Niles, Michigan
Francis Aidan Harvey, Jr., Media, Pennsylvania
William Philip Jones, Rochester, New York
Lawrence David Kavanagh, Jr., New Orleans, Louisiana
James Vincent Maher, Jr.,** New York, New York
Joseph Charles McCarty, Jackson, Michigan
Michael Vance McCusker, Halstead, Kansas
William Kenneth Rice, Excelsior, Minnesota
Stewart Richard Ryan,** Shelbyville, Indiana

The Degree of Bachelor of Science in Preprofessional Studies on:

†Martin Thomas Abell, Bro., C.S.C., Evansville, Indiana
Thomas Edmund Ackart, Notre Dame, Indiana
†Henry George Altmiller, Bro., C.S.C.,* Austin, Texas

John James Anton, Webster Groves, Missouri
 John Lawrence Antus, Manhasset, New York
 Ernest Edward Arras, Jr., San Mateo, California
 John Russell Barker, Needham, Massachusetts
 †Benjamin James Binford, Arcola, Illinois
 †James Joseph Brill, Stevens Point, Wisconsin
 Robert Preston Brouillard, Westfield, New Jersey
 John Richard Bruno, Denver, Colorado
 Rodger Andre Capstraw, Utica, New York
 Paul Foley Casey, Uncasville, Connecticut
 Frank Chudzinski, Utica, New York
 †Lawrence Michael Cibula, Jr., Westlake, Ohio
 Salvatore John Ciresi, Brecksville, Ohio
 James Arthur Coglianese, Chicago, Illinois
 Arthur Peter Copek,* Downers Grove, Illinois
 Samuel Michael Crimone, Somerset, Pennsylvania
 Edward Carroll Dalton, Jr., Portland, Maine
 Michael John DeSantis, Erie, Pennsylvania
 Norman Donald Diebel, Grosse Pointe, Michigan
 Martino Sylvester Faggioni, Jr., Pensacola, Florida
 Robert George Fierer, Munhall, Pennsylvania
 Carl Anthony Flecker, Jr., Pittsburgh, Pennsylvania
 Paul Stephen Fox, River Forest, Illinois
 Norman Louis Guentert, South Bend, Indiana
 Charles Philip Jarasek, Evergreen Park, Illinois
 Gerald Leroy Kennedy, Lombard, Illinois
 Randy Allen Kienstra, East Alton, Illinois
 Michael Patrick Kiley, Saratoga Springs, New York
 John Dennis Kolata, Kewanee, Illinois
 Donald Louis Kriner, Indianapolis, Indiana
 Donald Joseph Kurth, New York, New York
 Joseph Aloysius LaNasa, Jr., New Orleans, Louisiana
 Thomas Francis Lavelle, Jr., Anderson, Indiana
 Richard Henry Lee, Chicago, Illinois
 Kenneth Joseph Leveno, Goshen, Indiana
 Jerome Joseph Ludwig, Troy, Ohio
 Michael John Luca, Flint, Michigan
 Edmund John Makoski, North Little Rock, Arkansas
 Leonard Ernest Maroun, Lawrence, Massachusetts
 Carl Michael Mayer, Middletown, Ohio
 Michael Thomas McAuliffe, Adrian, Michigan
 †Peter J. Michelin, Bro., C.S.C.,* Cheboygan, Michigan
 John Robert Millwater, Washington, D.C.
 Charles Thomas Moran, Louisville, Kentucky
 George John Murphy, Pittsburgh, Pennsylvania
 Stephen Paul Nicknish, Utica, New York
 George Peter Noel, Jr., Morton, Pennsylvania
 Joseph Fredrick Norfray, Glenview, Illinois
 George Patrick Novak, Nutley, New Jersey
 James Michael Nusrala, St. Louis, Missouri
 David Reese O'Brien, Harrisburg, Pennsylvania
 Andrew Joseph O'Dwyer, Fort Wayne, Indiana
 †Henry Francis Panek, Salem, Massachusetts
 †William Joseph Reynolds, Fresno, California
 Robert Frederic Ring, Harvey, Illinois
 Thomas Patrick Riordan, Rockville Centre, New York
 †Phillip Ritchey, Millersburg, Ohio
 John Raymond Robison, Plymouth, Michigan

John Anthony Rurak, Weirton, West Virginia
 James Joseph Rybak, Cleveland Ohio
 †Joseph Gerard Sandza, Jr., Waldwick, New Jersey
 John Edward Shields, Riverhead, New York
 Paul David Shuff, Cincinnati, Ohio
 †James Michael Sidie, Jr., Westfield, New Jersey
 Richard Galen Simms, St. Michael, Minnesota
 †John Richard Skinner, Waverly, Ohio
 Kenneth Clifford Spengler, Jr., Arlington, Massachusetts
 Peter Richard Stahl, Rochester, New York
 Eugene Philip Stecz, Haverstraw, New York
 †Michael Aubrey Stocker, Glenview, Illinois
 David Lee Stronsky, Lorain, Ohio
 John Francis Sutter, Kansas City, Kansas
 James Joseph Thomas, Jr., Alliance, Ohio
 James Michael Verleye, Mishawaka, Indiana
 John Joseph Welch, Rutland, Vermont
 Paul Joseph West, Park Ridge, Illinois
 William Karl Wittenbrook, Cleveland Heights, Ohio

THE COLLEGE OF ENGINEERING

The Degree of Bachelor of Science in Aeronautical Engineering on:

Daniel Peter Bencze,** East Chicago, Indiana
 Conrad Joseph Bertz, Berwyn, Illinois
 Edward Rivera Bozzonetti, Jr., New York, New York
 Patrick Joseph Brennan,* Shamokin, Pennsylvania
 David Dominic Chow, Happy Valley, Hong Kong, China
 James Joseph Drury, Jr., Villa Park, Illinois
 †Gasper Joseph Fatta, Jr., Minetto, New York
 William Anthony Fideli, Niagara Falls, New York
 Kenton Bruce Higgins, Jr., Atlanta, Georgia
 Richard Bernard Johnson, Newark, Ohio
 John Anthony Kali, Wantagh, New York
 John Patrick Kintz, South Bend, Indiana
 Jerome Francis Kuminecz, South Bend, Indiana
 †J. William Leisen, Staunton, Virginia
 †Gerald Alvida Nathe, Redstone, Montana
 †John Leland Neis, Wauwatosa, Wisconsin
 Robert Charles Nelson, Margate City, New Jersey
 Murray Francis Olsen, St. Louis, Missouri
 Albert Anthony Olympia, Chicago, Illinois
 James Francis Schnaubelt, La Grange Park, Illinois
 †Michael Emmett Sexton, Portland, Oregon
 Robert Leo Staloch, Wells, Minnesota
 Thomas John Sullivan, Croton-on-Hudson, New York
 James William Szymanski, South Bend, Indiana
 Kevin Emil Yelmgren, Easton, Pennsylvania

The Degree of Bachelor of Architecture on:

John Joseph Boylan, Jr., Jersey City, New Jersey
 Michael James DeBartolo, Youngstown, Ohio
 Dennis Martin Donahue, East Hartford, Connecticut
 Carl David Feske, Indianapolis, Indiana

Daniel Patrick Gallagher, Mason City, Iowa
Robert Edward Lawless III, Greenwich, Connecticut
†John Thomas Leader, South Bend, Indiana
†Raul Martinez, San Juan, Puerto Rico
†John Edward Morford, Decatur, Illinois
Victor Melvin Newlove, Santa Monica, California
Thomas Jerome Nolan, Louisville, Kentucky
Raymond Ludwig Weinmann, Huntingdon Valley, Pennsylvania
Bernard Matthew Yosten, West Point, Nebraska

The Degree of Bachelor of Science in Civil Engineering on:

Camilo Enrique Arciniegas Castilla, Bogota, Colombia, South America
Thomas Ryan Brennan, Buffalo, New York
†Dennis Norman Broglio, Euclid, Ohio
Patrick Joseph Callahan, Jr., Wilmette, Illinois
James Peter Connolly, Onida, New York
Donald Dewees Del Manzo, Jr., Southampton, Pennsylvania
†Louis Francis DiNicola, III, Penns Grove, New Jersey
John Francis Donohoe, Short Hills, New Jersey
Francisco José Escobar Rivera, Bogota, Colombia, South America
†Thomas Louis Fischer, St. Louis, Missouri
Thomas James Foody, London, Ohio
Michael Vernon Fout, Kenton, Ohio
†German Garcia Duran, Cucuta, Colombia, South America
Francis Paul George, Warnerville, New York
Ronald Stephen Hadvavny, Canton, Ohio
Thomas Francis Kenny, III, Buffalo, New York
Charles William Koch, St. Marys, Ohio
Donald Joseph Koprowski, Two Rivers, Wisconsin
†Raymond Kosarski, Jr., Stevensville, Michigan
†William Charles Krause, Peru, Illinois
Salvador Francis Leccese, Rochester, New York
John Charles Lonergan, Scituate, Massachusetts
†Thomas James McAndrew, Scranton, Pennsylvania
Matthew Henry McCloskey, IV, Bryn Mawr, Pennsylvania
Dennis James McCracken, Chicago, Illinois
William Philip Modry, Flushing, New York
Thomas Ernest Mulinazzi, Ottawa, Illinois
John Wesley Nagel, Morrilton, Arkansas
Charles Patrick O'Neill, Jr., Wayne, Pennsylvania
Terry Gene Pike, Pueblo, Colorado
George William Quiter, III, Pittsburgh, Pennsylvania
Joseph John Romanek, Jr.,** Chicago, Illinois
James George Sak, Evergreen Park, Illinois
†Harry Thomas Sampson, Mahwah, New Jersey
Richard Thomas Sheahan, Oak Ridge, Tennessee
Francis Theodore Siener, Indianapolis, Indiana
Kenneth Evans Stinson, Millbrae, California
Raymond Arthur Sullivan, Hartford, Connecticut
William August Totzke, Chicago, Illinois
†Alfred Julius Wolnski, Lombard, Illinois
Richard Peter Wolsfeld, Jr., Naperville, Illinois
†David Franklin Zawada, Hammond, Indiana

The Degree of Bachelor of Science in Chemical Engineering on:

†Michael Steven Becker, Dayton, Ohio
William King Blake,* Franklin Lakes, New Jersey
John Robert Bohrer, St. Louis, Missouri
Leo William Borellis, Pittsburgh, Pennsylvania
Christopher Leon Caenepeel, South Bend, Indiana
James Bryan Chorn, Elkhart, Indiana
John Peter Clark,* Glenside, Pennsylvania
Francis Daniel Cooney, Port Carbon, Pennsylvania
Clifford Joseph Fredricks, Cincinnati, Ohio
James Francis Fritsch, St. Louis, Missouri
Theodore Eugene Frossard, Jr., Dallas, Texas
Ronald John Gilles, Fort Lauderdale, Florida
Charles Christopher Gould, Oakland, California
Robert Joseph Grahek, Decatur, Michigan
Michael Joseph Healey, Jr., Pittsburgh, Pennsylvania
Charles LeRoy Hemler, Jr.,** Hanover, Pennsylvania
John Jesse Kracklauer, Mundelein, Illinois
Robert Stanley Loboda, Chicago, Illinois
Edward Andrew Maciula, Waco, Texas
John Paul Marano, Jr., Clarksburg, West Virginia
David Saxer McCaffrey, Jr.,*** Bloomfield, New Jersey
James Lee Natonski, Hammond, Indiana
John Francis Pagel, New Rochelle, New York
†Thomas Eugene Peterson, South Bend, Indiana
†Charles Joseph Potter, Madison, Indiana
Walter Edward Schluter, New York, New York
Thomas Leo Schrenk, Altoona, Pennsylvania
†Brian Charles Shevlin, Manhasset, New York
William Frederick Tynan, Syracuse, New York
Edward John Vytlačil, Jr., Moline, Illinois
Joseph Vinson Wig,* Islington, Ontario, Canada

The Degree of Bachelor of Science in Electrical Engineering on:

Joseph Daniel Adrian, River Edge, New Jersey
Nicholas Thomson Bard, Jr., Newtown Square, Pennsylvania
Robert William Bartoldus, West Hempstead, New York
William Hinchliffe Belden, Jr., Canton, Ohio
Brian Dobbs Blanc, Peoria, Illinois
Daniel Francis Brosnan, North Hollywood, California
†Robert Clegg Casey, Boston, Massachusetts
Robert John Chernis, Melrose, Massachusetts
Michael Dennis Ciletti, Washington, Pennsylvania
David Daniel Ciruli, Boone, Colorado
Richard John Coppia, Cranston, Rhode Island
John Francis Corrigan, Woodside, New York
Thomas Vallandingham Duff, Portland, Oregon
John Joseph Dunn, Jr., Haworth, New Jersey
†Donald Francis Fagon, Mount Vernon, New York
†Harry Martin Fleck, Stamford, Connecticut
Alfred Francis Frey, Jr., New Orleans, Louisiana
Walter Joseph Gajda,** North Adams, Massachusetts
Ronald Joseph Gerken, Richmond, Indiana
†Charles Harvey Grande, Farrell, Pennsylvania
Robert Alan Gregoire, Bloomfield, Connecticut
Lawrence Charles Hagerty, Elgin, Illinois
Theodore James Hardman, Louisville, Kentucky
James Carlton Hayes, Arlington, Virginia
†George Edward Heil, Monroe, Michigan

Kevin Joseph Heyd,* Peoria, Illinois
 Philip Mark Highducheck, Waterbury, Connecticut
 Robert Dennis Jochum, Wheeling, West Virginia
 Albert Anthony Kashinski, Barrington, Illinois
 Robert Dennis Kelly, New York, New York
 Joseph Cyril Klaus, East St. Louis, Illinois
 Thomas Francis Lantry, Yonkers, New York
 John Vincent Lason, Camp Hill, Pennsylvania
 John Sterling Leadbetter, Marquette, Michigan
 Clifford Francis Lennon, Amityville, New York
 Robert John Manning, Niles, Illinois
 Joseph Kunihiko Maruyama, Tokyo, Japan
 James Louis Mason, Mount Penn, Pennsylvania
 Carl Anthony Massarini, Trenton, New Jersey
 Raymond D. Mewshaw, Cumberland, Maryland
 Thomas Nicholas Morrissey, Jr.,* North Little Rock, Arkansas
 John Bernard Mulligan, Jr., Rockville Centre, New York
 Joseph Kelly Murdock, Chicago, Illinois
 Thomas John Norton, Manchester, Connecticut
 Frank Alexander Petro, Jr., Garden City, New York
 Frank Edward Rogozienski, II, Bethesda, Maryland
 Richard Francis Russell, Brockton, Massachusetts
 †Charles Gerald Satriano, Jr., Youngstown, Ohio
 William Jacob Schindlbeck, Aurora, Illinois
 Vincent Edward Schirf,* Buchanan, Michigan
 Ralph Edward Sipple, Hayward, Minnesota
 Michael Seaman Squyres, Chicago, Illinois
 Timothy Patrick Sullivan, New Berlin, Illinois
 Carl Francis Sundstrom, Wellesley, Massachusetts
 David Joseph Thompson, Ambler, Pennsylvania
 Charles John Tobias, Youngstown, Ohio
 Charles Orend Vimmerstedt, Youngstown, Ohio
 James Maxwell Voss, Jr., Waban, Massachusetts
 †William Joseph Williams, Philadelphia, Pennsylvania
 †Gordon LaCour Woolley, Jr., West Long Branch, New Jersey
 James Robert Wruck, Omaha, Nebraska

The Degree of Bachelor of Science in Engineering Science on:

John Joseph Farrell, Bronxville, New York
 John Thomas Fleckenstein,* Huntington, West Virginia
 David Henry Gibbons, Dallas, Texas
 †Harry Ivers Gillogly, Northbrook, Illinois
 John Anthony Halat, Allen Park, Michigan
 Joseph Richard Jordan, Warren, Ohio
 †James Edward Kennedy, North Tonawanda, New York
 John Kent Koester,* Moberly, Missouri
 Nicholas Lurowist, Jr., Berwick, Pennsylvania
 Eugene Francis Lynch, Jr., Oakmont, Pennsylvania
 †William Francis Manasil, Burwell, Nebraska
 Joseph Denis Murphy, Jr., St. Louis, Missouri
 Lawrence Martin Murphy, Villa Park, Illinois
 Thomas Edward O'Connor, Bellefontaine, Ohio
 Michael Harry Ohlinger, Chicago, Illinois
 John Paul Ribka, Miami, Florida
 Thomas Vernon Schroeder, Chicago, Illinois
 Gary Jo Scrivner,* Hamilton, Ohio
 Robert James Slattery,* Hartford, Connecticut
 Stephen Edward South, Rock Island, Illinois

The Degree of Bachelor of Science in Mechanical Engineering on:
Carlos H. Aldana Valdes, Purificacion, Tolima, Colombia, South
America

Wayne Nicholas Allen, New Castle, Delaware
Miguel Vicente Andrade, Quito, Ecuador
†Jeffrey Joseph Ayers, Islington, Ontario, Canada
John Phillip Barnard, Kansas City, Kansas
Nicholas John Barsic,* Mentor, Ohio
Carl Richard Bartone, Detroit, Michigan
David Charles Becker, Clarence, New York
James Robert Bender, Pinole, California
Richard Briggs Bonneville, East Longmeadow, Massachusetts
John William Borchard, Jr., Oxnard, California
Thomas James Brennan,* Kalamazoo, Michigan
William James Burns, Wyncote, Pennsylvania
John Joseph Carr, Morrisville, Pennsylvania
Sergio Catani, San Salvador, El Salvador
Thomas Francis Conroy, Binghamton, New York
Michael Logan Cunningham, Havertown, Pennsylvania
Ronald Alfonso Delaere, South Bend, Indiana
James Philip Dixon, North Syracuse, New York
John Patrick Dooley, Toledo, Ohio
†Richard Anthony Dooley, Toledo, Ohio
Walter Michael Dubach, Denver, Colorado
Robert Gordon Early, Glen Ellyn, Illinois
Frank Joseph Fee, Rockville Centre, New York
†James William Fox, Kearney, Nebraska
David Richard Francescani, Manhasset, New York
Michael Francis Gartland, Marion, Indiana
James Michael Geraghty, Port Washington, New York
Robert John Gilmore, Haddon Heights, New Jersey
Francis Joseph Glasgow, Nashville, Tennessee
Harold Patrick Guarnieri, Warren, Ohio
David Bruce Halbert, Webster, New York
Charles Elmer Herzog, Jr., Sandusky, Ohio
†Lawrence Ralph Hock, Meadville, Pennsylvania
Paul Joseph Huch, Jr., Minneapolis, Minnesota
Edward Mountain Hughes, Santa Ana, California
Russell Alan Jandrisevits, Metuchen, New Jersey
Francis Steven Juda, Bloomfield, Connecticut
Thomas Daniel Kenneally,* Middlebush, New Jersey
Waldemar Frank Kissel, Jr., Evansville, Indiana
Bronislaus Eugene Klamecki, Chicago, Illinois
Robert Gary Klausner, Pasadena, California
David John Kostolansky, Donora, Pennsylvania
Joseph Stanley Koziol, Three Rivers, Massachusetts
James Richard Lamping, Park Ridge, Illinois
John Edward Lanigan, Tulsa, Oklahoma
†Lawrence Michael Larson, Spring Valley, New York
†Joseph Robert Lehmann, Louisville, Kentucky
Robert Joseph Lesko, Homestead, Pennsylvania
J. Jacque LeVasseur,* Canal Fulton, Ohio
Alton Joseph Lipps, Jr., Frederick, Maryland
John Adams Loarie, Deerfield, Illinois
William Hugh Malley, Bogota, New Jersey
Charles Joseph Mayer, Indianapolis, Indiana
Frederick Joseph Michelau, Morton Grove, Illinois
†John Michael Muempfer, Youngstown, Ohio

John Francis Muska, Broad Brook, Connecticut
John Charles Noonan, Morton, New York
†D. Michael Noonan, Waterloo, Iowa
William Holman O'Connor, Ransomville, New York
Carlton Paul Ostidick, St. Clair Shores, Michigan
Jeffrey Stephen Philbin, Nashville, Tennessee
Gerald Louis Pieri, Norwood, Massachusetts
Thomas Peter Rao, Lewiston, New York
John David Reilly, California, Pennsylvania
Mark Hersey Richardson, Gibbstown, New Jersey
Thomas Joseph Riley, Warren, Ohio
Eugene David Serotini, Beloit, Wisconsin
Raymond William Solcher, Dallas, Texas
Edward Emmanuel Stark, Jr., Gary, Indiana
†Ronald Richard Tisch, Weirton, West Virginia
James Robert Uhlir, Downers Grove, Illinois
Carlos Von Halle, Bogota, Colombia
Harold Joseph Weaver, Jr., Auburn, New York
†Thomas Joseph Wich, Holland, Michigan
†Richard Edwin Yarrows, Hadley, Massachusetts

The Degree of Bachelor of Science in Metallurgical Engineering on:

James Nicholas Baker, Pittsburgh, Pennsylvania
Walter Norman Barger, Woronoco, Massachusetts
Harry Edward Deverell, Toledo, Ohio
Donald Joseph Juvan, Philadelphia, Pennsylvania
Albert Edwin Kennedy, Jr., Long Beach, California
Frank Joseph Lebar, Rock Springs, Wyoming
Richard Dennis Lee, Milwaukee, Wisconsin
†Michael Bernard Savitske, Northampton, Pennsylvania
John Scott Young, Bethel Park, Pennsylvania

THE COLLEGE OF BUSINESS ADMINISTRATION

The Degree of Bachelor of Business Administration on:

†Benjamin Peter Acri, Des Moines, Iowa
Donald Clarence Aherns, St. Louis, Missouri
John Joseph Arado, Chicago, Illinois
Charles Wesley Aten, II, Webster Groves, Missouri
John Robert Aylor, Washington, D.C.
Lawrence Francis Babst, Jr., New Orleans, Louisiana
Daniel Francis Bachini, San Jose, California
Michael William Bahan, San Antonio, Texas
John Reynolds Baker, Rochester, Minnesota
John Anthony Banks, Detroit, Michigan
John Richard Barber, Logan, West Virginia
Paul Anthony Basbagill, Park Ridge, Illinois
Thomas Joseph Baumgartner, Naperville, Illinois
†Thomas Joseph Beaulieu, Newberry, Michigan
James Lyle Beiter, Elyria, Ohio
Thomas Edward Benedetto,* Elmont, New York
†William George Benson, Rochester, Michigan
Donald Staunton Bergin, Reno, Nevada
David Franklin Berres, Sheboygan, Wisconsin
Robert Nicholas Beucher, Glencoe, Illinois
Herbert Ralph Black, Jr., Charlotte, Michigan
Lewis Edward Blaising, La Grange, Illinois

James Paul Blum, Pittsburgh, Pennsylvania
 Michael Paul Bohan,* Cicero, Illinois
 William Richard Borbely, Bronx, New York
 Robert Victor Borla, Chicago, Illinois
 Richard Joseph Boulay, Fond du Lac, Wisconsin
 Jerome Joseph Bradley, Dallas, Texas
 John Michael Bradley, Dallas, Texas
 Gene Charles Braig, Cleveland, Ohio
 David Louis Braunsdorf, Topeka, Kansas
 William Francis Brezzette, Indianapolis, Indiana
 James Jacob Brunner, Lima, Ohio
 Robert Thomas Budenbender, Jersey City, New Jersey
 Samuel Joseph Calomino, Chicago, Illinois
 Thomas Patrick Calpin, Youngstown, Ohio
 Michael Quinn Carey, Paterson, New Jersey
 Albert Edward Carpenter, Jr., New Orleans, Louisiana
 Paul John Carroll, Berwyn, Illinois
 Thomas Patrick Cary, Fairport, New York
 Benjamin Martin Cashman, South Bend, Indiana
 Edward Michael Castellini, Cincinnati, Ohio
 Juan Enrique Cintron, Jr., South Bend, Indiana
 Francis Christopher Cirrincione, River Forest, Illinois
 Joseph James Clark, Chicago, Illinois
 Eugene Daly Connor, Syracuse, New York
 John William Cook, Fort Wayne, Indiana
 Gregory Andrew Costa, III, Metuchen, New Jersey
 Willard John Counsell, Oconomowoc, Wisconsin
 Jerry Michael Crowley, Adams Center, New York
 Stephen James Culliton, Alexandria, Virginia
 James Lee Cumiskey, Claremore, Oklahoma
 Michael Joseph Cummings, Chicago, Illinois
 Michael James Currier, Birmingham, Michigan
 Richard Vernon Damm, Englewood, Colorado
 Thomas Edward Daughton, Springfield, Illinois
 Eugene Joseph Dean, Jr., Salisbury, Massachusetts
 Philip David DeBruyne, St. Charles, Illinois
 Richard Heneberry Delaney, Jr., Burlington, Iowa
 Russell Edmund Delaney, Clinton, Illinois
 William Hardin Dellekamp, Shelbyville, Indiana
 Leonard Samuel Dominello, South Bend, Indiana
 Frank Timothy Dunn, Haworth, New Jersey
 Matthew James Ebinger, Lorain, Ohio
 Mark Guerin Egan, Winnetka, Illinois
 Paul Edward Egan, Aurora, Illinois
 John Michael Endries, Norwich, New York
 James Gordon Etter, Fowler, Indiana
 Kevin Bernard Fagan, South Bend, Indiana
 Clyde Fessler, Jr., Sheboygan, Wisconsin
 Francis Frederick Fischer, Sioux Falls, South Dakota
 †Peter Anthony Fischer, Milwaukee, Wisconsin
 George Francis FitzPatrick, Jr., North Andover, Massachusetts
 Gary Thomas Flagstad, Cleveland, Ohio
 Dennis Michael Flynn,* Naperville, Illinois
 Richard Thomas Foley, Pittsburgh, Pennsylvania
 Roger Neil Foley, South Bend, Indiana
 Roy Lester Forsberg, Chicago, Illinois
 Donald Anthony Foscato, Jr., Manhasset, L.I., New York

Raymond Francis Fox, Indianapolis, Indiana
 Thomas Henry Fox, Grand Rapids, Michigan
 David Joseph Freund, Kimberly, Wisconsin
 Ronald Xavier Freund, Freeport, New York
 Richard Victor Furnari, Glenview, Illinois
 Robert Charles Gaertner, Midland, Michigan
 †John Charles Gallin, New Rochelle, New York
 Walter Thomas Gamard, New Orleans, Louisiana
 David Paul Garner, Painesville, Ohio
 †Martin Julien Gauthier, Manchester, New Hampshire
 S. John Gedge, Shaker Heights, Ohio
 Thomas Louis Gerlacher, Bridgeport, Ohio
 Kenneth William Gigax, Indianapolis, Indiana
 James Bartholomew Ginty, Salem, Massachusetts
 Thomas Mark Glaser, Fort Dodge, Iowa
 Terrence James Gleason, Jetmore, Kansas
 Robert Stanley Golomb, South Bend, Indiana
 Richard Charles Gonski, Chicago, Illinois
 Larry Phillip Good, Adrian, Michigan
 Joseph Peller Grace, Manhasset, New York
 Hal Richard Grafer,* Manhasset, New York
 George John Guzzardo, Kewanee, Illinois
 Michael Aage Hahn, Staten Island, New York
 Robert William Hahn, Wilmette, Illinois
 †William Lance Halter, Canton, Ohio
 Gregory Walter Hammer, Neptune, New Jersey
 Leo John Herbert, Rock Island, Illinois
 Fred William Heroman, Baton Rouge, Louisiana
 Thomas James Hill, Wayne, Michigan
 Joseph Douglas Ho, Honolulu, Hawaii
 John Paul Hume, Naperville, Illinois
 William Washington Isetts, Kenosha, Wisconsin
 Boyd Walter Jajesnica, Manchester, New Hampshire
 Joseph John Joerg, Jr., Rockville Centre, L.I., New York
 William Patrick Johnson,* Goshen, Indiana
 Richard Palmer Johnson, Toledo, Ohio
 Robert Maurice Johnston, Jr., Harrisburg, Pennsylvania
 Jack Roy Joyce, Rockford, Illinois
 Michael Joseph Joyce, Pittsburgh, Pennsylvania
 David Paul Justin, Elmhurst, Illinois
 John Collins Kanaley, Syracuse, New York
 Gerald Thomas Kardas, Chicago Heights, Illinois
 William Raleigh Keating, Chicago, Illinois
 Francis Anthony Keating, Watertown, New York
 John Michael Keller, Garden City, Kansas
 Robert Paul Kelley, Jr., Glen Ellyn, Illinois
 Donovan George Kelly, Billings, Montana
 James Harry Kelly, Clairton, Pennsylvania
 James Thomas Kelly, Monticello, New York
 Jacques Carl Kempf, Roselle, New Jersey
 Patrick William Kenny, St. Louis, Missouri
 †John Michael Kiener, Cleveland Heights, Ohio
 Michael Patrick Kirchen, Garrison, North Dakota
 Ronald John Kizior, Berwyn, Illinois
 George Peter Koch, Snyder, New York
 William Joseph Kohl, Chicago, Illinois

John Alan Koltes, Wausau, Wisconsin
 Eugene Stanley Koster, Chicago, Illinois
 Richard Chester Kowalski, Mount Clemens, Michigan
 Fred William Kuhn, Jr., Park Forest, Illinois
 Daniel Blaise Kulak, Peabody, Massachusetts
 Frank Edward Kuzmits, South Bend, Indiana
 Francis Mansfield LaNasa, Newfield, New York
 †Michael Christopher Lane, Coral Gables, Florida
 Thomas Edward Langenfeld, New Holstein, Wisconsin
 Ernest Joseph Larini, New York, New York
 David Albert Lattanzio, Coraopolis, Pennsylvania
 Gregory Paul LaVigne, St. Louis, Missouri
 Richard David Leberman, Meadowbrook, Pennsylvania
 Frederick King Lederer, Toms River, New Jersey
 Albert William Lefere, Jackson, Michigan
 Gerald Bernard Lefere, Jackson, Michigan
 Philip Michael Leitzinger,* Clearfield, Pennsylvania
 Dennis Edward LeJeune, Glenview, Illinois
 †John Harrison L'Estrange, Westport, Connecticut
 Richard Raymond Lewis, Highland, Indiana
 William Anthony Likar, Houston, Pennsylvania
 John Allen Lilly, Kalamazoo, Michigan
 Fred Henry Lindner, Jr., De Pere, Wisconsin
 Rocco Thomas Logiodice, Elmwood Park, Illinois
 Martin Peter Lombardi, Roslyn, New York
 Michael Thomas Long, West Hartford, Connecticut
 Raymond Gerald Lubawy, South Bend, Indiana
 James Richard Lydon, Knox, Pennsylvania
 Michael Dee Lydon, Wrightstown, Pennsylvania
 John Thomas Lyons, Neenah, Wisconsin
 Thomas Louis MacDonald, Downey, California
 †Alfonso Anthony Magnotta, Albion, Michigan
 Michael Christopher Mahan, Tulsa, Oklahoma
 Roger Layton Malcolm, New York, New York
 George Simon Malouf, Salt Lake City, Utah
 Peter Joseph Mangelli, Cedar Grove, New Jersey
 David Rex Manion, Washington, D.C.
 Joseph Peter Manzelli, Long Island, New York
 Carmen Michael Manzo, Bristol, Pennsylvania
 Carmen Michael Marino, Cleveland, Ohio
 William Isaac Markwell, Jr., Henderson, Kentucky
 Roger Stephen Matelski, Chicago, Illinois
 Michael Denis McCarthy, Ballwin, Missouri
 Richard Joseph McCarthy, Framingham, Massachusetts
 Francis James McCormack, Hopkinton, Massachusetts
 Dennis Claude McFarland, Sioux Falls, South Dakota
 William Bernard McIntyre, Jr., Grosse Pointe Park, Michigan
 John Louis McTernan, Cincinnati, Ohio
 Thomas George Meagher, Jr., Louisville, Kentucky
 †William Vincent Meeker, Arcadia, California
 Nicholas George Mehl, Dallas, Texas
 Philip Robert Melchert, Chicago, Illinois
 Michael Joseph Mestrovich, New Brighton, Pennsylvania
 Richard Donald Miles, Leonardo, New Jersey
 William Michael Mohler, Greensburg, Pennsylvania
 Joseph Michael Monahan, Arcola, Illinois
 Joseph Michael Moore, East Grand Rapids, Michigan

James Edward Morrison, Jr., Philadelphia, Pennsylvania
 Thomas Arch Morrison, Cleveland, Ohio
 Michael Francis Morrissey, Edina, Minnesota
 William Benjamin Munson, IV, Denison, Texas
 Daniel Reilly Murphay, Jr.,* Chicago, Illinois
 James Hubert Murphay, Jr., Lowell, Massachusetts
 Paul Francis Muscat, Mobile, Alabama
 John Stephen Narmont,** Auburn, Illinois
 Jeffrey Paul Neubert, Riverside, Connecticut
 Ralph Nofi,** Port Washington, New York
 Edward Lucas Norton, Rochester, New York
 Michael Francis Norton,* Westchester, Illinois
 John Anderson Oberhausen, Tell City, Indiana
 Mark Anthony Oberhausen, Tell City, Indiana
 †John Joseph Obermiller, North Canton, Ohio
 Dennis James O'Brien, Mount Ephraim, New Jersey
 James Hutton O'Brien, Grabill, Indiana
 Richard Francis O'Brien, Westfield, New Jersey
 Thomas Vincent O'Connor, Chicago, Illinois
 William John O'Connor, Red Lodge, Montana
 John Peter O'Gorman, Upper Montclair, New Jersey
 William Daniel O'Hearn, Chicago, Illinois
 John Edward O'Neil, Binghamton, New York
 Dennis Patrick O'Neill, Evergreen Park, Illinois
 John William O'Neill, Greenbelt, Maryland
 Joseph Edward O'Neill, Fond du Lac, Wisconsin
 Brendan Peter O'Reilly, New York, New York
 Eugene Henry O'Sullivan, Plainfield, New Jersey
 Frank Joseph Pekofski, La Porte, Indiana
 Emil Peter, III, Louisville, Kentucky
 John Wallace Pettit, Grosse Pointe Woods, Michigan
 William Martin Pfeiffer, Chicago, Illinois
 William Walter Phalan, Rome, New York
 John Samuel Poelker, St. Louis, Missouri
 Paul Edward Ponicki, Norridge, Illinois
 David Richard Rahn,** Peoria, Illinois
 †Peter George Reibold, Waterbury, Connecticut
 Thomas Brearton Reilly, East Orange, New Jersey
 Thomas Edward Reiser, Havana, Illinois
 Leon Jastremski Reymond, Jr., Baton Rouge, Louisiana
 James Anthony Rinella, Keenawee, Illinois
 David Patrick Rivoira, Cincinnati, Ohio
 Richard Alan Roggeveen,* Chicago, Illinois
 Paul Rupert Rossman, Shelby, Ohio
 Antonio J. Roxas,* Madrid, Spain
 Wayne Harry St. Clair, Springfield, Virginia
 Ernest John Scharpf, Brooklyn, New York
 Charles Lewis Schedlbauer, Red Bank, New Jersey
 John Gilbert Schmelein, Neenah, Wisconsin
 Thomas Harry Schnitzius, Houston, Texas
 Alan James Scott, Rodman, Canal Zone
 Arthur Thomas Sessi, Weirton, West Virginia
 Thomas Robert Settanni, New York, New York
 Raymond Edward Shanabruch, North Canton, Ohio
 Kenneth Francis Shearon, Jefferson, South Dakota
 †Dennis Gard Sheehan, Le Mars, Iowa
 Robert Emerson Sheridan, Jr.,* Missoula, Montana
 †Lawrence David Shubnell, Muncie, Indiana

Tom Michael Shuff, Cincinnati, Ohio
 Thomas Sidenfaden, Arcadia, California
 John Edward Simon, St. Louis, Missouri
 Francis Joseph Smith, Manteno, Illinois
 Thomas Joseph Smith,* Milwaukee, Wisconsin
 Kevin Wesley Smyth, Warsaw, Indiana
 †Donald Nelson Soderberg, South Bend, Indiana
 August Joseph Spieler, III, Lima, Ohio
 Harold Dockter Spurl, Jr., New Orleans, Louisiana
 Thomas James Stahlschmidt, Morton Grove, Illinois
 John William Stern, Cleveland, Ohio
 Anthony Joseph Strati, Elkhart, Indiana
 Thomas Mortimer Sullivan, Chicago, Illinois
 Arthur Cyril Swirtz, Flint, Michigan
 Stanley Paul Szklarek, South Bend, Indiana
 Richard Lawrence Tabak, Carle Place, New York
 James Charles TenBroeck, Chicago, Illinois
 Edward Michael Terry, Baraboo, Wisconsin
 Kenneth Joseph Tesi, Charlotte, North Carolina
 Joseph Theodore Theby, III, Evansville, Indiana
 Nicholas John Thies, Minneapolis, Minnesota
 †John Andrew Thomas, Jr., Stanhope, New Jersey
 Terence Patrick Thomson, Crystal Lake, Illinois
 David Arthur Tingwald, Goshen, Indiana
 David Rohan Tobin, Cos Cob, Connecticut
 Thomas John Tomjack, Medford, Oregon
 Theodore James Topolski, Michigan City, Indiana
 Bernard Carroll Topper, Jr., York, Pennsylvania
 John Robert Trelease, Chicago, Illinois
 Bruce Steven Tuthill, New London, Connecticut
 Bruce David Tyler, Thompsonville, Connecticut
 †Sammy David Van Ness, Texas City, Texas
 Frank Diego Visceglia, Short Hills, New Jersey
 Donald Peter Vogel, Kenmore, New York
 James Dennis Walsh, Atlanta, Georgia
 Kevin John Walsh, Rye, New York
 Lawrence Kenton Walsh, Chappaqua, New York
 Thomas Edward Walter, Lakewood, Ohio
 James William Webster, Lynwood, California
 Michael Joseph Weidner, West Chicago, Illinois
 John Lawrence Wells, Northbrook, Illinois
 Jerome Johnson Whalen, Fairfield, Connecticut
 Michael Gilbert Whitecotton, New Ross, Indiana
 Robert Ronald Wiczorek, Warren, Ohio
 Donald Dwight Williams, Kankakee, Illinois
 Justin James Williams, Jr., West Orange, New Jersey
 John Terrence Wolkerstorfer, St. Paul, Minnesota
 Richard Patrick Wolohan, Saginaw, Michigan
 †Patrick Joseph Woods, Oak Park, Illinois
 Thomas William Wukovits, Trenton, Michigan
 Richard James Yashewski, Huntington, New York
 Michael Joseph Zanelli, West Hempstead, New York
 Louis George Zimmerman, Grosse Pointe Farms, Michigan
 Thomas Anthony Zosky, Peoria, Illinois

NATIONAL FELLOWSHIPS AND SCHOLARSHIPS
AWARDED FOR 1964-65

National Science Foundation Graduate Fellowships (Level I):

James H. Foster, (mathematics)
Frederick M. Liss, (mathematics)
David S. McCaffrey, Jr., (chemical engineering)
Vincent F. Schirf, (electrical engineering)
Roger A. Szal, (biology)

National Science Foundation Graduate Fellowships (Level II):

Richard A. Bajura, (mechanical engineering)
Francis M. Klein, (chemistry)

National Science Foundation Graduate Fellowships (Level III):

Theodore J. Barth, (mathematics)
Anthony C. Hughes, (mathematics)

National Science Foundation Cooperative Graduate Fellowships:

Michael J. Amoruso, (physics)
Robert P. Johnson, (mathematics)
Robert E. Kasten, (electrical engineering)
Charles R. Martin, (physics)
Dennis F. Polis, (physics)
Gerald B. Prewitt, (physics)
Franklin C. Smith Jr., (physics)

*National Science Foundation Summer Fellowships for
Graduate Teaching Assistants:*

Carl G. Adler, (physics)
Gary J. Hordemann, (mechanical engineering)
Charles M. Lovas, (mechanical engineering)

Danforth Fellowships:

James V. Maher Jr., (physics)
Frank D. McConnell, (English)
Michael W. Messmer, (history)

Woodrow Wilson Fellowships:

Charles J. Day, (philosophy)
Ralph C. Martin Jr., (philosophy)
Michael W. McClintock, (English)
Frank D. McConnell, (English)
Clark R. McGranery, (mathematics)
Michael W. Messmer, (history)
Craig M. Simpson, (history)
Edward P. Ward, (political science)

THE ACADEMIC COSTUME CODE

The history of academic dress reaches far back into the early days of the oldest universities. Academic dress finds its sources chiefly in ecclesiastical wear, although mediaeval scholars tended to adopt a collegiate costume. A statute of 1321 required that all "Doctors, Licentiates and Bachelors" of the University of Coimbra (Portugal) wear gowns. Beginning with the second half of the 14th century, civilian collegiate costume was specified in various regulations of the universities. European institutions continue to show great diversity in their specifications of academic wear.

In American colleges and universities, the academic costume is prescribed by the American Council of Education, and its present form was adopted in 1932. The first suggestion for a uniform code was made in May, 1895, following an educational conference at Columbia University. In 1902, the Intercollegiate Bureau of Academic Costumes was created. It codified the 1895 rules and its legal firm serves as a clearing house and "repository" for official university and college colors, costumes and insignia.

The present academic dress consists of gowns, hoods and cap with the pattern and trimmings listed below. Exceptions have been granted to specific universities upon request.

GOWNS: Black cotton with long pointed sleeves for the Bachelor's Degree, long closed sleeves (with a slit for the arms) for the Master's Degree, and bell-shaped open sleeves for the Doctor's Degree. The Bachelor's and Master's gowns do not have trimmings. The Doctor's gown is faced down the front with black velvet and there are three bars of velvet across the sleeves.

HOODS: Black in all cases. For the Master's it is three and one-half feet long and closed at the end. The Doctor's hood is four feet long with panels at the sides. All hoods are lined with the official color or colors of the college or university which conferred the highest degree. The edging of the hood is velvet and three inches and five inches in width for the Master's and Doctor's degree, respectively, while its color is distinctive of the subject field.

CAPS: Black cotton and stiffened into the so-called mortarboard style. Each cap has a long tassel fastened to the middle point of the top of the cap. The tassel color denotes the subject field. The Doctor's cap may have a tassel of gold thread.

Subject Field Colors Used on Hoods and Caps

Arts and Letters	White	Law	Purple
Commerce and Accountancy	Drab	Music	Pink
Economics	Copper	Philosophy	Dark Blue
Education	Light Blue	Physical Education	Sage Green
Engineering	Orange	Science	Golden Yellow
Fine Arts including Architecture	Brown	Theology	Scarlet
Humanities	Crimson		

Blue and Gold in Hoods Denotes a Notre Dame Degree